

Knowledge provider



Ease of Doing Solar 2021

In ISA Member Countries

Table of Contents

01	Foreword	3
02	Glossary	4
03	Executive Summary	5
04	Approach & Methodology	14
05	Country Reports	29
06	Appendix	230



Foreword

The future of our electricity ecosystem is decarbonised, decentralised, digitised and democratised. Changing markets and strong sustainability targets are disrupting the energy landscape and Solar has big hands in each of the aspects.

Solar energy is a globally acknowledged key remedy to the imminent climate crisis. With more than two decades of evolution and prosperity, Solar is now mature enough to have a big hand in climate change mitigation. Further, with evolving initiatives like the One Sun One World One Grid (OSOWOG), the Green Grids Initiative (GGI) and technologies like Storage and Green Hydrogen, the development of Solar ecosystem will be further fast tracked as such initiatives will resolve the intermittency and supply-demand mismatches associated with Solar. However, a shared challenge for the world today is to attract investments that can build large shares of Solar and deliver a massive scale-up of sustainable and clean power to underpin widespread and rapid electrification.

To draw interest from the Investors worldwide, utilize the Solar potential and bring in the best technologies in the countries, Governments must take key decisions pertaining to support policy preparedness, financial robustness and market readiness to enable an Investor-friendly market. To address these key decisions, the ISA has taken up the crucial activity to track, recognize and support the progress of Solar ecosystem across the ISA member countries through an annual publication, *"Ease of Doing Solar (EoDS)"*. Starting in 2019, with a pilot version of EoDS report comprising of 4 countries, a full scale edition was launched in 2020, EoDS 2020 for 80 countries. This year, for EoDS 2021, a few more members have joined the ISA family taking the coverage up to 98 countries.

The ISA, with an assistance from Ernst & Young LLP (EY), has conceptualized the EoDS 2021 framework for evaluating countries across seven key indicators (macroeconomy, policy enablers, technical feasibility, market maturity, infrastructure, financing ecosystem and energy imperatives) and has come up with a report that can be used by Governments and Investors to identify key challenges and drivers. The 2021 edition has been prepared through a structured procedure and extensive data research and it envisages to highlight and help the countries improve their strengths and address the challenges. The report intents to provide a compendium to the Solar ecosystem stakeholders on current progress, best practices, future opportunities, planned initiatives, technical aspects etc. associated with the solar power business in the ISA member countries.

Going forward, strong mechanisms will be undertaken to ensure quality and bring out actionable insights for the member countries. Through EoDS, the ISA is focused to create a growth-oriented collaborative ecosystem for the member countries.

We hereby present this report to the Honourable Members of the Fourth Assembly of the ISA for their kind consideration. My heartiest congratulation to the ISA Secretariat for bringing out this document.



Dr Ajay Mathur Director General The International Solar Alliance

Glossary

Abbreviation	Full Form
BU	Billion Unit
1 BU	1 Terawatt-hour
Ckt km	Circuit Kilometer
СОР	Conference of the Parties
CUF	Capacity Utilisation Factor
EoDS	Ease of Doing Solar
EU	European Union
FDI	Foreign Direct Investment
FY	Financial Year
GDP	Gross Domestic Product
GHG	Green house gases
GHI	Global Horizontal Irradiance
GW	Gigawatt
GWh	Gigawatt-hour
IPP	Independent Power Producer
km	Kilometer
kV	Kilo Volt
kW	Kilowatt
kWh	Kilowatt-hour
Mn.	Million
MU	Million Unit
1 MU	1 Gigawatt-hour
MVA	Million Volt Ampere
MW	Megawatt
MWh	Megawatt-hour
NPA	Non-performing asset
PV	Photovoltaic
RE	Renewable Energy
sq.	Square
SEIN	Sistema Eléctrico Interconectado Nacional
SHS	Solar Home Systems
TWh	Terawatt-hour
T&D	Transmission & Distribution
UNFCCC	United Nations Framework Convention on Climate Change
US\$/ USD	United States Dollar
VAT	Value Added Tax
NFP	National Focal Points

Executive summary

1. Overview

The International Solar Alliance (ISA) aims to provide a dedicated platform – the annual Ease of Doing Solar reportthrough which the global community (including Governments, bilateral and multilateral organizations, corporates, industry, and other stakeholders) can contribute to help achieve the common goal of increasing the use and improving the quality of solar energy in meeting energy needs in a safe, convenient, affordable, equitable and sustainable manner.

To bring in the best solar technologies in the country, Governments must navigate a complex maze of policy preparedness, technical feasibility and financial robustness. Investors, globally, would be attracted to a transparent and infrastructure ready regime supported by an investor friendly market. Starting in 2019, with a pilot version of EoDS report comprising of only 4 countries, a full-scale edition was launched in 2020, for 80 countries. This year, for EoDS 2021, a few more members have joined the ISA family taking the coverage to 98 countries. The objective of Ease of Doing Solar (EoDS) is to track the policy, regulatory, technology and market eco-system in the ISA member countries and to also recognize and report the progress from previous year. The report provides current progress and best practices as a guide for Governments, Investors and reference for Financing Institutions investing in solar.



With assistance from Ernst & Young LLP (EY), the ISA has conceptualized a framework for evaluating member countries on seven key drivers along with a qualitative analysis of the different drivers to serve as a ready reckoner to understand the policies, regulations and their effectiveness among member countries. Governments can use learnings, from other nations, to build a robust solar ecosystem in their home countries.

The EoDS 2021 edition of the report has a refined evaluation framework, based on stakeholder inputs, and a more robust data modelling. The 2021 edition has been successful in enhancing country level participation that has added more value to the study. Initiatives are being taken to further strengthen stakeholder participation in future editions of EoDS.

The assessment has been carried out, for each of the ISA member countries, across seven key drivers: **macroeconomy, policy enablers, technological feasibility, power market maturity, infrastructure, financing, and energy imperatives**. To study and quantify performance of the ISA member countries across these Drivers, various parameters and indicators have been selected under each driver to demonstrate the Ease of Doing Solar. These seven key drivers form the bedrock of the EoDS evaluation with weightages assigned to individual drivers, parameters and indicators for a quantitative evaluation of the overall EoDS scores for the countries.

The countries have been classified across four segments, as below, basis the quantification of the total scores derived as a sum of scores of individual drivers.

Achiever	Countries with highly conducive technical potential for Solar with favourable commercial and regulatory conditions. The market potential for Solar is immense and the country is perceived as most attractive for investments in Solar
Influencer	Countries with moderately favourable technical potential, commercial and regulatory conditions for Solar. The market potential for Solar is satisfactory and the country is perceived as moderately attractive for investments in Solar
Progressive	Countries with less favourable technical potential and evolving commercial and regulatory conditions for Solar. The market for Solar is at initial stages of development of a favourable ecosystem in terms of commercial feasibility and investments for Solar
Potential	Countries with untapped solar potential and at nascent stage for development of favourable ecosystem in terms of commercial, market and regulatory conditions for Solar industry

The EoDS model is a Relative Ranking model and the country classifications are dependent on the sample set considered. Since the sample set in EoDS 2021 (member countries) has changed significantly from EoDS 2020, the classifications presented in the following section is also bound to change basis the relative rankings.

2. Overview of the results

Owing to strong solar potential, sustainability targets, enabling policy ecosystem, mature markets, and robust power infrastructure, a set of 17 countries have been identified as **Achievers**. The next set of classification, **Influencer**, has 34 countries followed by **Progressive** (27 countries) and **Potential** (20 countries).

The results are presented below with the countries arranged in alphabetical order under each classification:



Progressive						
Bangladesh	Belize	Benin	Cambodia	Côte d'Ivoire		
Djibouti	Dominica	Ethiopia	Gambia	Grenada		
Guyana	Haiti	Kiribati	Madagascar	Mali		
Myanmar	Namibia	Nauru	Niger	Paraguay		
Saint Kitts and	Saint Lucia	Saint Vincent Samoa		Tuvalu		
Venezuela	Yemen	Grenadines				
		Potential				
	2					
Burundi	Cameroon	Chad	Comoros	Cuba		
Democratic Republic of Congo	Equatorial Guinea	Eritrea	Gabon	Guinea		
Guinea - Bissau	Liberia	Marshall Islands	Papua New Guinea	Sao Tome and Principe		
Somalia	South Sudan	Sudan	Togolese Republic	Vanuatu		

3. Regional highlights

Key insights from the assessment of the ISA member countries, across the 4 geographical regions, highlighting the strengths and areas of improvements in each region have been presented below:

Africa (43 Member countries)

- Africa region has **1** Achiever, **17** Influencer, **9** Progressive and **16** Potential countries in EoDS 2021 report.
- Owing to higher levels of solar irradiation in the region, countries in Africa are bestowed with large solar potential and technological feasibility. Current low levels of access to electricity in some countries present a significant opportunity for off-grid solar technologies.
- Lead performers in the region have set robust long-term targets up to 2030 and have been undertaking activities towards achieving these goals.
- Most Progressive and Potential countries have had a reasonably better macroeconomic environment but need improvement in areas like infrastructure development and financing mechanisms.
- Aspects related to financing, policies and setting long term sustainability targets need more focus and offer scope for improvement to develop an effective solar ecosystem in the region.

Asia & Pacific (22 Member countries)

- Asia & Pacific region has 6 Achiever, 5 Influencer, 8 Progressive and 3 Potential countries in EoDS 2021 report.
- Along with high levels of solar irradiation, enabling macroeconomic and financing aspects are driving the growth of Solar adoption in the region.
- Leading countries in the region have long-term vision related to infrastructure growth ably matching Solar growth and supportive investment ecosystem.
- Progressive and Potential countries of this region are still at an initial stage of developing conducive policy environment and developing a robust power infrastructure to make Solar more viable.

Europe (9 Member countries)

- Europe region has 6 Achiever and 3 Influencer countries in EoDS 2021 report
- The countries in the region perform exceptionally well in Policy enablers, Market maturity and Macroeconomy related aspects, however, the technological feasibility scores (related to natural potential of Solar) are lower than countries from other regions.
- Countries that could compensate for the low technological feasibility scores by better performance in other drivers have been ranked as Achievers.

Latin America & Caribbean (24 Member countries)

- Latin America & Caribbean region has **4 Achievers**, **9 Influencer**, **10 Progressive and 1 Potential countries** in EoDS 2021 report.
- Similar to Africa, Latin America & Caribbean region has also been bestowed with high Solar irradiation. Besides, most countries have performed well on market maturity and macroeconomy related aspects.
- Leading performers in the region have set strong long-term Solar targets up to 2050 and have been undertaking key steps towards these goals. Leaders in this region also encourage private participation and have long-term visions related to infrastructure growth and associated investment plans.
- For the Progressive and Potential countries, policy enablers and infrastructure development have been identified as key areas of improvement. Supportive policies like feed-in-tariff, net metering, etc. Is also needed to encourage participation in the sector.

Note: Results from the assessment of countries across the drivers have been presented in the Appendix 1 of the document

4. Driver-wise highlights

Key insights, from the assessment of member countries, across seven drivers have been presented below:

Macroeconomy

- Robust GDP Growth rate, low country risks and investments (including foreign direct investments) have been key differentiators among countries evaluated on macroeconomy.
- Other key differentiators include Investor protection initiatives and the extent of political stability in the individual countries.
- Most Achiever and Influencer countries have initiated structural reforms to strengthen economic competitiveness and establishing more favourable environments to promote investments.
- Most Progressive countries have a strong FDI growth trend along with a rising GDP growth trend though the size of the GDP is comparatively lower.
- The Potential countries have low GDP size with the better ranked ones having a comparatively higher GDP growth rate.

Policy enablers

- Robust policy mechanisms to support renewables, sustainability targets and financial incentives are scoring aspects on policy enablers.
- In addition, countries scoring high have created favourable downstream policy framework for renewable purchase obligations (RPO), Renewable Energy Certificates (REC), emission reduction targets and tax incentives for solar developers.
- Most Influencer countries may not have demonstrated significant actions on policy front but have mandated clear policies to promote clean energy primarily through private participation.
- Progressive countries are in the initial phases of renewable specific policy formulation but have acknowledged the role of renewable energy in the country's developmental agenda.
- The Potential countries have been focussing on introducing favourable policies to promote renewable energy with limited on ground implementation.

Technological feasibility

- High levels of Global Horizontal Irradiance (GHI) and normative capacity utilisation factors (CUF) are the key differentiators in Technological Feasibility across the four evaluation segments.
- Countries in Africa and Middle East are bestowed with naturally high levels of solar irradiation and hence have scored comparatively higher in Technological Feasibility.
- Existence of energy storage projects and other additive technologies have also helped in improving technological feasibility scores for the leading countries.
- Another key differentiating criterion has been the extent of use of renewable to enhance electricity access in countries that are still not hundred percent electrified.

Market maturity

- Countries with high levels of access to electricity, presence of a structured and mature power market along with a robust share of operational solar projects have scored high in Market Maturity.
- Another key differentiating factor has been the adoption of competitive bidding process for awarding power projects.
- Most Influencer countries have already achieved a significant level of/achieved full electricity access and have a strong focus on opening the power market through private participation.
- The Potential and the Progressive countries are differentiated, primarily, with the levels of electricity access and the extent of initiatives to transition towards a comparatively mature power market in future.

Infrastructure

- Looking into the intermittency and other operational challenges related to solar integration with the grid, the need for robust infrastructure is indispensable.
- The Achiever countries have taken a planned approach towards strengthening the national grid infrastructure with a focus on integrating solar.
- Leading countries have also encouraged private participation in not only solar infrastructure development but also in strengthening private participation to fast-track infrastructure development.
- Leading countries also have robust mechanisms in place to ensure reliability and operational transparency in the electricity distribution sector.
- Most Influencer countries have taken concrete steps towards developing a long-term infrastructure development plan with renewables at its core.
- Progressive and Potential countries are in different stages of building and operating a robust, high voltage integrated transmission grid to support better integration of solar in the long run.
- Other key differentiators in Infrastructure include capacity building initiatives to improve the quality of human resource as solar market development needs skilled professionals across the entire value chain.

Financing

- Low cost of financing, better accessibility to financial instruments and presence of quality banking system are the key reasons for countries which perform better on financing. Extent of private credit, by domestic banks, is also an enabling differentiator.
- Most Achievers have set up specialized institutions to develop targeted incentives for the industry such as climate funds, tax incentives, grants, financial programs and cooperation plans to encourage capital flows in the sector.
- Most Influencer countries present a stable financial outlook and a strong financial ecosystem which is moving towards the levels of Achievers.
- The Potential countries are having certain levels of financial institutional setup especially for power sector financing thought it is primarily focusing on government financing or from Developmental Financing Institutions (DFIs).
- There is significant dependence on financing from DFIs in most Potential countries. The institutional mechanism for project financing is still in the evolution stage.

Energy imperatives

- The existing per capita electricity consumption, historical growth in electricity demand and current solar installed capacities are the key differentiating parameters under energy imperatives. The Achiever countries have scored maximum on this criterion.
- Leading performers in the region have high Electricity GDP elasticity indicating that the economies are effective in extracting value (by generating goods and services) from the electricity it consumes.
- Influencer countries have demonstrated strong growth in electrical demand and solar installed capacities. In addition to the high-income economies, a few developing countries have also performed relatively better in energy imperatives owing to their aggressive solar deployment in recent years, mostly in off-grid solar primarily on account of rapid electrification.
- The Progressive countries have a strong potential of off-grid as well as on-grid solar but the same is yet to be explored. Owing to low electrifications levels, the demand growth is not strong but is expected to grow once electrification starts even using off-grid solar plants.
- Most Potential countries have had a good demand growth but score low in solar deployment over the years.

6. Way forward

Future editions of EoDS will aim towards further strengthening stakeholder consultations through regional and country level engagements which are quintessential in further reinforcing the EoDS framework and methodology.

Also, in the upcoming editions, greater emphasis will be given to online dashboards for better visualisation and user interaction which will enable the ISA in moving from a paper-based report to interactive analysis. Transition towards EoDS Digital report is expected to further facilitate proactive participation from member countries for seamless and efficient data collection. It will also provide a more dynamic experience for member countries by adopting features such as real time data sharing to faster response on the draft analysis and reporting.

Inclusion of new KPIs, better ranking nomenclature, improving shareability and publication in other languages are some other additional initiatives to enhance the results and outreach of Ease of Doing Solar.

Approach and methodology

1. Overview

1.1. Framework for Ease of Doing Solar Report



A. Guiding Principles & Scoring methodology

How is it done?	Key outcomes	
Review of past similar studies to assess various methodologies		
Parameters (KRA) and KPIs identification & selection and formulation of rationales	Defining the Guiding Principles (Drivers, Parameters & KPIs)	
Sources-based classification of KPIs		
Criticality assessment for quantitative analysis	Detional conditions	
Regional Consultations and Capacity building interactions to enhance Approach & Methodology	Rationales and scores	

B. Scoring Model & Data Research

How is it done?	Key outcomes	
Secondary data collection (Database based)		
Primary data collection and validation (Country-focused) – Consultations & Questionnaire preparation	Validated Data set	
Identify and address data gaps and key roadblocks for each country	Approach to treat data gaps	
Assigning weights for quantitative analysis	Weights for the KRAs and KPIs	
Consolidation of Indicators across Solar, Parent Industry (Power Sector) and Macro Influencer	Scoring Model	
Model development		



Overall Data Research for building the EoDS Model is based on the above classification of indicators used in the analysis. The analysis includes Solar industry related indicators which carries a **significant cumulative weightage** followed by Parent industry indicators and then Macro Influencers related indicators. This approach enables a comprehensive analysis of solar industry while also taking into consideration the impact of key external factors.

C. Data sensitization and verification

How is it done?	Key outcomes	
Validation of data by country-level stakeholders	Overall scores and analysis	
Preparation of Country specific reports and Consultation draft	Facilitate consultations and feedbacks from countries	
Country-level analysis and recommendations	Finalized Ease of Doing Solar 2021	
Country-level consultations and incorporation of feedbacks	Report	
Region-specific workshops	Dissemination of findings and insights	
Capacity building workshops for the ISA	Knowledge sharing on learnings and methodologies	

1.2. What is new in EoDS 2021?

The ISA and EY teams organised a Capacity Building workshop for EoDS 2020 and Regional consultations with National Focal Points (NFPs) to facilitate valuable inputs and suggestions from the stakeholders and the focal points. The sessions facilitated better stakeholder participation and recommendations that have been appropriately used to enhance EoDS 2021. The interactions have helped update some key inputs that added value to the EoDS 2021 edition. The 2021 edition focuses on developing a more robust and comprehensive framework supported by effective data validation. Further, the consultation with the NFPs had given a better understanding of the vision behind EoDS and clearly communicated the objectives and support needed. All the suggestions from the stakeholders on additional Key Performance Indicators, efficient data collection mechanisms and making the EoDS more robust have been accommodated in the 2021 study.

1.3. Classification based on overall scores

Like the 2020 edition, EoDS 2021 have also classified the countries across four segments – Achiever, Influencer, Progressive and Potential, basis the quantification of the total scores across the drivers. Ranking framework may evolve from "Classifications" to "Absolute ranking" over the years as the EoDS concept matures and be used as a guiding tool for benchmarking by stakeholders. The EoDS 2021 edition follows a more refined ranking framework and the classifications are defined as below,

Achiever

Countries with highly conducive technical potential for Solar with favourable commercial and regulatory conditions. The market potential for Solar is immense and the country is perceived as most attractive for investments in Solar

Influencer

Countries with moderately favourable technical potential and commercial and regulatory conditions for Solar. The market potential for Solar is satisfactory and the country is perceived as moderately attractive for investments in Solar

Progressive

Countries with less favourable technical potential and regulatory conditions for Solar. The market for Solar is at initial stages of development of a favourable ecosystem in terms of commercial feasibility and investments for Solar

Potential

Countries with untapped solar potential and at nascent stage for development of favourable ecosystem in terms of commercial, market and regulatory conditions for Solar industry

2. Guiding Principles

2. Guiding Principles for the EoDS Report

Key focus areas of 2021 edition are to develop a more robust and comprehensive framework for country evaluations and enable the reader of the report with deeper insights to the solar ecosystem in respective countries. The EoDS report will have country-specific snapshots and analysis that assess a country's preparedness in attracting and sustaining investments in solar space. The analysis is being planned to encompass multiple Solar segments: Grid connected Solar, Solar for Agriculture, Solar Mini-Grids, Solar Rooftop and Off-Grid Solar Products and Services.

The Principles - Drivers, Parameters and Indicators have been developed based on the review of similar studies like 1). Ease of Doing Business by the World Bank; 2). State Investment Promotion Agency Framework by Invest India; 3). Global Investment Competitiveness Report; 4). Renewable Energy Country Attractiveness Index by EY; 5). Regulatory Indicators for Sustainable Energy (RISE) and the review of multiple analysis from 1). International Energy Agency (IEA); 2). International Renewable Energy Agency (IRENA); 3). Lighting Global; 4). GOGLA; 5). World Bank and others. The basic skeleton of the evaluation is similar to the previous editions of EoDS report.

The assessment shall be carried out, for each of the study country, across seven key drivers: **Macroeconomy, Policy enablers, Technical feasibility, Power market maturity, Infrastructure, Financing, and Energy Imperatives.** These seven key drivers form the foundation of the EoDS evaluation model with weightages assigned to the drivers, parameters and indicators for a quantitative evaluation of the overall EoDS scores for the countries. Around **64 indicators** have been used to develop the analysis of these parameters and drivers. Each of these indicators demonstrate the Ease of Doing Solar in the countries. Data shall be collected from primary and credible secondary sources.

A model has been built based on the data and weightages which will help develop the index for the countries.



Guiding Principles - Drivers & Evaluation Parameters considered for EoDS study

3. Understanding the drivers

3. Understanding the Drivers

Drivers	Description	Parameters
Macroeconomy	Macroeconomic parameters shall be evaluated to understand the economic strength, in terms of size of the economy, growth prospects and maturity. The macroeconomic driver also helps the stakeholders assess the market and associated risks at a macro-level. Strong macroeconomic indicators, for a country, signify business opportunities for the investors/ developers and translates to an optimistic view of the future of solar sector in the country.	 Economic development Country risk Political stability FDI inflow Investor protection
Policy enablers	Effective policies and quality of regulatory ecosystem act as key enablers for growth in any sector. This is an important driver for the governments and investors to understand the roadblocks limiting the growth of solar segment in the country. Government initiatives, such as fiscal incentives and subsidies for solar energy deployment, not only helps in attracting new investments in the sector but also minimises the risks associated with such projects.	 Support for renewables Sustainability targets Financial support Regulatory quality
Technological feasibility	Analysis of various technical aspects is of utmost importance in order to determine the feasibility and cost- effectiveness of a solar project. Indicators such as solar irradiation in the region and capacity utilisation factor impact the viability of solar Projects.	 Solar irradiation levels Storage technology
Market maturity	Market maturity is a critical driver for the investors and project developers to have a better understanding of the overall electricity market in the country. A mature market ensures minimum risks and high certainty of returns to the investors, but also offers high degree of competition. On the other hand, a less mature market may offer huge opportunities for the new entrants, but with a higher risk quotient.	 Access to electricity Institutional structure Operational solar projects Power market Open Access Subsegments Market

Drivers	Description	Parameters
Infrastructure	Adequate infrastructure is essential to support the development of solar projects. Availability of adequate transmission & distribution infrastructure/ network, efficiency of power utilities and capacity building activities are essential components of infrastructure that translates to the success of solar industry in the country.	 Power Infrastructure T&D Infrastructure Prospective Investments Doing Business Utility Efficiency Solar potential Capacity building Domestic Capability
Financing	Analysis of domestic banking ecosystem is essential to understand business viability and risks in a country. Strong financial ecosystem and innovative financial products are important factors for large scale solar deployment. While availability of appropriate financing models is essential to attract private investments, low cost of financing is also critical for the commercial viability of the projects and off- grid products deployment.	 Accessibility to financing Quality of the ecosystem
Energy imperatives	This parameter evaluates the total electricity landscape in terms of consumption, tariffs and installed capacities. The current status of off-grid solar products is also analysed, which can help investors identify the country's potential for off-grid installations	 Electricity Outlook Solar tariffs Electricity tariffs Alternate sources Sub-segments

In the EoDS 2021 study, few additional parameters have been included in the model beyond those considered in EoDS 2020. Parameters related to Investments in the country, Operational solar projects, Getting Electricity, etc. have been added. Also, new indicators like Electricity-GDP elasticity, Human development index, Inflation, Renewable Energy Certificates, Renewable Purchase Obligation, Average Solar Direct Normal Irradiation, Diffuse Horizontal Irradiation, etc. have been added to assess and understand the countries better.

4. Determining weightages for drivers

1

4. Determining Weightages for Drivers

EoDS study focuses on screening, prioritizing, classifying the countries based on a finite set of criteria. Criteria weights play a very significant role in the EoDS model which usually provide the information about the relative importance of the considered criteria. It helps in arriving at the overall classification and scores. The weightages for the attributes – Drivers, Parameters and Indicators of the EoDS 2021 were primarily determined based on the learnings from previous edition feedbacks, analysis of similar studies and consultations with the stakeholders and domain experts.

Learnings from similar studies

- Multiple similar studies and their mechanisms for weightage determination have been analysed to understand existing methodologies in the system
- State Rooftop Solar Attractiveness Index: Basis the importance/ ranks given by different stakeholders, the weightages to the parameters were decided
- EoDB by World Bank uses a direct method: Weighing all topics equally and, within each topic, giving equal weight to each component

Ease of Doing Busine	SARAL – State Rooftop Solar Attractiveness Index				
Parameters	Weightage	Parameters	Weightage	Sub-parameters	Weightage
Starting a business	9.09%	Robustness of		Level of policy support	33.3%
Depling with construction permits	0.00%	Policy	20%	Billing Mechanism	33.3%
Dealing with construction permits	9.09%	framework		Covenants	33.3%
Getting electricity	9.09%			Ease of application	60%
Registering property	9.09%	9.09% Effectiveness of policy support/ implementation	26.2%	Power offtake attractiveness	10%
negioteining proporty			20.3%	Impact of Policy	10%
Getting credit	9.09%			State of affair of DISCOMs	20%
Protecting minority investors	9.09%	laurates ant		Driver for rooftop solar uptake	33.3%
	0.004	climate	16.8%	Maturity of the Market	33.3
Paying taxes	9.09%			Ease of financing	33.3%
Trading across borders	9.09%			Pre-installation consideration	30%
Enforcing contracts	0.00%	consumer	26.3%	During installation	40%
	9.09%	experience		Post-installation experience/costs	30%
Resolving insolvency	9.09%	Business ecosystem	10.6%	Business enablers	37.5%
Labour market regulation	9.09%			Fiscal and Regulatory Environment	37.5
		,		Economic outlook	25.0%
Total	100%	Total	100%		100%

Based on the feedback received during stakeholder consultations, Solar specific variables have been given more weightages in the EoDS 2021 study. Variables like natural technical feasibility is playing a stronger role as compared to the 2020 edition.

5. Data research

a ta al

5.1. Data Research

The EoDS study captures the indicators across three major segments - the solar related indicators, Parent Industry related indicators, and Macro Influencers related indicators. Below three segments of indicator classification ensure that the indicators are selected and assessed to cover all the aspects that has an impact on the solar industry of a country. Solar related indicators have been given significant weightage in the EoDS analysis, around 54% followed by Parent industry (22%) and then the Macro Influencers (24%).



The EoDS 2021 framework incorporates the KPIs comprising both the Primary and Secondary data research. Around 6,000 data points have been collected for the 2021 study which is more than double the number of data points in 2020. Data for this study has been collected from primary and credible secondary sources from World Bank, IMF, UN Foundation, IEA, IRENA. The primary data research was carried out by developing and circulating the questionnaire among the National Focal Points (NFPs) of the member countries. The EoDS 2021 edition focused on engaging key stakeholders to devise valuable inputs from the NFPs to facilitate better data collection and to receive suggestions / recommendations to further enhance the model.

5.2. Data Research – Secondary

- Database-based research have been carried out for major set of Indicators. Competent databases from World Bank, IMF, UN Foundation, IEA, IRENA, etc. have been exercised
- Country-focused research has been carried out to address data gaps for a small set of countries and to develop insights on Member countries

5.2. Data Research – Primary

- The primary data collection exercise has been introduced to the National Focal Points (NFPs) across Africa, Latin America, Europe and Asia-Pacific regions through the regional consultations/ NFP workshops
- Regional consultations were organized to sensitize the NFPs about EoDS and the importance and process for primary research questionnaire
- A questionnaire has been developed and circulated among the NFPs of the member countries. A part of the questionnaire is appended below:

S.No.	Key Indicators	Response	UoM	Source of Information (if applicable)	Year of Information	Remarks
8	Are there provisions for Collective self-consumption/ Group-Captive consumption?		Yes/No			
	Is there a mechanism of competitive bidding for setting up large scale RE generation projects (for projects >10MW) e.g. through auctions for PPA's?		Yes/No			
9	Is there a mechanism of Solar discounted tariff bidding for procurement of Power from Grid Connected Solar PV Power Projects?		Yes/No			
10	What is the growth rate (CAGR) of electricity consumption in last five years?		%			
11	What is the Peak demand that has been met during 2019?		MW			
	What is the share of the following consumer segments in the overall electricity consumption?					
	Commercial & Industrial		%			
	Agricultural		%			
12	Residential		%			
13	How much is the share of solar in the generation mix for the year 2019?		%			
14	What is the average duration/ term of Power Purchase Agreements for Solar PV Projects?		Years			

Procedure:

- Questionnaires have been prepared in English, French and Spanish languages to facilitate prompt data collection from primary sources i.e. NFPs.
- Questionnaire has about 47 questions. Responses are being sought as Qualitative information (E.g: Yes/ No) and Data-based information for around 25 and 22 Indicators respectively
- ► The research is based on data for the year 2020. However, in instances where data is not available for 2020, earlier years' data may be used by the NFPs.
- Coordination support from the ISA's Country Coordinators System in following up with the Primary sources with appropriate guidance and resolve their clarifications
- The Data is being collected for the year 2020. However, in instances where data is available for earlier years but not for 2020, the older data has been considered with rational assumptions and projections.

Country reports

S.no.	ISA member countries	Region	Page number
1	Algeria	North Africa	34
2	Argentina	Latin America	36
3	Australia	Pacific	38
4	Bangladesh	Asia	40
5	Barbados	Caribbean	42
6	Belize	Latin America	44
7	Benin	West Africa	46
8	Bolivia	Latin America	48
9	Botswana	South Africa	50
10	Brazil	Latin America	52
11	Burkina Faso	West Africa	54
12	Burundi	East Africa	56
13	Cambodia	Asia	58
14	Cameroon	Central Africa	60
15	Cabo Verde	West Africa	62
16	Chad	Central Africa	64
17	Chile	Latin America	66
18	Comoros	East Africa	68
19	Costa Rica	Latin America	70
20	Côte d'Ivoire	West Africa	72
21	Cuba	Caribbean	74
22	Democratic Republic of Congo	Central Africa	76
23	Denmark	Europe	78
24	Djibouti	East Africa	80
25	Dominica	Caribbean	82
26	Dominican Republic	Caribbean	84
27	Egypt	Middle East	86
28	El Salvador	Latin America	88
29	Equatorial Guinea	Central Africa	90
30	Eritrea	East Africa	92
31	Ethiopia	East Africa	94
32	Fiji	Pacific	96
33	France	Europe	98

S.no.	ISA member countries	Region	Page number
34	Gabon	Central Africa	100
35	Gambia	West Africa	102
36	Germany	Europe	104
37	Ghana	West Africa	106
38	Greece	Europe	108
39	Grenada	Caribbean	110
40	Guinea	West Africa	112
41	Guinea-Bissau	West Africa	114
42	Guyana	Latin America	116
43	Haiti	Caribbean	118
44	India	Asia	120
45	Italy	Europe	122
46	Jamaica	Caribbean	124
47	Japan	Asia	126
48	Kiribati	Pacific	128
49	Liberia	West Africa	130
50	Luxembourg	Europe	132
51	Madagascar	East Africa	134
52	Malawi	East Africa	136
53	Maldives	Asia	138
54	Mali	West Africa	140
55	Marshall islands	Pacific	142
56	Mauritius	East Africa	144
57	Morocco	North Africa	146
58	Mozambique	East Africa	148
59	Myanmar	Asia	150
60	Namibia	South Africa	152
61	Nauru	Pacific	154
62	Nicaragua	Latin America	156
63	Niger	West Africa	158
64	Nigeria	West Africa	160
65	Oman	Middle East	162
66	Palau	Pacific	164

S.no.	ISA member countries	Region	Page number
67	Papua New Guinea	Pacific	166
68	Paraguay	Latin America	168
69	Peru	Latin America	170
70	Rwanda	East Africa	172
71	Saint Kitts and Nevis	Caribbean	174
72	Saint Lucia	Caribbean	176
73	Saint Vincent and the Grenadines	Caribbean	178
74	Samoa	Pacific	180
75	Sao Tome and Principe	Central Africa	182
76	Saudi Arabia	Middle East	184
77	Senegal	West Africa	186
78	Seychelles	East Africa	188
79	Somalia	East Africa	190
80	South Sudan	East Africa	192
81	Sri Lanka	Asia	194
82	Sudan	North Africa	196
83	Suriname	Latin America	198
84	Sweden	Europe	200
85	Tanzania	East Africa	202
86	The Netherlands	Europe	204
87	Togolese Republic	West Africa	206
88	Tonga	Pacific	208
89	Trinidad and Tobago	Caribbean	210
90	Tuvalu	Pacific	212
91	Uganda	East Africa	214
92	United Arab Emirates	Middle East	216
93	United Kingdom	Europe	218
94	Vanuatu	Pacific	220
95	Venezuela	Latin America	222
96	Yemen	Middle East	224
97	Zambia	East Africa	226
98	Zimbabwe	East Africa	228

What to look for in each section of the country report?

Country snapshot

This section primarily covers country's as-is scenario with respect to the power sector indicators such as annual electricity consumption, installed solar capacity, Average Solar Pvout, Ease of doing business score, and CO₂ emissions.

Power trends

This section depicts overall power sector trends of the country through yearly trends in cumulative solar installed capacity/ generation, monthly variation in Pvout and Per Capita CO₂ Emissions & Electricity Consumption and RE generation by source. Solar on-grid/ off-grid trends have been presented based on data availability.



Page 2



This section provides a crisp qualitative assessment of the country across seven drivers. References for the remarks under this section are provided in the Appendix of this report.



EoDS performance

This section indicate overall classification of the country (i.e. Achiever, Influencer, Progressive and Potential). It also shows countries performance across seven drivers as detailed out in the approach and methodology section of this report.

Installed capacity drill down

This section depicts electricity mix of the country (in capacity terms) along with the drill down on capacity of solar sub-segment such as solar mini-grid, solar home systems etc.

Country's regional performance and characteristics

This section provides insights developed from the overall assessment of the member countries across seven drivers. Relative strengths (in the bottom left of top section) and challenges (in bottom right of top section) have been identified for the country based on performance comparison within the country across seven drivers. The section also provides a comparative analysis on access to electricity, Growth in Solar installations and Share of Solar in generation mix. The country is compared with the region and also the best performer in the region.

Note: Extensive list of sources are provided in the Appendix -3 of the report.



Ease of Doing Solar | Page 34





Ease of Doing Solar | Page 36














































• RE contributed to 23% of the total electricity mix of the country as of 2018.¹⁰









• In 2019, GDS Orion Solar signed an agi to build a 20 MW solar power project.¹⁵




































diesel-powered generators.¹⁴









• As of 2019, the total installed capacity was 7.4 GW with 71% of the installed capacity based on fossil fuels.9









Energy Imperatives
































































As of 2020, cumulative solar off-Grid Capacity for the country is 1130.38 MW which was 1098.63 MW in 2018.¹⁹












































































4 MW of standalone systems.¹⁸







Ease of Doing Solar | Page 162





Ease of Doing Solar | Page 164





Ease of Doing Solar | Page 166











• Peru is a net importer of electricity; power imports have risen to 22 GWh in 2020 from 17 GWh in 2017.³


























Ease of Doing Solar | Page 184







































• With economic and population growth, the annual electricity consumption is expected to reach 12.1 BUs by 2022 from 7.6 BUs in 2017 growing at a CAGR of 9.8%.¹⁴






































Ease of Doing Solar | Page 222





Ease of Doing Solar | Page 224











Appendix 1 Regional outcomes

Regional outcomes

Africa (43 countries)

Countries are arranged in alphabetical order under each classification.

EoDS 2021 classification	ISA member countries	EoDS 2021 classification	ISA member countries
Achiever	Morocco	Progressive	Gambia
Influencer	Algeria	Progressive	Madagascar
Influencer	Botswana	Progressive	Mali
Influencer	Burkina Faso	Progressive	Namibia
Influencer	Cape Verde	Progressive	Niger
Influencer	Egypt	Potential	Burundi
Influencer	Ghana	Potential	Cameroon
Influencer	Malawi	Potential	Chad
Influencer	Mauritius	Potential	Comoros
Influencer	Mozambique	Potential	Congo (Dem. Rep.)
Influencer	Nigeria	Potential	Equatorial Guinea
Influencer	Rwanda	Potential	Eritrea
Influencer	Senegal	Potential	Gabon
Influencer	Seychelles	Potential	Guinea
Influencer	Tanzania	Potential	Guinea-Bissau
Influencer	Uganda	Potential	Liberia
Influencer	Zambia	Potential	Sao Tome and Principe
Influencer	Zimbabwe	Potential	Somalia
Progressive	Benin	Potential	South Sudan
Progressive	Côte d'Ivoire	Potential	Sudan
Progressive	Djibouti	Potential	Togolese Republic
Progressive	Ethiopia		

Asia & Pacific (22 countries)

Countries are arranged in alphabetical order under each classification.

EoDS 2021 classification	ISA member countries	EoDS 2021 classification	ISA member countries
Achiever	Australia	Progressive	Bangladesh
Achiever	India	Progressive	Cambodia
Achiever	Japan	Progressive	Kiribati
Achiever	Oman	Progressive	Myanmar
Achiever	Saudi Arabia	Progressive	Nauru
Achiever	United Arab Emirates	Progressive	Samoa
Influencer	Fiji	Progressive	Tuvalu
Influencer	Maldives	Progressive	Yemen
Influencer	Palau	Potential	Marshall islands
Influencer	Sri Lanka	Potential	Papua New Guinea
Influencer	Tonga	Potential	Vanuatu

Europe (9 countries)

Countries are arranged in alphabetical order under each classification.

EoDS 2021 classification	ISA member countries	EoDS 2021 classification	ISA member countries
Achiever	Denmark	Achiever	Netherlands
Achiever	France	Influencer	Luxembourg
Achiever	Germany	Influencer	Sweden
Achiever	Greece	Influencer	United Kingdom
Achiever	Italy		

Latin America & Caribbean (24 countries)

Countries are arranged in alphabetical order under each classification.

EoDS 2021 classification	ISA member countries	EoDS 2021 classification	ISA member countries
Achiever	Argentina	Influencer	Trinidad and Tobago
Achiever	Brazil	Progressive	Belize
Achiever	Chile	Progressive	Dominica
Achiever	El Salvador	Progressive	Grenada
Influencer	Barbados	Progressive	Guyana
Influencer	Bolivia	Progressive	Haiti
Influencer	Costa Rica	Progressive	Paraguay
Influencer	Dominican Republic	Progressive	Saint Kitts and Nevis
Influencer	Jamaica	Progressive	Saint Lucia
Influencer	Nicaragua	Progressive	Saint Vincent and the Grenadines
Influencer	Peru	Progressive	Venezuela
Influencer	Suriname	Potential	Cuba

Appendix 2 Driver wise assessment

1. Macroeconomy

S.no.	ISA member countries	S.no.	ISA member countries
1	Luxembourg	50	Djibouti
2	Australia	51	Malawi
3	Germany	52	Sri Lanka
4	United Arab Emirates	53	Bolivia
5	Sweden	54	El Salvador
6	Denmark	55	Cambodia
7	Japan	56	Bangladesh
8	France	57	Benin
9	Netherlands	58	Gambia
10	United Kingdom	59	Madagascar
11	Saudi Arabia	60	Argentina
12	Botswana	61	Barbados
13	Mauritius	62	Côte d'Ivoire
14	Chile	63	Zambia
15	Italy	64	Egypt
16	Oman	65	Papua New Guinea
17	Peru	66	Guinea
18	Palau	67	Nauru
19	Fiji	68	Belize
20	Saint Lucia	69	Guinea-Bissau
21	Saint Kitts and Nevis	70	Gabon
22	Guyana	71	Togolese Republic
23	Tonga	72	Nigeria
24	Brazil	73	Sao Tome and Principe
25	Ghana	74	Algeria
26	Saint Vincent and the Grenadines	75	Mozambique
27	India	76	Comoros
28	Namibia	77	Equatorial Guinea
29	Grenada	78	Ethiopia
30	Morocco	79	Burkina Faso
31	Kiribati	80	Nicaragua
32	Costa Rica	81	Niger
33	Seychelles	82	Zimbabwe
34		83	Haiti
35	Irinidad and Tobago	84	Cameroon
36	Paraguay	85	
37	Rwanda	86	
38	Cape verde	8/	Suriname
39	Tanzania Marahallislanda	88	Myanmar Dumun di
40		89	Burunai
41	Greece	90	
42	Ilganda	91	Domocratic Popublic of Congo
43	Vanuatu	92	Somalia
44	Sonogal	95	South Sudan
45	Dominican Republic	94	Vemen
40		95	Sudan
47	Tuvalu	07	Cuba
40	Samoa	00	Venezuela
43	Juniua	30	VCHCZUCIO

2. Policy enablers

S.no.	ISA member countries	S.no.	ISA member countries
1	India	50	Mozambique
2	Greece	51	Mali
3	Chile	52	Malawi
4	Sweden	53	Bangladesh
5	Netherlands	54	Haiti
6	Denmark	55	Saint Vincent and the Grenadines
7	Germany	56	Zambia
8	France	57	Dominica
9	Argentina	58	Ethiopia
10	Italy	59	Namibia
11	Australia	60	Paraguay
12	United Kingdom	61	Côte d'Ivoire
13	Brazil	62	Benin
14	Ghana	63	Guyana
15	Seychelles	64	Cambodia
16	Dominican Republic	65	Belize
17	Nicaragua	66	Zimbabwe
18	Trinidad and Tobago	67	Papua New Guinea
19	Jamaica	68	Tuvalu
20	Peru	69	Kiribati
21	Fiji	70	Togolese Republic
22	Burkina Faso	71	Niger
23	Sri Lanka	72	Gambia
24	El Salvador	73	Madagascar
25	Cape Verde	74	Guinea
26	United Arab Emirates	75	Cameroon
27	Japan	76	Djibouti
28	Rwanda	77	Liberia
29	Nigeria	78	Marshall islands
30	Bolivia	79	Burundi
31	Luxembourg	80	Comoros
32	Palau	81	Chad
33	Senegal	82	Democratic Republic of Congo
34	Tanzania	83	Saint Kitts and Nevis
35	Barbados	84	Venezuela
36	Uganda	85	Eritrea
37	Morocco	86	Somalia
38	Saudi Arabia	87	Samoa –
39	Mauritius	88	Tonga
40	Algeria	89	Niyanmar
41		90	
42	Saint Lucia	91	Sao Tome and Principe
43		92	
44	Oman	93	Guinea-BISSau
45	Grenada	94	
46	Botswana	95	Sudan
4/		96	remen
48	Suriname	97	Nauru
49	Vanuatu	98	South Sudan

S.no.	ISA member countries	S.no.	ISA member countries
1	Oman	50	Rwanda
2	Egypt	51	Nicaragua
3	Chad	52	Mauritius
4	Saudi Arabia	53	Eritrea
5	United Arab Emirates	54	Kiribati
6	Botswana	55	Djibouti
7	Mali	56	Palau
8	Somalia	57	Dominica
9	El Salvador	58	Costa Rica
10	Senegal	59	Algeria
11	Ethiopia	60	Zambia
12	Nauru	61	Samoa
13	Gambia	62	Tonga
14	Barbados	63	Burkina Faso
15	Chile	64	Myanmar
16	Zimbabwe	65	Bangladesh
17	Cape Verde	66	Equatorial Guinea
18	Australia	67	Gabon
19	South Sudan	68	Guinea-Bissau
20	Tanzania	69	Guinea
21	Uganda	70	Greece
22	Morocco	71	Saint Lucia
23	Madagascar	72	Grenada
24	Malawi	73	Fiji
25	Seychelles	74	Trinidad and Tobago
26	Saint Kitts and Nevis	75	Cameroon
27	Maldives	76	Vanuatu
28	Haiti	77	Marshall islands
29	Nigeria	78	Sri Lanka
30	Bolivia	79	Togolese Republic
31	Dominican Republic	80	Democratic Republic of Congo
32	Cuba	81	Guyana
33	Yemen	82	Italy
34	Benin	83	Côte d'Ivoire
35	Suriname	84	Cambodia
36	Mozambique	85	Comoros
37	Venezuela	86	Belize
38	Brazil	87	Paraguay
39	Namibia	88	Liberia
40	Tuvalu	89	Japan
41	Sudan	90	France
42	Peru	91	Papua New Guinea
43	Jamaica	92	Sao Tome and Principe
44	Niger	93	Luxembourg
45	Burundi	94	Germany
46	Saint Vincent and the Grenadines	95	Netherlands
47	Ghana	96	Denmark
48	India	97	Sweden
49	Argentina	98	United Kingdom

3. Technological feasibility

4. Market maturity

S.no.	ISA member countries	S.no.	ISA member countries
1	Italy	50	Tuvalu
2	Germany	51	Saint Kitts and Nevis
3	Greece	52	Sweden
4	Chile	53	Trinidad and Tobago
5	Japan	54	Mali
6	Luxembourg	55	Rwanda
7	United Kingdom	56	Burkina Faso
8	Australia	57	Saint Lucia
9	Netherlands	58	Venezuela
10	Denmark	59	Benin
11	France	60	Saint Vincent and the Grenadines
12	Mauritius	61	Uganda
13	Maldives	62	Tanzania
14	Morocco	63	Guinea-Bissau
15	Seychelles	64	Mozambique
16	United Arab Emirates	65	Grenada
17	Egypt	66	Niger
18	Algeria	67	Dominica
19	Saudi Arabia	68	Madagascar
20	Oman	69	Gabon
21	Argentina	70	Malawi
22	El Salvador	71	Guyana
23	Brazil	72	Paraguay
24	Costa Rica	73	Marshall islands
25	Suriname	74	Yemen
26	Dominican Republic	75	Samoa
27	Tonga	76	Fiji
28	Bolivia	77	Nicaragua
29	Peru	78	Namibia
30	Jamaica	79	Kiribati
31	Cape Verde	80	Sudan
32	Belize	81	Cuba
33	India	82	Equatorial Guinea
34	Sri Lanka	83	Cameroon
35	Botswana	84	Comoros
36	Cambodia	85	Vanuatu
37	Bangladesh	86	Sao Tome and Principe
38	Ghana	87	Eritrea
39	Senegal	88	Papua New Guinea
40	Myanmar	89	Djibouti
41	Côte d'Ivoire	90	Togolese Republic
42	Zimbabwe	91	Haití
43	Nigeria	92	Guinea
44	Zambia	93	Somalia
45	Gambia	94	Liberia
46	Barbados	95	Democratic Republic of Congo
47	Palau	96	Burundi
48	Nauru	97	Chad
49	Ethiopia	98	South Sudan

5. Infrastructure

S.no.	ISA member countries	S.no.	ISA member countries
1	United Kingdom	50	Namibia
2	Denmark	51	Gambia
3	Germany	52	Dominica
4	Netherlands	53	Tonga
5	France	54	Bolivia
6	United Arab Emirates	55	Saint Lucia
7	India	56	Cameroon
8	Italy	57	Bangladesh
9	Côte d'Ivoire	58	Botswana
10	Sweden	59	Saint Vincent and the Grenadines
11	Luxembourg	60	Guinea
12	Greece	61	Samoa
13	Morocco	62	Cape Verde
14	Rwanda	63	Papua New Guinea
15	Mauritius	64	Fiji
16	El Salvador	65	Grenada
17	Barbados	66	Palau
18	Ghana	67	Kiribati
19	Argentina	68	Algeria
20	Chile	69	Madagascar
21	Japan	70	Gabon
22	Cuba	71	Egypt
23	Zambia	72	Maldives
24	Oman	73	Guyana
25	Senegal	74	Sudan
26	Tanzania	75	Vanuatu
27	Australia	76	South Sudan
28	Malawi	77	Saint Kitts and Nevis
29	Uganda	78	Yemen
30	Togolese Republic	79	Nauru
31	Burkina Faso	80	Liberia
32	Sri Lanka	81	Guinea-Bissau
33	Brazil	82	Haiti
34	Jamaica	83	Ethiopia
35	Djibouti	84	Tuvalu
36	Costa Rica	85	Myanmar
37	Mozambique	86	Suriname
38	Nicaragua	87	Equatorial Guinea
39	Saudi Arabia	88	Niger
40	Trinidad and Tobago	89	Mali
41	Dominican Republic	90	Democratic Republic of Congo
42	Peru	91	IVIarshall Islands
43		92	Comoros
44	Nigeria	93	Seychelles
45		94	Venezuela
46		95	Somalia
4/	Paraguay	96	Sao Tome and Principe
48	Belize	97	
49	Benin	98	Eritrea

6. Financing

S.no.	ISA member countries	S.no.	ISA member countries
1	Luxembourg	50	Jamaica
2	Japan	51	Egypt
3	Denmark	52	Bangladesh
4	Australia	53	Maldives
5	United Kingdom	54	Algeria
6	France	55	Nauru
7	Sweden	56	Tuvalu
8	Morocco	57	Djibouti
9	Netherlands	58	Argentina
10	Italy	59	Senegal
11	Cambodia	60	Botswana
12	Mauritius	61	Suriname
13	Germany	62	Comoros
14	United Arab Emirates	63	Gabon
15	Barbados	64	Côte d'Ivoire
16	Greece	65	Sao Tome and Principe
17	Palau	66	Ethiopia
18	Kiribati	67	Togolese Republic
19	Chile	68	Burkina Faso
20	Oman	69	Burundi
21	Fiji	70	Mali
22	Bolivia	71	Haiti
23	Saint Kitts and Nevis	72	Mozambique
24	Cape Verde	73	Rwanda
25	Samoa	74	Nigeria
26	Brazil	75	Myanmar
27	El Salvador	76	Equatorial Guinea
28	Costa Rica	77	Benin
29	Grenada	78	Uganda
30	Seychelles	79	Malawi
31	Saudi Arabia	80	Cameroon
32	Trinidad and Tobago	81	Niger
33	Sri Lanka	82	Ghana
34	Yemen	83	Sudan
35	Belize	84	Gambia
36	India T	85	
37	longa	86	Papua New Guinea
38		8/	Guinea
39	Vanuatu	88	
40	Ndifillia	89	Liberia
41		90	
42	Marchall islands	91	Guilled-DISSdu
43		92	Zimbahwa
44	r ai aguay Doru	95	
45	Dominican Republic	94	Cilau South Sudan
40		95	Congo (Dem Ren)
47	Guyana	07	Somalia
40	Nicaragua	00	Fritroa
43	ivicalagua	30	LITUCA

7. Energy Imperatives

S.no.	ISA member countries	S.no.	ISA member countries
1	Japan	50	Dominican Republic
2	India	51	Jamaica
3	Zambia	52	Senegal
4	Germany	53	Saint Lucia
5	United Arab Emirates	54	Luxembourg
6	Sweden	55	Sri Lanka
7	Oman	56	Côte d'Ivoire
8	Brazil	57	Ethiopia
9	Australia	58	Sao Tome and Principe
10	Saudi Arabia	59	Guyana
11	Argentina	60	Togolese Republic
12	Egypt	61	Uganda
13	France	62	Madagascar
14	Italy	63	Cameroon
15	Netherlands	64	Saint Kitts and Nevis
16	Mozambique	65	Eritrea
17	Algeria	66	Palau
18	United Kingdom	67	Comoros
19	Nauru	68	Grenada
20	Cambodia	69	Fiji
21	Chile	70	Gabon
22	Venezuela	71	Cape Verde
23	Bolivia	72	Ghana
24	Trinidad and Tobago	73	Botswana
25	Congo (Dem. Rep.)	74	Tanzania
26	El Salvador	75	Malawi
27	Greece	76	Yemen
28	Morocco	77	Burundi
29	Belize	78	Nigeria
30	Myanmar	79	Samoa
31	Paraguay	80	Saint Vincent and the Grenadines
32	Zimbabwe	81	Gambia
33	Suriname	82	South Sudan
34	Guinea-Bissau	83	
35	Namibia	84	Papua New Guinea
36	Bangladesn	85	Tonga Dania
3/		80	Benin
38		8/	Foundation Cuines
39	Guined	88	
40	Burkind FdSO	89	SUIIdiid
41	Donmark	90	
42	Mali	91	Vanuatu
45	Sudan	92	Diibouti
44	Souchallas	95	Marshall islands
45	Nicaragua	05	Chad
40	Mauritius	96	Tuvalu
18	Niger	97	Dominica
40	Costa Rica	00	Rwanda
43		90	nwanaa

Appendix 3 References

Algeria

- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA 2. World Bank, https,
- //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups

3. World Bank, https,

IMF https,

1.

- //www.worldbank.org/en/country/algeria/overview
- 4. Trade.gov, https, //www.trade.gov/market-intelligence/algeriasenergy-transition-plan
- 5. Ministry of Energy, Algeria, https, //www.energy.gov.dz/?rubrique=energies-nouvelles-renouvelableset-maitrise-de-Irenergie
- 6. Globaldata, https, //power.globaldata.com/Analysis/TableOfContents/Algeria-Renewable-Energy-Policy-Handbook-2020
- 7. Global Solar Atlas, https, //globalsolaratlas.info/detail?c=28.420391,1.669922,5&r=DZA
- 8. International Energy Agency, https, //www.iea.org/data-andstatistics/data
 - tables?country=ALGERIA&energy=Electricity&year=2018
- 9. Soneglaz, https, //www.sonelgaz.dz/fr 10. UNEP, https, //wedocs.unep.org/bitstream/handle/20.500.11822/20485/Energy_p rofile_Algeria.pdf?sequence=1&isAllowed=y
- 11. IRENA, https, //www.irena.org/Statistics/Download-Data
- Sutherland, https, //www.eversheds-12. sutherland.com/global/en/what/articles/index.page?ArticleID=en/En ergy/Algeria_the_beginning_of_a_new_era_for_foreign_investment s_in_renewables
- 13. IRENA, https, //coalition.irena.org/-/media/Files/IRENA/Coalition-for-Action/Publication/Scaling-up-Renewable-Energy-Investment-in-Emerging-Markets/IRENA-Coalition-for-Action_Algeria_2020.pdf?la=en&hash=B8B4328E567A8633CB3846D7

843502E3C5491437&hash=B8B4328E567A8633CB3846D7843502E3C 5491437

- 14. ESMAP, https, //trackingsdg7.esmap.org/country/algeria
- 15. Climate Laws, https, //climatelaws.org/geographies/algeria/policies/renewable-energy-andenergy-efficiency-development-plan
- 16. Ember Climate, Global Electricity Review 2020; https, //emberclimate.org/global-electricity-review-2021/data-explorer/
- 17. MEI, https, //www.mei.edu/publications/algeria-charts-pathrenewable-energy-sector-development
- 18. AfDB, https, //www.afdb.org/fr/documents/algeria-algeriarenewable-energy-program-arep-green-baseload-sefa-appraisalreport
- 19. Soneglaz, https, //www.sonelgaz.dz/en/2276/development-plan-2018-2028
- 20. AfDB, https, //www.afdb.org/en/countries-north-africaalgeria/algeria-economic-outlook

Argentina

- 1. World Economic Outlook (April 2021); https, //www.imf.org/external/datamapper/NGDP RPCH@WEO/TZA
- 2. Human Development Report 2020 ; http,
- //hdr.undp.org/sites/default/files/hdr2020.pdf
- 3. Country Overview world Bank ; https, //www.worldbank.org/en/country/argentina/overview
- 4. Tracking SDG7 Report; https, //trackingsdg7.esmap.org/country/argentina
- 5. Argentina Overview, IEA; https, //www.iea.org/countries/argentina
- Argentina Power Market Outlook, Global Data; https, 6. //power.globaldata.com/Analysis/TableOfContents/Argentina-Power-Market-Outlook-to-2030--Update-2021---Market-Trends--Regulations--and-Competitive-Landscape
- 7. Renewable Energy Policy Brief Argentina; http, //www.iberglobal.com/files/2016/argentina_renewable_energy.pdf'

- 8. State of Play of Sustainable Building in Latin America 2014; https, //www.uncclearn.org/wpcontent/uploads/library/unep11022015.pdf
- 9. IRAM; https, //www.iram.org.ar/institucional/quienes-somos/
- World bank restructuring paper on PERMER II; https, 10. //documents1.worldbank.org/curated/en/759081603983964392/pdf /Disclosable-Restructuring-Paper-Argentina-Renewable-Energy-for-Rural-Areas-Project-P133288.pdf
- Transmission Projects in Argentina; https, 11. //www.globaltransmission.info/archive.php?id=33943
- 12. PPP Regulation Law; https, //ppp.vialidad.gob.ar/wpcontent/uploads/2017/08/Regulation-Law-27.328.pdf
- 13. Global Electricity Review 2020; https, //ember-climate.org/globalelectricity-review-2021/data-explorer/
- 14. Solar PV analysis, Global Data; https, //power.globaldata.com/Analysis/details/Argentina-Solar-Photovoltaic--PV--Analysis--Market-Outlook-to-2030--Update-2021
- 15. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-34.183918,-62.9167,4&r=ARG
- Argentina Power Market Outlook, Global Data; https, 16. //power.globaldata.com/Analysis/TableOfContents/Argentina-Power-Market-Outlook-to-2030--Update-2021---Market-Trends--Regulations--and-Competitive-Landscape
- 17. Investments in RE; https, //www.ifc.org/wps/wcm/connect/news ext content/ifc external co rporate_site/news+and+events/news/argentina-taps-into-itsrenewable-energy-potential
- 18. Argentina Power market overview; https, //globalclimatescope.org/results/AR#doing-business
- 19. Enabling Wind & PV in Argentina, 2017; https, //www.windenergie.de/fileadmin/redaktion/dokumente/sonstigesoeffentlich/themen/05-internationales/final-report-enabling-windargentina.pdf

Australia

- 1. Real GDP Growth, IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/%20OEM DC/AUS
- World Bank, https,//databank.worldbank.org/source/world-2. development-indicators
- 3. World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=AUS&i ndicator=2787&viz=line_chart&years=1980,2024
- 4. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 5. Australian Government, Department of Industry, Science, Energy and Resources; https, //www.energy.gov.au/households/solar-pv-andbatteries
- New Atlas, https,//newatlas.com/energy/sun-cable-australia-6. singapore-solar-undersea-powerlink/
- 7. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-DataOur World in Data, https, //ourworldindata.org/energy-access
- 8. National Representative

- Bangladesh Real GDP Growth, IMF; https, 1. //www.imf.org/external/datamapper/NGDP_RPCH@WEO/%20OEM DC/ADVEC/WEOWORLD/BGD 2. Economic Outline, Bangladesh, https, //santandertrade.com/en/portal/analysemarkets/bangladesh/economic-outline 3. Living in the light, World Bank, https, //openknowledge.worldbank.org/bitstream/handle/10986/35311/Liv ing-in-the-Light-The-Bangladesh-Solar-Home-Systems-Story.pdf?sequence=1&isAllowed=y%20 4. Asian Development Bank, https, //www.adb.org/sites/default/files/project-5. documents/52362/52362-001-rrp-en.pdf 6. Achieving Sustainable Energy Targets in Bangladesh, United Nations, https,//www.un.org/en/chronicle/article/achieving-sustainableenergy-targets-Bangladesh 7. Global Solar Atlas, https, //globalsolaratlas.info/global-pv-potential-study 8. Asian Development Bank, https, //www.adb.org/sites/default/files/linked-documents/LD-C-Energy-Operations-Assessment.pdf 9. Asian Development Bank, https, //www.adb.org/sites/default/files/linked-documents/42378-014ban-ssa.pdf 10. Asian Development Bank, https, //www.adb.org/sites/default/files/linked-documents/49423-006ssa.pdf 11. Asian Development Bank, https, //www.adb.org/sites/default/files/publication/467886/adbiwp892.pdf 12. Our World in Data, https,//ourworldindata.org/energy-access 13. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&,
- //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y showVizHome=no&publish=yes&, toolbar=no
- 14. International Energy Agency, https, //www.iea.org/policies/ 6098scaling-up-renewable-energy-program-for-bangladesh-srepbangladesh

Barbados

- World Economic Outlook (April 2021); https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA
- 2. Human Development Report 2020 ; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- Barbados Overview; https, //pubdocs.worldbank.org/en/438851586546174000/mpo-brb.pdf
- 4. Tracking SDG7 Report; https,
- //trackingsdg7.esmap.org/country/barbadosSustainable Development Goals Barbados; https,
- Sustainable Development Goals Barbados; https, //sustainabledevelopment.un.org/partnership/?p=233
 Net metering policy; https,
- //support.blpc.com.bb/support/solutions/articles/42000060831applying-for-interconnection-to-the-grid
- 7. ECREU; https, //energy.gov.bb/departments/energy-conservationrenewable-energy/
- 8. National sustainable energy policy; https, //energy.gov.bb/publications/national-sustainable-energy-policy/
- 9. RE fiscal incentives; https, //energy.gov.bb/publications/renewableenergy-and-energy-efficiency-fiscal-incentives/; https, //energy.gov.bb/download/fiscal-incentivebooklet/?wpdmdl=3168&refresh=6132bc05e79a71630714885
- BNEP Policy; https, //energy.gov.bb/publications/barbados-nationalenergy-policy-bnep/; https, //sandbox.7scorp.com/nrd2020/download/national-energy-policy-0010 0020 (2010)
- 2019-2030/?wpdmdl=3330&refresh=6133191b8b31c1630738715 11. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=13.187543,-59.5375,11&r=BRB
- 12. Energy Bulletin; https, //energy.gov.bb/download/energy-bulletin-

2020/?wpdmdl=3417&refresh=61332017015e41630740503 13. Barbados Power Market Outlook, Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Barbados-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles Energy Snapshot Barbados; https, 14. //www.nrel.gov/docs/fy15osti/64118.pdf; https, //www.nrel.gov/docs/fy20osti/76636.pdf Revised requirements for Grid Interconnections; https, 15. //www.ftc.gov.bb/index.php?option=com_content&task=view&id=2 90 16. IRENA August 2021 RE Stats Tool, https, //www.irena.org/Statistics/Download-Data 17. Grid Code; https, //blpc.freshdesk.com/support/solutions/articles/42000061897-thegrid-code-Global Electricity Review 2021; https, //ember-climate.org/global-18. electricity-review-2021/data-explorer/ 19. Implementation Plan, BNEP 2019-30; https, //sandbox.7scorp.com/nrd2020/download/implementation-planbarbados-national-energypolicy/?wpdmdl=3331&refresh=61333aad775221630747309 20. Energy Smart Fund 2; https, //energy.gov.bb/ourprojects/sustainable-energy-investment-programme-energy-smartfund-2/

21. EGFL; https, //www.egfl.bb/financing/renewable-energy/

Belize

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- 2. Human Development Report 2020 ; UNDP; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- 3. Belize Power Market Outlook; Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Belize-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles
- 4. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/belize
- 5. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=17.192092,-88.35835,8&r=BLZ
- 6. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer/
- 7. IRENA Renewable energy Query Tool; IRENA; https, //www.irena.org/Statistics/Download-Data
- 8. Energy Snapshot; NREL; https, //www.nrel.gov/docs/fy15osti/62707.pdf
- 9. Energy Snapshot, US Department of Energy; https, //www.energy.gov/sites/default/files/2020/09/f79/ETI-Energy-Snapshot-Belize_FY20.pdf
- 10. Belize Updated NDC, UNFCC, https, //www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Belize%20 First/Belize%20Updated%20NDC.pdf
- 11. RE funding; Reliefweb; https, //reliefweb.int/report/belize/us50muae-caribbean-renewable-energy-fund-extend-energy-access-ruralcommunities

Benin

- IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA 2. World Bank, https,
- //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- 3. World Bank, https,

1.

- //www.worldbank.org/en/country/benin/overview
- 4. Ministry of Energy, Benin, https, //energie.gouv.bj/article/politiquenationale-de-developpement-des-energies-renouvelables
- 5. PV Magazine, https, //www.pv-magazine.com/2020/01/27/beninintroduces-vat-exemption-on-imports-of-pv-panels/
- 6. Global Solar Atlas, https, //globalsolaratlas.info/detail?c=9.329831,2.312622,7&r=BEN
- 7. IEA, https, //www.iea.org/countries/benin
- 8. ISA, https, //isainfopedia.org/isa-member-countries/cv
- 9. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 10. AfDB, https, //www.afdb.org/fr/news-and-events/benin-nigeriapower-interconnection-project-sharing-energy-in-west-africa-11791
- 11. IRENA, https, //www.irena.org/Statistics/Download-Data
- 12. USAID, https, //www.usaid.gov/powerafrica/benin
- 13. SBEE, Benin, https, //www.sbee.bj/site/nos-activites/distributiondelectricite/
- 14. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
- 15. ESMAP, https, //trackingsdg7.esmap.org/country/benin
- 16. ISA, https, //isainfopedia.org/autorite-de-regulation-de-lelectricitedu-benin-regulatory-authority-electricity-are
- 17. SE4ALL, https, //www.se4all-africa.org/seforall-in-africa/countrydata/benin/
- 18. Power Technology, https, //www.powertechnology.com/marketdata/university-of-benin-solar-pv-parkbattery-energy-storage-system-nigeria/
- 19. SBEE, https, //www.sbee.bj/site/nos-activites/distributiondelectricite/
- 20. ESI Africa, https, //www.esi-africa.com/industry-sectors/finance-andpolicy/benin-results-based-finance-facility-now-open-for-minigridprojects/
- EU, https, 21.
- //ec.europa.eu/commission/presscorner/detail/en/IP_20_2159
- 22. GETInvest, https, //www.get-invest.eu/marketinformation/benin/energy-sector/

Bolivarian Republic of Venezuela

- IMF, https, 1.
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA/VEN
- 2. CIA World Factbook, https, //www.cia.gov/the-worldfactbook/countries/venezuela/#economy
- 3. EIA, https, //www.eia.gov/international/analysis/country/VEN
- 4. Ministry of Popular Power & Electrical Energy, http, //mppee.gob.ve/
- 5. CORPOLEC, http, //www.corpoelec.gob.ve/
- 6. SECC, https, //www.sec.gov/Archives/edgar/data/103198/000119312517376486/ d505622dex99d.htm
- 7. IADB, https, //publications.iadb.org/publications/english/document/A-Look-tothe-Future-for-Venezuela.pdf
- UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC 8.
- 9. ESMAP, https, //trackingsdg7.esmap.org/country/venezuelabolivarian-republic
- 10. IRENA, https, //www.irena.org/Statistics/Download-Data
- Ember Climate, https, //ember-climate.org/global-electricity-review-11. 2021/data-explorer/
- 12. IRENA, https, //www.irena.org/IRENADocuments/Statistical_Profiles/South%20Am erica/Venezuela%20(Bolivarian%20Republic%20of)_South%20Americ a_RE_SP.pdf

- 13. IEA, https, //www.iea.org/policies/5960-venezuela-developmentplan-for-the-national-electric-system-2013-2019-plan-de-desarrollodel-sistema-electrico-nacional-pdsen
- 14. Global Solar Atlas, https,
- //globalsolaratlas.info/detail?r=VEN&c=6.457914,-66.5875,6
- https, //www.iea.org/policies/5966-sowing-light-programme 15.
- 16. https,//www.lloydsbanktrade.com/en/marketpotential/venezuela/investment-environment
- 17. Venezuela power market outlook, Global Data https, //power.globaldata.com/Analysis/TableOfContents/Venezue la-Power-Market-Outlook-to-2030--Update-2018---MarketTrends--Regulations--and-Competitive-Landscape

Bolivia

- World Economic Outlook (April 2021); IMF; https, 1. //www.imf.org/external/datamapper/datasets/WEO
- 2. Human Development Report 2020; UNDP; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- 3. IRENA Renewable energy Query Tool; IRENA; https, //www.irena.org/Statistics/Download-Data
- 4. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/bolivia-plurinational-state
- 5. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-16.395605,-63.55,5&r=BOL
- 6. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer/
- 7. Electricity Generation data; IEA; https, //www.iea.org/data-andstatistics/data
 - browser?country=BOLIVIA&fuel=Energy%20supply&indicator=ElecGe nByFuel
- 8. Bolivia NDC, UNFCC; https, //www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Bolivia%2 0(Plurinational%20State%20of)%20First/INDC-Bolivia-english.pdf
- 9. Power Market overview, Climatescope by BNEF; https, //globalclimatescope.org/results/BO#power-market
- 10. RE Policy; IEA; https, //www.iea.org/policies/5825-bolivia-electricplan-2020-2025-plan-del-sector-electrico-del-estado-plurinacionalde-bolivia-

2025?country=Plurinational%20State%20Of%20Bolivia&qs=bolivia 11. Net Metering, Government of Bolivia; http,

- //www.gacetaoficialdebolivia.gob.bo/edicions/view/1371NEC
- 12. Power Market Overview; ITA, Department of Commerce, USA; https, //www.export.gov/apex/article2?id=Bolivia-Electricity
- 13. Strategic Objective; ENDEI https, //www.ende.bo/public/contrataciones/vigentes/plan_operativo_anu al -poa-.pdf
- 14. Financing of RE; IDB; https, //www.iadb.org/en/news/idb-approves-516-mn-loan-boost-electricity-sector-bolivia
- 15. Financing of RE; AFD, France; https, //www.afd.fr/en/actualites/boosting-bolivias-energy-supply-oneworlds-highest-solar-power-plants
- 16. Electricity Regulation in Bolivia; Thomson Law; https, //uk.practicallaw.thomsonreuters.com/w-013-5362?transitionType=Default&contextData=(sc.Default)&firstPage=tr ue
- Country Economic Forecast, Bolivia; https, 17. //www.oxfordeconomics.com/my-oxford/country-economicforecasts/latin-america/bolivia?back=/my-oxford/by-region/latinamerica/bolivia&backname=Bolivia

Botswana

//www.imf.org/external/datamapper/NGDP_RPCH@WEO/BWANam e of the report,

2. World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups

- 3. Economy, https, //www.economy.com/botswana/indicators
- 4. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
- 5. Global Solar Atlas, https, //globalsolaratlas.info/detail?r=BWA&c=-22.416662,24.6875,6
- 6. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 7. ESMAP, https, //trackingsdg7.esmap.org/country/botswana
- 8. IRENA, https, //www.irena.org/Statistics/Download-Data
- 9. BERA, http, //www.bera.co.bw/downloads/Electricity/Abridged%20IRP%20Repo rt%20Botswana%2016%20November%202020.pdf
- 10. BERA, http, //www.bera.co.bw/

IMF, https,

1.

- 11. IRENA, https, //www.irena.org/publications/2021/Aug/Renewables-Readiness-Assessment-Botswana
- 12. IRENA, https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2021/Aug/IRENA_RRA_Bot swana_2021.pdf
- 13. PV Magazine, https, //www.pvmagazine.com/2020/11/10/botswana-launches-net-meteringscheme-for-rooftop-pv/
- BPC, https, //www.bpc.bw/about-14. us/Annual%20Reports/BPC%20Annual%20Report%202020.pdf
- I am Renew, https, //www.iamrenew.com/green-energy/africa-15. updates-wb-takes-steps-for-re-in-botswana-and-west-africa/
- 16. Afrik 21, https, //www.afrik21.africa/en/botswana-state-promisesmassive-investments-in-renewable-energy/
- 17. Energy Utilities, https, //energy-utilities.com/botswana-signsagreements-for-first-solar-ipp-news113441.html
- 18. Africa Energy Portal, https, //africa-energyportal.org/news/botswana-solar-and-thermal-power-plantsplanned-construction-2026

Brazil

- 1. World Economic Outlook (April 2021); https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA
- 2. Human Development Report 2020; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- 3. Brazil Power Market Outlook; https, //power.globaldata.com/Analysis/TableOfContents/Brazil-Power-Market-Outlook-to-2030--Update-2021---Market-Trends--Regulations--and-Competitive-Landscape
- Global Solar Atlas; https, //globalsolaratlas.info/map?c=-15.129112,-4. 54.3875,4&r=BRA
- Global Electricity Review 2021; https, //ember-climate.org/global-5. electricity-review-2021/data-explorer/
- 6. WEF Brazil Market Analysis; http, //www3.weforum.org/docs/WEF_System_Value_Brazil_Market_Ana lysis 2020.pdf
- 7. Brazil Power Market; https, //globalclimatescope.org/results/BR#clean-energy-investment
- 8. Ten-Year Expansion Plan; https, //www.epe.gov.br/sitesen/publicacoes-dados-
- abertos/publicacoes/PublicacoesArquivos/publicacao-212/Executive%20Summary%20PDE%202029.pdf
- 9. Renewable energy auctions; https, //www.iea.org/policies/5750brazil-renewable-energy-
- auctions?country=Brazil&qs=brazil&topic=Renewable%20Energy 10. Innova Energia Program; https, //www.iea.org/policies/2660-brazilinova-energiaprogram?country=Brazil&qs=brazil&topic=Renewable%20Energy

11. https,

//www.bndes.gov.br/SiteBNDES/bndes/bndes_en/Institucional/Pres s/Destaques_Primeira_Pagina/20210517-bndes-profit-continues-torise-and-disbursements-grow-to-meet-needs-during-the-crisis.html Loan for Financing of RE projects; https,

- 12. //pressroom.ifc.org/all/pages/PressDetail.aspx?ID=26349 13. Green Bonds; https,
- //publications.iadb.org/publications/english/document/Green-Infrastructure-Investment-Opportunities-Brazil-2019.pdf 14. Battery Storage System; http,

//www.vale.com/EN/aboutvale/news/Pages/vale-is-installing-atilha-guaiba-terminal-tig-in-rio-de-janeiro-one-of-the-countryslargest-battery-energy-storage.aspx

15. Tracking SDG7 Report; https, //trackingsdg7.esmap.org/country/brazil 16. Country Economic Forecast Brazil; https,

//www.oxfordeconomics.com/my-oxford/country-economicforecasts/latin-america/brazil?back=/my-oxford/by-region/latinamerica/brazil&backname=Brazil

Burkina Faso

- 1. IMF, https, //www.imf.org/external/datamapper/NGDP RPCH@WEO/TZA 2. World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519-
- world-bank-country-and-lending-groups
- 3. World Bank, https,
 - //www.worldbank.org/en/country/burkinafaso/overview
- 4. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 5. ESMAP, https, //trackingsdg7.esmap.org/country/burkina-faso 6. Global Solar Atlas, https,
 - //globalsolaratlas.info/detail?c=12.254128,-1.549072,7&r=BFA
- 7. USAID, https, //www.usaid.gov/powerafrica/burkina-faso
- 8. EID, https, //www.eib.org/en/press/all/2021-037-eur-38-5m-eibbacking-for-solar-power-and-flood-protection-in-burkina-faso
- 9. World Bank, https, //www.worldbank.org/en/news/pressrelease/2021/06/21/scaled-up-support-for-solar-energy-productionand-rural-electrification-in-burkina-faso
- 10. ARSE, https, //www.arse.bf/
- IRENA, https, //www.irena.org/Statistics/Download-Data 11.
- 12. UNEP, https, //wedocs.unep.org/bitstream/handle/20.500.11822/20481/Energy_ profile Burkina.pdf?sequence=1&isAllowed=y
- 13. MERCOM, https, //mercomindia.com/gcf-27-million-solar-minigrids-burkina-faso/
- 14. Powerforall, https,

//www.powerforall.org/application/files/4115/3803/7129/Burkina_ Faso.pdf

- 15. DEVEX, https, //www.devex.com/news/in-burkina-faso-solar-inhumanitarian-settings-is-gaining-ground-99702
- 16. World Bank, https,

//www.worldbank.org/en/results/2021/01/05/increasing-access-tostable-reliable-and-affordable-energy-for-the-citizens-of-theeconomic-community-of-west-african-states

17. World Bank, https,

//documents1.worldbank.org/curated/en/889901551115559831/pd f/Concept-Project-Information-Document-PID-BURKINA-FASO-ELECTRICITY-ACCESS-PROJECT-P166785.pdf

Burundi

- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA 2. World Bank, https,
- //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- 3. World Bank, https,

IMF, https,

1.

- //www.worldbank.org/en/country/burundi/overview#1 4. Global Edge, https,
- //globaledge.msu.edu/countries/burundi/economy
- 5. GETInvest, https, //www.get-invest.eu/market-information/burundi/
- 6. Global Climatescope, https, //global-climatescope.org/results/BI
- 7. ESMAP, https, //trackingsdg7.esmap.org/country/burundi
- 8. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC 9. Global Solar Atlas, https,
- //globalsolaratlas.info/detail?c=9.329831,2.312622,7&r=BEN 10. IRENA, https, //www.irena.org/Statistics/Download-Data
- Ember Climate, https, //ember-climate.org/global-electricity-review-11. 2021/data-explorer/
- UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC 12.
- 13. ESMAP, https, //trackingsdg7.esmap.org/country/burundi
- 14. AFDB, https, //www.afdb.org/fr/news-and-events/pressreleases/burundi-african-development-banks-sefa-grants-1-millionsupport-innovative-solar-hydro-hybrid-project-33294
- 15. Global Solar Atlas, https, //globalsolaratlas.info/detail?c=-3.388102,29.925,8&r=BDI
- World Bank, https, 16. //documents1.worldbank.org/curated/en/729191565283179350/pdf /Concept-Project-Information-Document-PID-Burundi-Access-to-Sustainable-Energy-P164435.pdf
- 17. IRENA, https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Burun di_Africa_RE_SP.pdf
- 18. https,
 - //documents1.worldbank.org/curated/en/224921560147541144/pdf /Sustainable-Energy-for-All-Technical-Assistance-Program-S-TAP-for-Burundi-Summary-Report.pdf
- 19. https, //ewsdata.rightsindevelopment.org/files/documents/35/WB-P164435.pdf

Cabo Verde

- 1. IMF, https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA 2. World Bank, https,

//datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups

- 3. World Bank, https,
 - //www.worldbank.org/en/country/caboverde/overview
- 4. Trade.Gov, https, //www.trade.gov/country-commercialguides/cabo-verde-renewable-energy
- 5. Data Explorer - Ember; https, //ember-climate.org/global-electricityreview-2021/data-explorer/
- 6. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3AEC
- 7. IRENA, https, //www.irena.org/Statistics/Download-Data
- 8. UNEP.https. //wedocs.unep.org/bitstream/handle/20.500.11822/20498/Energy p
- rofile_Cape%20Verde.pdf?sequence=1&isAllowed=y 9. UNDP, https,
- //info.undp.org/docs/pdc/Documents/CPV/PIMS%204996%20-%20UNDP%20GEF%20Cape%20Verde%20Project%20Final.pdf
- 10. ESMAP, https, //trackingsdg7.esmap.org/country/cabo-verde 11. Government of Cabo Verde, https, //peds.gov.cv/caboverdef4dev/wp
 - content/uploads/2018/12/Ennergy-Sector-web.pdf
- 12. Global Solar Atlas, https, //globalsolaratlas.info/map
- 13. African Development Bank; https,

//www.afdb.org/en/documents/document/cape-verde-electricitytransmission-and-distribution-network-development-project-esmpsummary-24492

- 14. Africa Finance Corporation, https, //www.africafc.org/wpcontent/uploads/2019/03/Full-Report-Cabeolica-Investment-Impact-Study.pdf
- 15. https,

//documents1.worldbank.org/curated/en/734021628260766519/pdf /Project-Information-Document-Cabo-Verde-Renewable-Energy-and-Improved-Utility-Performance-Project-P170236.pdf

https,//www.afdb.org/en/news-and-events/blue-economy-cape-16. verde-wins-sefa-grant-to-develop-revolutionary-wave-powereddesalination-system-15296

Cambodia

- World Economic Outlook (April 2021); IMF; https, 1. //www.imf.org/external/datamapper/datasets/WEO Loan for Power sector Expansion; ADB; https, 2. //www.adb.org/news/127-8-mn-adb-loan-help-expand-power-gridcambodia IRENA Renewable energy Query Tool; IRENA; https, 3. //www.irena.org/Statistics/Download-Data 4. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/cambodia Global Solar Atlas; https, 5. //globalsolaratlas.info/detail?c=12.315058,104.97915,7&r=KHM 6. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer/ 7. Power Market overview, Climatescope by BNEF; https, //globalclimatescope.org/results/KH#clean-energy-investment 8. Bolivia NDC, UNFCC; https, //www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Bolivia%2 0(Plurinational%20State%20of)%20First/INDC-Bolivia-english.pdf 9. Cambodia Energy Assessment Roadmap; ADB; https, //www.adb.org/sites/default/files/institutionaldocument/479941/cambodia-energy-assessment-road-map.pdf 10. Cambodia Basic Energy Plan, ERIA; https, //www.eria.org/uploads/media/CAMBODIA_BEP_Fullreport_1.pdf Cambodia - Country Commercial Guide; International Trade 11. Administration; USA; https, //www.trade.gov/country-commercialguides/cambodia-power-generation-equipment 12. Power Sector overview; Cambodia Invest; http, //www.cambodiainvestment.gov.kh/investorsinformation/infrastructure/electricity.html
- 13. Key developments in the energy sector 2020; EAC; https, //eac.gov.kh/site/annualreport
- RE financing, ADB; https, //www.adb.org/projects/51182-14. 001/main#project-pds
- 15. Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/asia-pacific/cambodia?back=/my-oxford/by-region/asiapacific/cambodia&backname=Cambodia

Cameroon

- 1. IMF, https, //www.imf.org/external/datamapper/NGDP RPCH@WEO/CMRNam e of the report, Organization <link> 2. World Bank, https,
- //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- Economy, https, //www.economy.com/cameroon/indicators 3.
- 4. Ministry of Water Resources & Energy, https, //minee.cm/index.php?id=105
- 5. ARSEL, http, //arsel-cm.org/arsel/?lang=en
- Global Solar Atlas; https, 6.
- //globalsolaratlas.info/detail?r=CMR&c=7.407793,12.34585,6 7. ESMAP, https, //trackingsdg7.esmap.org/country/cameroon
- 8. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 9. World Bank, https, //documents1.worldbank.org/curated/en/129831525961045843/pdf /Cameroon-CM-Energy-Sector-Development-SIL-FY08.pdf
- 10. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
- 11. IRENA; https, //www.irena.org/Statistics/Download-Data
- 12. Afrik21, https, //www.afrik21.africa/en/cameroon-ustda-grantsaccess-to-electricity-via-solar-mini-grids/
- 13. USAID, https, //www.usaid.gov/sites/default/files/documents/1860/PAOP-Cameroon-MarketAssessment-Final-Digital 508.pdf
- 14. Africa Energy Portal, https, //africa-energyportal.org/news/cameroon-european-union-injects-cfa-10-billionrural-electrification
- Afrik21, https, //www.afrik21.africa/en/cameroon-chinese-15. sinohydro-wins-new-renewable-energy-project/
- 16. AfDB, https, //projectsportal.afdb.org/dataportal/VProject/show/P-Z1-FA0-152

Chad

- 1. IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TCDName
- of the report, Organization <link> 2. World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519
 - world-bank-country-and-lending-groups
- 3. World Bank, https,
 - //www.worldbank.org/en/country/chad/overview#1
- 4. UNEP, https, //wedocs.unep.org/bitstream/handle/20.500.11822/20496/Energy_p rofile_Chad.pdf?sequence=1&isAllowed=y
- 5. Afrik21, https, //www.afrik21.africa/en/chad-state-targets-20-re-inits-energy-mix-by-2030/
- 6. IRENA, https, //www.irena.org/ADFD/Selected-Projects Global Solar Atlas, https, 7.
- //globalsolaratlas.info/detail?r=TCD&c=15.605685,18.73335,5
- 8. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 9. ESMAP, https, //trackingsdg7.esmap.org/country/chad
- 10. SE4ALL, https, //www.se4all-africa.org/seforall-in-africa/countrydata/chad/
- 11. World Bankhttps, //documents1.worldbank.org/curated/en/414261589486581801/pdf /Project-Information-Document-Integrated-Safeguards-Data-Sheet-Cameroon-Chad-Power-Interconnection-Project-P168185.pdf
- 12. IISD, http, //sdg.iisd.org/news/gef-promotes-renewable-energy-minigrids-in-chad/
- 13. AfDB, https, //projectsportal.afdb.org/dataportal/VProject/show/P-TD-FF0-002
- Africa Energy Portal, https, //africa-energy-portal.org/news/chad-14. merl-solar-supply-100-mwp-two-solar-power-plants-gaoui
- 15. Africa Energy Portal, https, //africa-energy-

portal.org/news/overseas-private-investment-corporation-commitsus10-million-grid-solar-chad

- 16. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
- 17. IRENA, https, //www.irena.org/Statistics/Download-Data
- EIB, https, //www.eib.org/en/stories/solar-energy-shines-in-chad 18.
- 19. REN21, https, //www.ren21.net/reports/global-status-report/

	Chile
1.	World Economic Outlook (April 2021); IMF; https,
	//www.imf.org/external/datamapper/datasets/WEO
2.	Human Development Report 2020 ; UNDP; http,
	//hdr.undp.org/sites/default/files/hdr2020.pdf
3.	Chile Power Market Outlook; Global Data; https,
	//power.globaldata.com/Analysis/TableOfContents/Chile-Power-
	Market-Outlook-to-2030Update-2021Market-Trends
	Regulationsand-Competitive-Landscape
4.	Tracking SDG7 Report; ESMAP; https,
	//trackingsdg7.esmap.org/country/chile
5.	Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-
	32.281463,-73.90835,4&r=CHL
6.	Global Electricity Review 2021; EMBER; https, //ember-
	climate.org/global-electricity-review-2021/data-explorer/
7.	IRENA Renewable energy Query Tool; IRENA; https,
	//www.irena.org/Statistics/Download-Data
8.	Power Market Overview; Climatescope by Bloomber NEF; https,
	<pre>//global-climatescope.org/results/CL#power-market</pre>
9.	Transmission project; Global Transmission; https,
	//www.globaltransmission.info/archive.php?id=29135
10.	Innovative Decarbonization Policies; Renewable Energy Institute;
	https, //www.renewable-
	ei.org/en/activities/column/REupdate/20201224.php
11.	Net Billing Law; IEA; https, //www.iea.org/policies/12967-new-net-
	billing-and-distributed-generation-law-law-
	21118?country=Chile&qs=chile&topic=Renewable%20Energy
12.	Market Instruments for Climate Change Mitigation; World Bank;
	https,//www.worldbank.org/en/results/2021/02/15/market-
	instruments-for-climate-change-mitigation
13.	RE financing, Climate Investment Fund; https,
	//www.climateinvestmentfunds.org/news/world-first-new-financial-
	model-drives-chile%E2%80%99s-decarbonization
14.	Credit Line for RE; CORFO; https,
	//www.corfo.cl/sites/cpp/sala_de_prensa/nacional/10_06_2020_corf
45	o_crea_credito_verde
15.	RE financing; IDB Invest; https, //idbinvest.org/en/news-media/idb-
	invest-promotes-expansion-chiles-energy-matrix-financing-five-
	renewable-energy
16.	Energy Projections & Opportunities; Invest in Chile; https,
	//investchile.gob.cl/wp-content/uploads/2021/04/03ebook-energia-
47	engpat
17.	EY RECIA Index; https, //assets.ey.com/content/dam/ey-sites/ey-

com/en gl/topics/power-and-utilities/power-and-utilities-pdf/eyrecai-57th-edition-may-2021-full-report.pdf

Comoros

- IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA/COM Name of the report, Organization <link>
- World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- Britannica Encyclopaedia, https, //www.britannica.com/place/Comoros/People#ref1440
 AfDB, https, //www.afdb.org/en/countries/east-
- 4. AfDB, https, //www.afdb.org/en/countries/eastafrica/comoros/comoros-economic-outlook
- World Bank, https, //documents1.worldbank.org/curated/en/798141591296753411/pdf /Comoros-Solar-Energy-Integration-Platform-Project.pdf
- Climate Investment Funds, https, //climateinvestmentfunds.org/sites/default/files/meetingdocuments/comoros_eoi_0.pdf
- Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 8. IRENA, https, //www.irena.org/Statistics/Download-query-tools
- 9. Ministry of Economy, France, https, //www.tresor.economie.gouv.fr/PagesInternationales/Pages/31dece 78-7f41-4298-a449-6fe1c8eeaeab/files/73bf9f3f-3a2c-4f01-ba51db7342381b70
- 10. UN Data, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
- ESMAP, https, //trackingsdg7.esmap.org/country/comoros
 Climate Investment Fund, https,
- //climateinvestmentfunds.org/sites/default/files/meetingdocuments/comoros_eoi_0.pdf
- 13. AfDB, https, //www.afdb.org/en/news-and-events/sefa-grantscomoros-us-480-000-to-facilitate-private-sector-investments-inrenewable-energy-sector-13681
- AfDB, https, //www.afdb.org/en/documents/comoros-promotionrenewable-energy-comoros-enabling-environment-sefa-appraisalreport
- 15. Cadmus, https, //cadmus.eui.eu/bitstream/handle/1814/61249/190214_FSR_IOC_C omparativestudyonREandElectricityAccess.pdf?sequence=1
- Global Solar Atlas, https, //globalsolaratlas.info/detail?r=COM&c=-11.892207,43.8833,9

Costa Rica

- 1. World Economic Outlook (April 2021); https://www.imf.org/external/datamapper/datasets/WEO
- Human Development Report 2020 ; http://hdr.undp.org/sites/default/files/hdr2020.pdf
- Costa Rica Power Market Outlook; https://power.globaldata.com/Analysis/TableOfContents/Costa-Rica-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles?ReportGeographyId=100061
- 4. Tracking SDG7 Report; https://trackingsdg7.esmap.org/country/jamaica
- Global Solar Atlas; https://globalsolaratlas.info/detail?c=8.374562,-84.814453,6&r=CRI
- 6. Global Electricity Review 2021; https://ember-climate.org/globalelectricity-review-2021/data-explorer/
- 7. IRENA Renewable energy Query Tool; https://www.irena.org/Statistics/Download-Data
- 8. Costa Rica's Electricity Generation; IEEFA; https://ieefa.org/costaricas-electricity-generation-was-99-renewable-in-2019/
- 9. Power Market Overview; Climatescope by Bloomberg NEF; https://global-climatescope.org/results/CR
- 10. The regulations of distributed power generation in costa rica; IADB; https://publications.iadb.org/publications/english/document/The-Regulation-of-Distributed-Solar-Power-Generation-in-Costa-Rica-

Status-Challenges-and-Options-for-the-Future-.pdf

- Costa Rica Country Profile; Green Fiscal Policy Network; https://greenfiscalpolicy.org/policy_briefs/costa-rica-country-profile/
 Promotion of Green projects: IEC:
- Promotion of Green projects; IFC; https://pressroom.ifc.org/all/pages/PressDetail.aspx?ID=24663
 Funding to Costa Rica for post Covid Recovery; World Bank;
- 13. Funding to Costa Rica for post covid Recovery, word Bank, https://www.worldbank.org/en/news/pressrelease/2021/06/29/costa-rica-recibe-us-300-millones-del-bancomundial-para-apoyar-la-recuperaci-n-pospandemia
- 14. Agreement to promote Green Credit; CABEI; https://www.bcie.org/en/news-and-media/news/article/cabei-andbanco-promerica-of-costa-rica-sign-agreement-to-promote-greencredit

Democratic Republic of Congo

- Project detail, Global Solar Atlas; https, //globalsolaratlas.info/detail?c=9.196536,40.49585,6&r=ETH
 GDP(current), World Bank; https,
- //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=CD
 Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. General government debt, IMF; https, //www.imf.org/external/datamapper/GG_DEBT_GDP@GDD/SWE
- DRC economic outlook, AFDB; https, //www.afdb.org/en/countriescentral-africa-democratic-republic-congo/democratic-republiccongo-economic-outlook
- Overview, World Bank; https, //www.worldbank.org/en/country/drc/overview#1
- DRC Reports, Moody's; Democratic Republic of the Congo, Govt. of | Reports | Moody's (moodys.com)
- Policies database, IEA; https, //www.iea.org/policies?country=Democratic%20Republic%20Of%20T he%20Congo
- 9. DRC introduction, Global EDGE; https, //globaledge.msu.edu/countries/democratic-republic-of-the-congo
- 10. World Energy Council; https, //www.worldenergy.org/impactcommunities/members/entry/congo-democratic-republic-of
- Democratic Republic of Congo, Lighting Africa; https, //www.lightingafrica.org/country/democratic-republic-of-congo/
 DRC power Africa factsheet, USAID; https,
- DRC power Africa factsheet, USAID; https, //www.usaid.gov/powerafrica/democratic-republic-congo
- 13. DRC EASE, World Bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P156208
- 14. Percapita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 15. Country reports, Tracking SDG7; https,
- //trackingsdg7.esmap.org/country/democratic-republic-congo
 African energy portal; https, //africa-energy-portal.org/news/dealsigned-40-mw-solar-park-dr-congo
- 17. African energy portal; https, //africa-energy-portal.org/news/drclargest-solar-power-plant-project-cards
- African energy portal; https, //africa-energy-portal.org/news/africandevelopment-bank-approves-20-million-facility-green-mini-gridprogram-democratic-republic-congo

Côte D'Ivoire

- Global solar atlas; https://globalsolaratlas.info/detail?c=14.509144,-1. 14.436035,7&r=CIV
- 2. GDP (current), World Bank; https://data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=CI
- 3. Real GDP growth, IMF; https://www.imf.org/external/datamapper/NGDP RPCH@WEO/OE MDC/ADVEC/W
- Cote divoire economic outlook, AFDB; 4. https://www.afdb.org/en/countries/west-africa/coted%E2%80%99ivoire/cote-divoire-economic-outlook
- 5. Overview, World Bank; https://www.worldbank.org/en/country/cotedivoire/overview 6. Country reports, Tracking SDG7;
- https://trackingsdg7.esmap.org/time?country=Sao%20Tome%20and %20Principe
- 7. Credit rating, Moodys; https://www.moodys.com/creditratings/Cote-dlvoire-Government-of-credit-rating-806356851/ratings/view-by-class
- 8. Scaling solar; https://www.scalingsolar.org/activeengagements/cote-divoire/
- 9. Power Africa fact sheet, USAID;
- https://www.usaid.gov/powerafrica/cote-divoire 10. Energy profile, IRENA;
- https://www.irena.org/IRENADocuments/Statistical_Profiles/Africa/C ote%20d'Ivoire Africa RE SP.pdf
- 11. PAOP Cote divoire market assessment, USAID; https://www.usaid.gov/sites/default/files/documents/1860/PAOP-CIV-MarketAssessment-Final_508.pdf
- 12. World Bank; https://documents1.worldbank.org/curated/en/43960148675450865 8/pdf/PIDISDS-APR-Print-P157055-02-10-2017-1486754503847.pdf
- 13. UNEP; https://wedocs.unep.org/bitstream/handle/20.500.11822/20493/En ergy_profile_CotedIvoire.pdf?sequence=1&isAllowed=y
- Green climate fund; 14. https://www.greenclimate.fund/sites/default/files/document/fundin g-proposal-fp105-boad-multiple-countries.pdf
- 15. Lighting Africa; https://www.lightingafrica.org/country/cote-divoire/ 16. World Bank;
- https://www.worldbank.org/en/news/feature/2020/07/23/thesecret-to-cote-divoires-electric-success
- 17. World Bank; https://www.worldbank.org/en/news/loanscredits/2017/11/17/west-african-power-pool-wapp-cote-divoireliberia-sierra-leone-and-guinea-power-interconnection-project 18. IFC Cote d'ivorie report, IFC;
- https://www.ifc.org/wps/wcm/connect/3bacce14-0e4d-4f79-9cc8e6d70a15407d/IFC-Cote dlvoire-report-v11-FINAL.PDF?MOD=AJPERES&CVID=mhF-kt3

Cuba

- 1. Credit Rating, Moody's; https://www.moodys.com/creditratings/Cuba-Government-of-credit-rating-216150
- 2. Country Economic Forecasts, Oxford Economics; https://www.oxfordeconomics.com/my-oxford/country-economicforecasts/latin-america/cuba?back=/my-oxford/by-region/latinamerica/cuba&backname=Cuba
- 3. Cuba Renewable Energy Target, IRENA; https://www.irena.org/newsroom/articles/2018/Feb/Embracing-Renewables-in-Cuba
- 4. Cuba Investment Plan. IRENA; https://www.irena.org/newsroom/pressreleases/2016/Aug/Cuba-Seeks-to-Expand-Role-of-Renewable-Energy
- 5. Electricity Generation, UN; http://data.un.org/Data.aspx?q=electricity&d=EDATA&f=cmID%3aEL

- #EDATA 6. IRENA Query Tool; http://pxweb.irena.org/pxweb/en/IRENASTAT 7. Global Horizontal Irradiation, Global Solar atlas; https://globalsolaratlas.info/map?c=21.560259,-79.54165,6&r=CUB Per Capita Consumption, Our World in Data; 8. https://ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table 9. Global PV power potential, World Bank; https://datacatalog.worldbank.org/dataset/global-photovoltaicpower-potential-country 10. Cuba Sustainable Energy Forum; https://www.rvo.nl/sites/default/files/2018/06/TNO-report-Cuba-Sustainable-Energy-Forum.pdf 11. Cuba Power Sector Overview; https://www.edf.org/sites/default/files/cuban-electric-grid.pdf 12. Country Overview, Tracking SDG7; https://trackingsdg7.esmap.org/country/cuba Denmark 1. Nordea, The economic context of Denmark, https,//www.nordeatrade.com/dk/explore-newmarket/denmark/economical-context 2. Real GDP Growth, IMF. https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/DNK Danish Energy Agency, https,//ens.dk/en/about-us/about-danish-3. energy-agency 4. International Energy Agency, https, //www.iea.org/countries/denmark 5. International Energy Agency, https, //www.iea.org/reports/energypolicies-of-iea-countries-denmark-2017-review Danish Energy Agency, https, 6. //ens.dk/sites/ens.dk/files/Analyser/deco19.pdf International Monetary fund, https,//www.imf.org/-7. /media/Files/Publications/WP/2020/English/wpiea2020235-printpdf.ashx 8. Climatemps, http,//www.copenhagen.climatemps.com/sunlight.php 9. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy 10. Danish Energy Agency, https, //ens.dk/sites/ens.dk/files/Globalcooperation/the_danish_energy_m odel.pdf Nordic Energy Regulators, https, 11. //www.nordicenergyregulators.org/about-nordreg/member-states/ Store project European Union, https, //www.store-12. project.eu/documents/target-country-results/en_GB/energy-needsin-denmark-executive-summary 13. Energinet, https,//energinet.dk/ Institute of Energy Economics and Financial Analysis, https, 14. //ieefa.org/wp-content/uploads/2018/02/Power-Industry-Transition-Here-and-Now February-2018.pdf 15. Denmarks Gronne Investerings fond, https, //gronfond.dk/en/omfonden/ 16. World Bank, https, //data.worldbank.org/indicator/EG.ELC.ACCS.ZS?most recent year desc=false 17. Danish Utility Regulator, https,
- //www.ceer.eu/documents/104400/6959701/C20 NR Denmark EN. pdf/c55b534c-a851-db62-bf99-fc56cd333828

Djibouti

- Global solar atlas; https, //globalsolaratlas.info/detail?c=11.813965,42.60415,8&r=DJI
 GDP(current), World Bank; https,
- //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=DJReal GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- Eastern African power pool; https, //eappool.org/
 Per capita electricity, Our world in data; https,
- //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Djibouti
- Doing business, World Bank; https, //documents1.worldbank.org/curated/en/688761571934946384/pdf /Doing-Business-2020-Comparing-Business-Regulation-in-190-Economies.pdf
- Djibouti energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Djibou ti_Africa_RE_SP.pdf
- Global data; https, //power.globaldata.com/deals/facts/djiboutilaunches-solar-power-project-plans-for-windproject_1060423?geographyld=100069
- 10. World bank; https,
- //www.worldbank.org/en/country/djibouti/overview#1Djibouti market brief; https,
- //www.ruralelec.org/sites/default/files/aeep_djibouti_country_mark 6.
 et_brief_en.pdf
- 12. US embassy Djibouti; https, //dj.usembassy.gov/cr-energy-conceptsrenewable-energy-park-implementation-agreement/
- MIGA; https, //redseapower.dj/miga-ghoubet-djibouti-windfarmproject/
- Geothermal development in eastern Africa, IRENA; https,
 //www.irena.org/ /media/Files/IRENA/Agency/Publication/2020/Nov/IRENA_Geotherm
 al_Eastern_Africa_2020.pdf
- 15. Djibouti RRA, IRENA; https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2015/IRENA_RRA_Djibout_2 015_EN.pdf
- 16. Power Africa fact sheet, USAID; https, //www.usaid.gov/powerafrica/djibouti
- 17. EIU; http,
- //country.eiu.com/article.aspx?articleid=1278133511&Countr
- 18. UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20491/Energy_p rofile_Djibouti.pdf?sequence=1&isAllowed=y

Dominica

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Human Development Report 2020 ; UNDP; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- Dominica Power Market Outlook; Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Power-Marketin-CARICOM-and-Associated-Countries---Installed-Capacity--Capacity-Mix--Renewable-Roadmap--Electricity-Tariffs-and-Future-Outlook-to-2030?ReportGeographyId=100070
- 4. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/dominica
- 5. Global Solar Atlas; https, //globalsolaratlas.info/map?c=15.425113,-61.3625,10&r=DMA
- 6. Global Electricity Review 2021; EMBER; https, //emberclimate.org/global-electricity-review-2021/data-explorer/
- 7. IRENA Renewable energy Query Tool; IRENA; https, //www.irena.org/Statistics/Download-Data

- //www.nrel.gov/docs/fy15osti/62704.pdf
 9. World Bank investment in Dominica; World Bank; https, //www.worldbank.org/en/news/press-release/2019/03/18/firstworld-bank-geothermal-investment-in-the-caribbean-for-a-greenerand-resilient-future
 10. Energy Snapshot; US Department of Energy; https,
- //www.energy.gov/sites/default/files/2020/09/f79/ETI-Energy-Snapshot-Dominica_FY20.pdf
 Impact of Hurricane Maria on Dominica; ACAPS; https,

Energy Snapshot; NREL; https,

8.

11. Impact of Hurricane Maria on Dominica; ACAPS; https, //www.acaps.org/sites/acaps/files/products/files/20180131_acaps_d isaster_profile_dominica_v2.pdf

Dominican Republic

- 1. World Economic Outlook (April 2021); https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA 2. Human Development Report 2020 ; http, //hdr.undp.org/sites/default/files/hdr2020.pdf 3. Dominican Republic Power Market Outlook; https, //power.globaldata.com/Analysis/TableOfContents/Dominican-Republic-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles?ReportGeographyId=100071 4. Tracking SDG7 Report; https, //trackingsdg7.esmap.org/country/dominican-republic 5. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=18.708615,-70.1625,8&r=DOM Global Electricity Review 2021; https, //ember-climate.org/globalelectricity-review-2021/data-explorer/ 7. IRENA Renewable energy Query Tool; https, //www.irena.org/Statistics/Download-Data 8. Energy Snapshot Dominican Republic; https, //www.nrel.gov/docs/fy15osti/64125.pdf 9. Power Market Overview; https, //globalclimatescope.org/results/DO#power-market Country Commercial Guide; https, //www.trade.gov/countrycommercial-guides/dominican-republic-renewable-energy 11. Energy report card; https, //europa.eu/capacity4dev/file/88824/download?token=IFvP5JCK 12. Energy Snapshot; https, //www.energy.gov/sites/default/files/2020/09/f79/ETI-Energy-Snapshot-Dominican-Republic_FY20.pdf 13. Country Commercial Guide; https, //www.trade.gov/countrycommercial-guides/dominican-republic-renewable-energy 14. Renewable Energy report; https, //islands.irena.org/-/media/Files/IRENA/Sids/Publications/Dominican-Republic-_-Renewable-Energy-Prospects.ashx?la=en&hash=9C15CD9A483083A4A9D46E3D0D80545 E05BE9CBB 15. Loan for financing of RE projects; https, //www.deginvest.de/Newsroom/News/Pressemitteilungen-Details 480960-2.html 16. Green Loans; https, //www.eib.org/en/press/all/2019-202-the-eibprovides-finance-to-banfondesa-and-fondesa-for-the-banks-to-
- dominican-republic
 17. https, //tapsec.org/tapsec-building-on-sustainable-energy-successesof-the-dominican-republic/

provide-green-loans-to-micro-and-small-companies-in-the-

Egypt

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/map?c=26.931865,30.805664,6&r=EGY
 Tracking SDG7 Report; ESMAP; https,
- Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/papua-new-guinea
 Clabel Statistic During 2024 Surbox https://umbas.
- Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
 Per Capita Consumption, Our World in Data; https,
- //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/africa-middle-east/egypt?back=/my-oxford/byregion/middle-east-and-north-africa/egypt&backname=Egypt
- 7. Egypt Power Market Outlook, Global Data; https, //power.globaldata.com/Analysis/details/Egypt-Solar-Photovoltaic- PV--Analysis--Market-Outlook-to-2030--Update-2021?ReportGeographyld=100073
- EY RECAI; https, //assets.ey.com/content/dam/ey-sites/eycom/en_gl/topics/power-and-utilities/power-and-utilities-pdf/eyrecai-57-top-40-ladder.pdf
- 9. Power Market overview, Climatescope by BNEF; https, //globalclimatescope.org/results/EG
- 10. Grid Interconnection. Arab Fund for Economic & Social Development; https, //www.arabfund.org/default.aspx?pageId=454
- Renewable Energy Outlook Egypt, IRENA, https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2018/Oct/IRENA_Outlook_E gypt_2018_En_summary.pdf?la=en&hash=58DBAA614BE0675F66D3 B4A2AC68833FF78700A0#, ~, text=To%20meet%20burgeoning%20energy%20demand,of%20the%2 Ocountry's%20energy%20supply.
- 12. Renewable Energy Financing, OPEC FUND; https, //opecfund.org/media-center/press-releases/2021/egypt-s-largestsolar-plant-kom-ombo-receives-us-114-million-financing-package
- 13. Renewable Energy Financing, Green Climate Fund; https, //www.greenclimate.fund/project/fp039

El Salvador

- 1. IMF, https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA/SLVWorld Bank, https,
 - //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- IRENA, https, //irena.org/-/media/Files/IRENA/Agency/Publication/2020/Dec/IRENA_RRA_El_Sa lvador_2020.pdf
- 4. CNE, http, //energiasrenovables.cne.gob.sv/
- 5. FINET, https, //www.transparencia.gob.sv/institutions/finetfisdl/documents/294870/download
- Borgen Project, https, //borgenproject.org/renewable-energy-in-elsalvador/
- 7. Tracking SDG, https, //trackingsdg7.esmap.org/country/el-salvador
- Ember, https,//ember-climate.org/global-electricity-review-2021/data-explorer/
- IRENA, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no
- 10. SIGET, https, //www.siget.gob.sv/telecomunicaciones/
- IADB, https, //publications.iadb.org/publications/english/document/centralamerican-electricity-integration.pdf
- 12. BCIE, http, //www.bcie.org/en/news-andmedia/publications/publication/cabei-annual-report-2017
- 13. FINNFUND, https, //www.finnfund.fi/en/news/finnfund-invests-in-

solar-power-plants-in-el-salvador/

- 14. IDB, http, //www.idbinvest.org/en/news-media/idb-invest-finances-140mw-capella-solar-project-el-salvador
- 15. UN, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC

Equatorial Guinea

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- 2. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=1.159517,8.475,7&r=GNQ
- Tracking SDG7 Report; ESMAP; https, //trackingsdg7 compared and country / country in a second and country in a se
- //trackingsdg7.esmap.org/country/equatorial-guinea
 Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/africa-service/countrymacro-analysis?back=/my-oxford/by-region/africa/equatorialguinea&backname=Equatorial%20Guinea
- Power Sector Overview, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20489/Energy_p rofile_EquatorialGuinea.pdf?sequence=1&isAllowed=y#, ~, text=The%20energy%20regulator%20is%20the,SEGESA%20Transmissi on%20and%20SEGESA%20Commercial.
 First National Communication to The United Nations Framework
 - Convention on Climate Change, UNFCC; https, //unfccc.int/sites/default/files/resource/INC%20of%20Equatorial%20 Guinea_English%20version.pdf
- Renewable Energy Financing, UNDP; https, //info.undp.org/docs/pdc/Documents/GNQ/PIMS%205143%20EqGui nea%20SE4ALL%20-%20PRODOC%20Final%2009032016_doc%20final.pdf
- 10. United Nations Environment Program; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20489/Energy_p rofile_EquatorialGuinea.pdf
- 11. Green Climate Fund; https, //www.greenclimate.fund/sites/default/files/document/equatorialguinea-country-programme.pdf
Eritrea

1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO

2. Global Solar Atlas; https,

- //globalsolaratlas.info/detail?c=15.198009,39.77915,6&r=ERI
 3. Tracking SDG7 Report; ESMAP; https,
- //trackingsdg7.esmap.org/country/eritrea
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/africa-service/countrymacro-analysis?back=/my-oxford/byregion/africa/eritrea&backname=Eritrea
- 7. Eritrea energy profile; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20488/Energy_pr ofile_Eritrea.pdf?sequence=1&isAllowed=y
- 8. Investment in Energy sector, European Commission; https, 5. //ec.europa.eu/international-partnerships/where-we-work/eritrea_en6.
- 9. Investment support to Eritrea, European Commission; https, //ec.europa.eu/commission/presscorner/detail/en/IP_15_6298
- 10. Renewable energy targets and policies; https, //europa.eu/capacity4dev/file/30316/download?token=SjZauJGg
- 11. Country Overview, RISE; https, //rise.esmap.org/country/eritrea
- 12. Power Sector Overview, METI government of Japan; https, //www.meti.go.jp/meti_lib/report/2020FY/000004.pdf
- Eastern Africa Power Pool; https, //pubs.naruc.org/pub.cfm?id=5388F6DB-2354-D714-516F-A8C30F137BA4

Ethiopia

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- 2. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=9.21056,40.517578,5&r=ETH
- Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/ethiopia
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/africa-service/countrymacro-analysis?back=/my-oxford/byregion/africa/ethiopia&backname=Ethiopia
- 7. Power sector Overview, Department of Commerce, USA; https, //www.trade.gov/country-commercial-guides/ethiopia-energy
- Power market Outlook, Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Ethiopia-Power-Market-Outlook-to-2030---Market-Trends--Regulations-and-Competitive-Landscape
- 9. Growth and Transformation Plan, Green Growth Knowledge; https, //www.greengrowthknowledge.org/sites/default/files/downloads/poli cy
 - database/ETHIOPIA%29%20Growth%20and%20Transformation%20Pla n%20II%2C%20Vol%20I.%20%20%282015%2C16-2019%2C20%29.pdf
- 10. Ethiopia's policy brief, Climate and Development Knowledge Network https, //media.africaportal.org/documents/Ethiopia-Solar-Power-PB_final-web.pdf
- 11. Renewable Energy Financing, AfDB; https, //www.afdb.org/en/newsand-events/ethiopia-african-development-banks-sustainable-energyfund-approves-grant-to-spur-renewable-investments-19296
- 12. Renewable Energy Guarantees Program (REGREP), World Bank; https, //www.worldbank.org/en/news/press-release/2019/05/23/world-

bank-group-supports-ethiopia-in-providing-reliable-energy-andcreating-opportunities-for-private-investment-in-the-sector DPSP III, World Bank; https,

13. DPSP III, World Bank; https, //pubdocs.worldbank.org/en/452391584550699139/12231-CTF-Funding-Request-DPSP-III-Enabling-Access-to-Offgrid-Energy-Public.pdf

Fiji

- 1. Asian Development Bank, https,//www.adb.org/sites/default/files/publication/27762/fij-2020.pdf 2. Real GDP Growth, IMF. https,//www.imf.org/external/datamapper/NGDP_RPCH@WEO/FJI 3. Department of Foreign Affairs and Trade, https, //www.dfat.gov.au/sites/default/files/fiji-market-insights-2021.pdf 4. Asian Development Bank, https,//www.adb.org/sites/default/files/institutionaldocument/545686/pacific-energy-update-2019.pdf Asia Pacific Energy, https, //policy.asiapacificenergy.org/node/3598 Bureau of Economic and Business Affairs, https, //www.state.gov/reports/2019-investment-climate-statements/fiji/ 7. World climate Temperature; https, //www.nadi-vitilevu.climatemps.com/sunlight.php 8. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy 9. Our World in data, https,//ourworldindata.org/energy/country/fiji 10. Asian Development Bank, https, //www.adb.org/sites/default/files/linked-documents/cps-fij-2014-2018-ssa-03.pdf
- 11. Asia Pacific Energy, https, //policy.asiapacificenergy.org/sites/default/files/National%20Energy% 20Policy_2.pdf
- 12. International Trade Administration, https,//www.trade.gov/countrycommercial-guides/fiji-energy
- 13. UNDP, Human Development Reports; http, //hdr.undp.org/sites/default/files/Country-Profiles/FJI.pdf
- 14. Our World in data, https,//ourworldindata.org/energy-access
- 15. Our World in data, https,//ourworldindata.org/renewable-energy
- 16. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?embed=y&, showVizHome=no&publish=yes&, toolbar=no
- 17. Energy Fiji Limited, http,//efl.com.fj/your-home/electricity-tariffsand-rates/

France

1. Outline of the French Economy, https,//aboutfrance.com/geo/french-economy.htm

> Real GDP Growth, IMF. https,

2.

- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/FRA
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=BRA&i ndicator=2787&viz=line_chart&years=1980,2024
- European Commission, https, //ec.europa.eu/economy_finance/forecasts/2021/summer/ecfin_for ecast_summer_2021_fr_en.pdf
- 5. International Energy Agency, https, //www.iea.org/countries/france
- 6. RES Legal Europe, http,//www.res-legal.eu/search-bycountry/france/
- United Nations Conference on Trade and Development, World Investment Report 2021, https,//unctad.org/system/files/officialdocument/wir2021_en.pdf
- 8. Climatemps, Paris, http, //www.paris.climatemps.com/sunlight.php
- Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 10. REN21, Global Status report, https,//www.ren21.net/wpcontent/uploads/2019/05/REN21_Cities2021_Fact-Sheet_France.pdf
- Commission for Energy Regulation, https, //www.cre.fr/en/CRE/who-are-we
- 12. France transmission operator, https,//www.rte-france.com/en/rtein-a-nutshell
- International Atomic Energy Agency, https, //wwwpub.iaea.org/MTCD/publications/PDF/cnpp2019/countryprofiles/Fra nce/France.htm
- 14. The European Power Exchange, https, //www.epexspot.com/en/about
- 15. Global Transmission Report, https, //www.globaltransmission.info/archive.php?id=39569
- 16. France transmission operator, https,//www.servicesrte.com/en/learn-more-about-our-services/access-to-frenchinterconnections.html
- 17. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/FRA.pdf
- European Investment Bank, https, //www.eib.org/attachments/country/factsheet_france_2020_en.pdf
- Our World in Data, https, //ourworldindata.org/renewable-energy
- 20. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 21. Our World in Data, https,//ourworldindata.org/energy-access
- 22. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Gabon

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-0.822032,11.6125,6&r=GAB
- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/gabon
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- 6. Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/by-region/africa/gabon
- Energy profile Gabon, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20511/Energy_p rofile_Gabon.pdf?sequence=1&isAllowed=y#, ~,

text=The%20energy%20regulator%20is%20the,the%20Central%20Afr ica%20Power%20Pool.

- 8. Renewable Energy Financing, AfDB; https, //www.afdb.org/en/newsand-events/press-releases/african-development-bank-provide-eu39million-loan-package-gabons-first-independent-hydropower-project-44599
- 9. Gabon overview, World Bank https, //www.worldbank.org/en/country/gabon/overview#2
- 10. SEEG Investment, Africa Energy Portal; https, //africa-energyportal.org/news/gabon-seeg-allocates-eu158-million-water-andelectricity-projects-libreville
- 11. Energy Policy, Africa Energy Portal; https, //www.africanpowerplatform.org/resources/reports/centralafrica/gabon/1636-energy-policy-country-report-gabon.html
- 12. Gabon Analysis, US Energy information Administraton; https, //www.eia.gov/international/analysis/country/GAB
- 13. Central African Power Pool; https, //www.peac-sig.org/en/
- 14. Access to Basic Services in Rural Areas and Capacity Building Project, World Bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P144135?lang=fr

Gambia

- Global edge, https, //globaledge.msu.edu/countries/the-gambia
 Real GDP Growth, IMF, https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/GMB
- World Bank, https, //databank.worldbank.org/source/worlddevelopment-indicators
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i ndicator=2787&viz=line_chart&years=1980,2024
- United Nations Development Programme, https, //www.gm.undp.org/content/dam/gambia/docs/The%20Gambia%20 case%20study%20on%20NAMA.pdf
- 6. The Africa Hub, https,//www.se4all-africa.org/seforall-inafrica/country-data/gambia/
- Public Utilities Regulatory Authority, https, //pubs.naruc.org/pub.cfm?id=538EDC2B-2354-D714-51F5-6E85EDED0665
- Ecowas Observatory for Renewable Energy and Energy Efficiency, http, //www.ecowrex.org/document/gambias-renewable-energylaw-2013
- 9. Weather and Climate, https,//weather-and-climate.com/averagemonthly-hours-Sunshine,Banyul,Gambia
- 10. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 11. International Renewable Energy Agency, https,//www.irena.org/-/media/Files/IRENA/Agency/Publication/2013/RRA_Gambia.pdf
- 12. PV Magazine, https,//www.pv-magazine.com/2017/05/08/gambiaseeks-to-assess-how-solar-can-be-combined-with-its-mini-grids/
- 13. Ministry of Petroleum and Energy, https, //www.mope.gm/renewable-energy
- 14. Public Utilities Regulatory Authority, https, //www.pura.gm/overview-of-mandate/
- 15. National Water and Electricity Company, http://nawec.gm/aboutnawec/
- 16. West African Power Pool, https, //www.ecowapp.org/en/content/creation-wapp
- 17. Ministry of Petroleum and Energy, https://www.mope.gm/about-14
- United Nations Development Programme, https, //www.gm.undp.org/content/dam/gambia/docs/The%20Gambia%20 case%20study%20on%20NAMA.pdf
- United Nations Development Programme, http, //hdr.undp.org/sites/all/themes/hdr_theme/country-notes/GMB.pdf
 Climate Action Tracker, https,
- //climateactiontracker.org/countries/gambia/
- 21. World Bank, https,//www.worldbank.org/en/news/pressrelease/2021/06/10/world-bank-group-provides-465-million-toexpand-energy-access-and-renewable-energy-integration-in-westafrica
- 22. African Development Bank, https,//www.afdb.org/en/news-andevents/sefa-commits-close-to-us-1-million-to-energy-access-in-thegambia-16733
- 23. Our World in Data, https,//ourworldindata.org/renewable-energy
- 24. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 25. Our World in Data, https,//ourworldindata.org/energy-access
- 26. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Germany

- 1. Real GDP Growth, IMF, https,
 - //www.imf.org/external/datamapper/NGDP_RPCH@WEO/DEU
 Nordea, https,//www.nordeatrade.com/dk/explore-new-
- Nordea, https,//www.nordeatrade.com/ market/germany/economical-context
- 3. European Union, https,

//ec.europa.eu/economy_finance/forecasts/2021/summer/ecfin_for
ecast_summer_2021_de_en.pdf

- Federal Ministry for Economic Affairs and Energy, https, //www.bmwi.de/Navigation/EN/Home/home.html
 International Energy Agency, https,
 - //iea.blob.core.windows.net/assets/60434f12-7891-4469-b3e4-1e82ff898212/Germany_2020_Energy_Policy_Review.pdf
- 6. Federal Ministry for Economic Affairs and Energy, https, //www.bmwi.de/Redaktion/EN/Artikel/Industry/regulatoryenvironment-and-incentives-for-using-electric-vehicles.html
- 7. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- Bloomberg, https, //www.bloomberg.com/news/articles/2021-07-13/germany-sees-14-million-electric-vehicles-on-its-roads-by-2030
- Our World in Data, https,//ourworldindata.org/energy-access
 Bundesnetzagentur, https,
- //www.bundesnetzagentur.de/EN/Areas/Energy/Companies/General InformationRegulation/start.html
- 11. Federal Ministry for Economic Affairs and Energy, https, //www.bmwi.de/Redaktion/EN/Dossier/grids-grid-expansion.html
- European Power Exchange, https,//www.epexspot.com/en/about
 Federal Ministry for Economic Affairs and Energy, https,
- //www.bmwi.de/Redaktion/EN/Dossier/grids-grid-expansion.html
 Federal Ministry for Economic Affairs and Energy, https,
- //www.bmwi.de/Redaktion/EN/Dossier/electricity-market-of-thefuture.html
- 15. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/DEU.pdf
- 16. European Investment Bank, https, //www.eib.org/attachments/country/factsheet_germany_2020_en.p df
- 17. European Investment Bank, https,//www.eib.org/en/press/all/2020-223-germany-eib-provides-the-mobility-house-with-eur15-millionfor-smart-charging-technology
- 18. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 19. EnBW, https,//www.enbw.com/company/press/construction-startfor-weesow-willmersdorf-solar-park.html
- 20. Federal Ministry for Economic Affairs and Energy, https, //www.bmwi.de/Redaktion/EN/Artikel/Energy/electricity-pricecomponents.html

Ghana

- Ghana Market Insights 2021, https, //www.dfat.gov.au/sites/default/files/ghana-market-insights-2021.pdf
- 2. African Development Bank, https, //www.afdb.org/en/countries/west-africa/ghana/ghana-economicoutlook
- World Bank, https,//databank.worldbank.org/source/worlddevelopment-indicators
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i ndicator=2787&viz=line_chart&years=1980,2024
- 5. Ministry of Energy, https, //www.energymin.gov.gh/about
- 6. International Energy Agency, https, //www.iea.org/policies/4955ghana-national-energy-policy
- Parliament of Ghana, https, //www.parliament.gh/news?CO=98#, ~, text=The%20Government%20of%20Ghana%20in,to%20purchase%20 part%20of%20their
- 8. International Energy Agency, https, //www.iea.org/policies/5645feed-in-tariff-for-electricity-generated-from-renewable-energysources
- 9. Climatemps, http,//www.accra.climatemps.com/sunlight.php
- Global Solar Atlas, https, //globalsolaratlas.info/global-pv-potentialstudy
- 11. US Energy Information Administration, https, //www.eia.gov/international/analysis/country/GHA
- 12. Our World in Data, https, //ourworldindata.org/energy/country/ghana
- 13. Ghana Grid company, https,//gridcogh.com/home/overview/
- 14. ECOWAS Observatory for RE and Energy Efficiency, http,
- //www.ecowrex.org/stakeholder/electricity-company-ghana-ecg15. Public Utilities Regulatory Commission, https,
- //www.purc.com.gh/who-we-are
- 16. West African Power Pool, https,
- //www.ecowapp.org/en/content/creation-wapp
 Ghana Grid Company, https,
 (/www.iica.go.ip/onglish/our_work/social_onvironment)
- //www.jica.go.jp/english/our_work/social_environmental/id/africa/g
 hana/c8h0vm000090rhhj-att/c8h0vm0000exmqq1.pdf
- Energy Commission, https,//pubs.naruc.org/pub.cfm?id=538E6857-2354-D714-5198-2A682ED5C196
- 19. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/GHA.pdf
- 20. African Development Bank, https,//www.afdb.org/en/news-andevents/african-development-bank-supports-ghanas-renewableenergy-sector-with-1-5-million-grant-18520
- 21. African Development Bank, https, //www.afdb.org/en/documents/ami-ghana-consultancy-servicesdevelop-framework-establishment-and-operationalizationrenewable-energy-authority
- 22. Our World in Data, https,//ourworldindata.org/renewable-energy
- 23. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 24. Our World in Data, https,//ourworldindata.org/energy-access
- 25. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Greece

- 1. Real GDP Growth, IMF,
- 2. https,//www.imf.org/external/datamapper/NGDP_RPCH@WEO/GRC
- World Bank, https,//databank.worldbank.org/source/worlddevelopment-indicators
- International Energy Agency, https, //iea.blob.core.windows.net/assets/d34b4e20-d340-4563-822eae0cbe7e838b/EnergyPoliciesofIEACountriesGreeceReview2017.pdf
- 5. Economy, OECD, https, //www.oecd.org/economy/greece-

economic-snapshot/

- European Union, https, //ec.europa.eu/energy/sites/ener/files/documents/staff_working_d ocument_assessment_necp_greece.pdf
- International Energy Agency, https, //www.iea.org/countries/greece
 European Alternative Fuels Observatory, https,
- //www.eafo.eu/countries/greece/1735/incentives
 9. Climatemps, Greece, http,
- //www.athens.climatemps.com/sunlight.php
- 10. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 11. Centre for Renewable Energy Sources and Saving, http, //www.cres.gr/kape/index_eng.htm
- 12. The Regulatory Authority for Energy, https,//www.rae.gr/
- 13. Independent Power Transmission Operator, https, //www.admie.gr/en/company/about-us
- 14. HEDNO, https,//www.deddie.gr/en/deddie/i-etaireia/profil/
- 15. Independent Power Transmission Operator, https, //www.admie.gr/sites/default/files/inlinefiles/ADMIE ENGL web.pdf
- 16. HEDNO, https,//www.deddie.gr/en/deddie/to-diktuoilektrismou/vasika-megethi-tou-diktuou-ilektrismou/
- 17. European Investment Bank, https,//www.eib.org/en/press/all/2021-220-eur-330-million-eib-backing-to-ppc-to-upgrade-electricitydistribution-roll-out-smart-meters-and-increase-renewable-energyacross-greece
- 18. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/GRC.pdf
- 19. European Bank for Reconstruction and Development, https, //www.ebrd.com/news/2020/ebrd-supports-largest-renewableenergy-project-in-greece-to-date.html
- 20. Our World in Data, https,//ourworldindata.org/renewable-energy
- 21. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 22. Our World in Data, https,//ourworldindata.org/energy-access
- Greek energy news portal, https, //energypress.eu/greece-climbsup-to-12th-place-in-eu-electricity-tariffrankings/Germany_2020_Energy_Policy_Review.pdf

- Grenada IMF, https, 1. //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TCDName of the report, Organization 2. World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups 3. Grenada Embassy, USA, https, //grenadaembassyusa.org/grenadas-economy/ 4. NREL, https, //www.nrel.gov/docs/fy15osti/62699.pdf IADB, https, //blogs.iadb.org/caribbean-dev-trends/en/the-promise-5. of-renewables-in-grenada/ 6. Climate Laws, https, //climatelaws.org/geographies/grenada/policies/grenada-vision-2030 7. UNEP, https, //tech-action.unepdtu.org/wpcontent/uploads/sites/2/2019/03/tna-grenada-baef-mitigationreport-final-draft-180518.pdf 8. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/ 9. Global Solar Atlas, https, //globalsolaratlas.info/detail?c=12.258485,-61.5875,10&r=GRD 10. UN Data, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC 11. ESMAP, https, //trackingsdg7.esmap.org/country/grenada 12. IISD, https, //sdg.iisd.org/commentary/policy-briefs/grenadassecond-ndc-confirms-40-emission-reduction-target-investment-lawunder-scrutiny-for-hampering-energy-transition/ GRENLEC, https, //grenlec.com/wp-13. content/uploads/2021/05/Grenlec-Annual-Report-2019.pdf Government of Grenadine, 14. https, //gov.gd/moid/golden-opportunity-opened-electricityconsumers-grenada-obtain-cheaper-electricity 15. Renewable Readiness Assessment- Grenada, IRENA, https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2013/Grenada_RRA.pdf GIZ, https, //www.giz.de/en/downloads/G-%20RESCP-en-%20FS-16. May%202018.pdf IADB, https, 17. //publications.iadb.org/publications/english/document/Challengesand-Opportunities-for-the-Energy-Sector-in-the-Eastern-Caribbean-Grenada-Energy-Dossier.pdf 18. IRENA, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, 7. showVizHome=no&publish=yes&, toolbar=no 19. State.gov, https, //www.state.gov/reports/2020-investment-climate-
 - State.gov, https, //www.state.gov/reports/2020-investment-climatestatements/grenada/ =no

Guniea

- 1. List of Economies 2020, World Bank,
- https, //msf.org.uk/sites/default/files/2021-03/Country%20Income%20Classifications%20(1).pdf
 Guinea, https,
- Guinea, https, //www.wto.org/english/tratop_e/tpr_e/s251_sum_e.pdf
 Real GDP Growth, IMF, https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/GIN
- 5. World Bank, https,//databank.worldbank.org/source/worlddevelopment-indicators
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i ndicator=2787&viz=line_chart&years=1980,2024
- African Development Bank, https, //greenminigrid.afdb.org/sites/default/files/guinea-english-3.pdf
 World Bank, https, //documents1.worldbank.org/curated/en/869041550631657109/pdf
- /Guinea-Electricity-Access-Scale-Up-Project.pdf
 9. World Bank, https, //documents1.worldbank.org/curated/en/172941521424821535/pdf

/GUINEA-POWER-SECTOR1-PAD-02272018.pdf

- 10. Climatemps, http,//www.conakry.climatemps.com/sunlight.php
- 11. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 12. Energy profile, Guinea, https, //wedocs.unep.org/bitstream/handle/20.500.11822/20508/Energy_p rofile_Guinea.pdf?sequence=1&isAllowed=y
- 13. Our World in Data, https, //ourworldindata.org/energy/country/guinea
- 14. Our World in Data, https,//ourworldindata.org/energy-access
- 15. West African Power Pool, https, //www.ecowapp.org/en/content/creation-wapp
- 16. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/GIN.pdf
- World Bank, https,//www.worldbank.org/en/news/pressrelease/2019/02/15/guinea-world-bank-approves-electricity-projectto-provide-600000-people-with-new-or-improved-electricity-services
- African Development Bank, https://www.afdb.org/en/news-andevents/press-releases/green-climate-fund-approves-1709m-cofinancing-african-development-banks-leaf-program-44512
- 19. Our World in Data, https,//ourworldindata.org/renewable-energy
- 20. International Renewable Energy Agency, https,
 - //www.irena.org/Statistics/Download-Data

Guniea Bissau

- World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
 Global Solar Atlas; https, //globalsolaratlas.info/detail?c=11.80556,-15.17085,8&r=GNB
 Tracking SDG7 Report; ESMAP; https,
- Global Electricity Review 2021; Ember; https://ember-
- climate.org/global-electricity-review-2021/data-explorer5. Per Capita Consumption, Our World in Data; https,
- //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/africa-service/countrymacro-analysis?back=/my-oxford/by-region/africa/guineabissau&backname=Guinea%20Bissau#
 - Power Sector Overview, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20507/Energy_p rofile_GuineaBissau.pdf?amp%3BisAllowed=&sequence=1#, ~, text=The%20National%20Electricity%20and%20Water%20Corporatio n%20(EAGB)%20manages%20the,electricity%20sector%20in%20Guin ea%20Bissau.
- Energy Profile Guinea Bissau, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20507/Energy_p rofile_GuineaBissau.pdf?sequence=1&%3BisAllowed=
- 9. Renewables and Energy Efficiency in Guinea Bissau National Status Report / December 2018, ALER; https, //www.alerrenovaveis.org/contents/files/aler_relatorio_gb_2018.pdf
- 10. Guinea Bissau aims for energy transformation by 2030, UNIDO; https, //www.unido.org/news/guinea-bissau-aims-energy-transformation-2030
- Power Distribution Improvement Project, AfDB; https, //www.afdb.org/sites/default/files/documents/projects-andoperations/guinea-bissau_-_bissau_city_power_distribution_system_improvement_project_pds

de__project_appraisal_report.pdf

Guyana

- IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TCD World Bank, https,
- //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- 3. World Bank, https,

1.

2.

4.

- //www.worldbank.org/en/country/chad/overview#1
 - IRENA, https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2015/IRENA_RE_Latin_Ame rica_Policies/IRENA_RE_Latin_America_Policies_2015_Country_Guya na.pdf?la=en&hash=00A7949FB37278EA4EF4F64B532B787CD00EDB7 F#,~,

text=Guyana%2C%20as%20a%20member%20of,2017%2C%202022%2 0and%202027%20respectively.&text=The%20strategy%20aims%20to %20transform, nearly%20100%25%20renewable%20energy%20based

- 5. NREL, https, //www.nrel.gov/docs/fy20osti/76645.pdf
- 6. Global Solar Atlas, https,
 - //globalsolaratlas.info/detail?r=GUY&c=4.868476,-58.9542,6
- 7. Government of Guyana, https, //gea.gov.gy/solar/
- 8. ESMAP, https, //trackingsdg7.esmap.org/country/guyana
- 9. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 10. Government of Guyana, https, //dpi.gov.gy/norway-approves-16billion-for-development-of-solar-farms/
- 11. Guyana Green State Development Strategy, http, //www.guyanareddfund.org/images/stories/pdffiles/Framework-Document-for-Guyana-Green-State-Development-Strategy.pdf
- 12. Guyana Light and Power, https, //gplinc.com/
- 13. IRENA, https, //www.irena.org/Statistics/Download-query-tools
- 14. Government of Guyana, https, //goinvest.gov.gy/portfolio/energy/ 15. Globaldata Power, https, //power.globaldata.com/Analysis/TableOfContents/Guyana-Power-
- Market-Outlook-to-2030--Update-2019---Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles?ReportGeographyId=100104
- 16. Guyana Power and Light, https, //gplinc.com/pl/plc/media/Development-and-Expansion-Programme-2021-2025.pdf

Haiti

- 1. IMF, https,
 - //www.imf.org/external/datamapper/NGDP_RPCH@WEO/HTI
- 2. World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- 3. State.gov, https, //www.trade.gov/country-commercial-guides/haitiinvestment-climate-statement
- NREL, https, //www.nrel.gov/docs/fy20osti/76606.pdf 4.
- Trade.gov, https, //www.trade.gov/country-commercial-guides/haiti-5. energy
- 6. Un Data, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC 7. ANARSE, https, //anarse.gouv.ht/
- 8. EPCA America, https, //ecpamericas.org/newsletters/haiti-sets-outto-electrify-the-country/
- 9. IADB, https, //www.iadb.org/en/news/news-releases/2014-12-18/haiti-electricity-transmission-line%2C11038.html
- 10. The World Bank, https, //documents1.worldbank.org/curated/en/220851597248767097/text /Disclosable-Restructuring-Paper-Haiti-Renewable-Energy-for-All-P156719.txt
- 11. ESMAP, https, //trackingsdg7.esmap.org/country/haiti
- 12. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 13. IRENA, https, //www.irena.org/Statistics/Download-query-tools
- 14. Global Solar Atlas, https, //globalsolaratlas.info/detail?r=HTI&c=19.06157,-73.05415,8

- 15. US Embassy, https, //ht.usembassy.gov/usaid-contributes-6-5million-for-the-construction-of-a-new-solar-power-plant-at-thecaracol-industrial-park/
- 16. Globaldata Power, https, //power.globaldata.com/Analysis/TableOfContents/Haiti-Power-Market-Outlook-to-2030--Update-2019---Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles
- Green Climate Fund, https, 17. //www.greenclimate.fund/sites/default/files/document/fundingproposal-sap013.pdf
- Climate Investments Funds, https, 18. //www.climateinvestmentfunds.org/projects/gesp-battery-energystorage-system-maximize-use-surplus-energy-solar-photovoltaicplant

India

- 1. Asian Development Bank, https, //www.adb.org/sites/default/files/publication/27768/ind-2020.pdf
- Real GDP Growth, IMF, https, 2. //www.imf.org/external/datamapper/NGDP_RPCH@WEO/IND
- 3. India Brand Equity Foundation, https, //www.ibef.org/industry/services.aspx
- 4. Ministry of New and Renewable Energy, https,//mnre.gov.in/theministry/what-does-the-ministry-do/
- 5. United Nations, Sustainable development goals, https, //sustainabledevelopment.un.org/partnership/?p=34566
- 6. Ministry of Power, https, //powermin.gov.in/sites/default/files/uploads/Consumers_Rules_20 20.pdf
- 7. Ministry of Power, https, //powermin.gov.in/sites/default/files/Waiver_of_inter_state_transm ission_charges_Order_dated_21_June_2021.pdf
- Ministry of New and Renewable Energy, https, 8. //mnre.gov.in/solar/solar-offgrid
- 9. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 10. Ministry of New and Renewable Energy, https, //mnre.gov.in/img/documents/uploads/file f-1608040317211.pdf
- 11. Council on Energy, Environment and Water, https, //www.ceew.in/press-releases/indias-green-hydrogen-economyoperate-scale-fall-costs-expected-minister-r-k-singh
- 12. Indian Energy Exchange, https,//www.iexindia.com/pdf/GTAMleaflet.pdf
- 13. International Energy Agency, https, //www.iea.org/policies/6485national-wind-solar-hybrid-policy
- 14. Ministry of Power, https, //powermin.gov.in/en/content/interconnection-neighbouringcountries
- United Nations Development Programme, http, 15. //hdr.undp.org/en/countries/profiles/IND
- 16. Indian Renewable Energy Development Agency, https, //www.ireda.in/images/HTMLfiles/FNSJune2021.pdf
- 17. Council on Energy, Environment and Water, Electricity Aceess in India | State-wise Supply & Coverage Research (ceew.in)
- 18. Our World in data, https,//ourworldindata.org/renewable-energy 19. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?embed=y&, showVizHome=no&publish=yes&, toolbar=no
- 20. MNRE, https, //pib.gov.in/PressReleasePage.aspx?PRID=1745254

Italy

- Real GDP Growth, IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/ITA
 World Bank, https,//databank.worldbank.org/source/world-
- development-indicators
 3. Economy, OECD, https, //www.oecd.org/economy/italy-economicsnapshot/
- European Union, https, //ec.europa.eu/economy_finance/forecasts/2021/summer/ecfin_for ecast_summer_2021_it_en.pdf
- European Union, https, //ec.europa.eu/energy/sites/default/files/documents/it_final_necp_
- main_en.pdf6. International Energy Agency, https, //www.iea.org/countries/italy
- European Environment Agency, https, //www.eea.europa.eu/publications/energy-support-measures/italycountry-profile
- 8. European Alternative Fuels Observatory, https, //www.eafo.eu/countries/italy/1739/incentives
- 9. Climatemps, Italy, https, //www.milan.climatemps.com/sunlight.php
- Global Solar Atlas, https://globalsolaratlas.info/global-pv-potentialstudy
- OECD, https, //www.oecd.org/fossilfuels/publication/Italy%20G20%20Peer%20Review%20IFFS%20.pdf
- 12. International Energy Agency, https, //iea.blob.core.windows.net/assets/12c809d6-5b1d-424a-aea5-77c39484efaf/GlobalEVPolicyExplorer_Final.pdf
- 13. Italian Regulatory Authority for Energy, Networks and Environment, https, //www.arera.it/it/inglese/index.htm
- 14. Italian power transmission system operator, https, //www.terna.it/en/electric-system/terna-role
- 15. European Energy Exchange, https, //www.europex.org/members/gme/
- Italian power transmission system operator, https, //www.terna.it/en/about-us/introducing-terna
- Italian power transmission system operator, https, //www.terna.it/en/investors/strategy
- 18. Italian power transmission system operator, https, //download.terna.it/terna/0000/0086/20.pdf
- 19. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/ITA.pdf
- 20. European Investment Bank, https, //www.eib.org/en/projects/pipelines/all/20170037
- 21. European Investment Bank, https,//www.eib.org/en/press/all/2021-157-italy-eib-provides-eur100-million-to-dolomiti-energia-forenergy-efficiency-and-combating-climate-change
- Our World in Data, https,//ourworldindata.org/renewable-energy
 International Renewable Energy Agency, https,
- //www.irena.org/Statistics/Download-Data24. Our World in Data, https,//ourworldindata.org/energy-access
- European Union, https,//ec.europa.eu/eurostat/statistics
 - explained/index.php?title=Electricity price statistics

Jamaica

- World Economic Outlook (April 2021); https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA
 Human Development Report 2020 ; http,
- //hdr.undp.org/sites/default/files/hdr2020.pdf
- Jamaica Power Market Outlook; https, //power.globaldata.com/Analysis/TableOfContents/Jamaica-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles?ReportGeographyld=100118
- Tracking SDG7 Report; https, //trackingsdg7.esmap.org/country/jamaica
- 5. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=18.708615,-

70.1625,8&r=DOM

- 6. Global Electricity Review 2021; https, //ember-climate.org/globalelectricity-review-2021/data-explorer/
- 7. IRENA Renewable energy Query Tool; https,
- //www.irena.org/Statistics/Download-Datahttps,//www.nrel.gov/docs/fy15osti/63945.pdf
- https,//global-climatescope.org/results/JM#clean-energyinvestment
- https, //www.iea.org/data-and-statistics/databrowser?country=JAMAICA&fuel=Energy%20supply&indicator=ElecG enByFuel
- 11. https,//www.energy.gov/sites/default/files/2020/09/f79/ETI-Energy-Snapshot-Jamaica_FY20.pdf

12. https,

//rise.esmap.org/data/files/library/jamaica/Renewable%20Energy/Su
pporting%20Documentation/Jamaica_Energy_Investor_Guide.pdf
http,

- http, //www.oas.org/en/sedi/dsd/Biodiversity/Sustainable_Cities/Sustaina ble_Communities/Events/SC%20Course%20Jamaica%202016/Modul e%20IV/Jamaica-Sustainable-Energy-Roadmap-InclAppendices-112013.pdf
- 14. https,//www.usaid.gov/jamaica/news/dca-caribbean-usaid-and-ncbjamaica

Japan

- 1. International Renewable Energy Agency; https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2021/May/IRENA_Electricity _Interconnections_NortheastAsia_2021.pdf
- Real GDP Growth, IMF; https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/JPN
 Statista: https://www.statista.com/statistics/070002/distribution
- Statista; https, //www.statista.com/statistics/270093/distribution-ofgross-domestic-product-gdp-across-economic-sectors-in-japan/
 World Bank, https.
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=BRA&i ndicator=2787&viz=line_chart&years=1980,2024
- 5. International Energy Agency, https, //iea.blob.core.windows.net/assets/3470b395-cfdd-44a9-9184-0537cf069c3d/Japan2021_EnergyPolicyReview.pdf
- 6. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- European Power Exchange, https, //www.epexspot.com/en/news/japan-electric-power-exchange-andeuropean-power-exchange-epex-spot-cooperate-multi-market
- Outline of Japan Electric Power Exchange (JEPX), https, //www.jstage.jst.go.jp/article/ieejpes/125/10/125_10_922/_article/char/en
- 9. Tokyo Electric Power Company, https, //www.tepco.co.jp/en/pg/about/ethics-e.html
- 10. Global transmission report, https, //globaltransmission.info/archive.php?id=42718
- 11. Human Development report 2020, UNDP, http, //hdr.undp.org/sites/default/files/Country-Profiles/JPN.pdf
- 12. Financial services agency Japan, https,
- //www.fsa.go.jp/en/regulated/licensed/city.pdfShinsei Bank, https,
- //www.shinseibank.com/institutional/en/products/recyclable_energ y.html
- 14. Japan Exchange Group, https, //www.jpx.co.jp/english/corporate/sustainability/esginvestment/esg-relatedproducts/02.html
- 15. Project Finance report, Japan, https, //www.iflr.com/article/b1lspwybr1rptr/2017-project-finance-reportjapan
- 16. Our World in Data, https,//ourworldindata.org/renewable-energy
- 17. International Renewable Energy Agency, https,
- //www.irena.org/Statistics/Download-Data
- 18. Our World in Data, https,//ourworldindata.org/energy-access
- 19. Asian Power, https,//asian-power.com/regulation/news/japan-setssolar-fits-2020-2021

Kiribati

1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO

 Global Solar Atlas; https, //globalsolaratlas.info/detail?c=12.315058,104.97915,7&r=KHM

- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/kiribati
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Kiribati Integrated Energy Roadmap 2017, IRENA; https, //irena.org/-/media/Files/IRENA/Agency/Publication/2017/Jul/Kiribati_Integrated _Energy_Roadmap_2017.pdf
- 7. Revised SREP Investment Plan for Kiribati; Climate Investment Funds; https,

//www.climateinvestmentfunds.org/sites/cif_enc/files/srep_investm
ent_plan_for_kiribati_-_revised.pdf

- 8. Kiribati Country Planning Framework; GGGI; https,
- //gggi.org/site/assets/uploads/2019/08/Kiribati-Signed-CPF-Final.pdf
 9. Energy Sector; Save Kiribati; http,
- //www.savekiribati.com/energy.php
- 10. RE financing ADB; https, //www.adb.org/news/adb-strategic-climatefund-and-new-zealand-boost-kiribati-access-clean-energy
- 11. POIDER; UNDP; https, //www.pacific.undp.org/content/pacific/en/home/presscenter/press releases/2021/Kiribati_Government_promotes_indigenous_renewab le_energy_for_power_and_non-power_applications.html

Staff country reports, IMF; https, //www.imf.org/en/Publications/CR/Issues/2019/01/24/Kiribati-2018-Article-IV-Consultation-Press-Release-Staff-Report-and-Statementby-the-46546

13. Kiribati Market Insights, Department of Foreign Affairs and Trade, Australian Government; https, //www.dfat.gov.au/sites/default/files/kiribati-market-insights-

2021.pdf

Liberia

- List of Economies 2020, World Bank, https, //msf.org.uk/sites/default/files/2021-03/Country%20Income%20Classifications%20(1).pdf
 Power Africa, https,
 - //www.usaid.gov/sites/default/files/documents/1860/Liberia%20_IG _2015_05_03.pdf
- Real GDP Growth, IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/LBR
 World Bank, https,//databank.worldbank.org/source/world-
- development-indicators
 World Bank, https,
- //tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i
 ndicator=2787&viz=line_chart&years=1980,2024
- Ministry of Mines & Energy, https,//mme.gov.lr/about/
 Energy Profile, Liberia, https,
- //wedocs.unep.org/bitstream/handle/20.500.11822/20504/Energy_p
 rofile_Liberia.pdf?sequence=1&isAllowed=y
- Ministry of Foreign Affairs, https, //www.rvo.nl/sites/default/files/2018/07/Sector-Scan-Liberia-Energy.pdf
- 9. Climatemps, Liberia, http, //www.liberia.climatemps.com/sunlight.php
- 10. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 11. Liberia Electricity Corporation, https,//lecliberia.com/?page_id=20
- 12. Rural and Renewable Energy Agency, https, //rrealiberia.org/new/page_info.php?&7d5f44532cbfc489b8db9e12e 44eb820=MTQw

- //lerc.gov.lr/page_info.php?&7d5f44532cbfc489b8db9e12e44eb820
 =Mzgx
- West African Power Pool, https, //www.ecowapp.org/en/content/creation-wapp
 African Development Bank, https, //www.afdb.org/fileadmin/uploads/afdb/Documents/Environmental -and-Social-Assessments/Multinational%20-%20C%c3%b4te%20d%e2%80%99Ivoire-Liberia-Sierra%20Leone-Guinea%20(CLSG)%20Interconnection%20Project%20%e2%80%93%2 0RAP%20Summary.pdf
- 16. Liberia Electricity Corporation, https, //lecliberia.com/?page_id=1678
- 17. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/LBR.pdf
- 18. World Bank, https,//www.worldbank.org/en/news/pressrelease/2021/03/12/liberia-to-power-its-economy-throughimproved-energy-access-and-job-creation
- 19. Our World in Data, https,//ourworldindata.org/renewable-energy
- 20. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 21. Our World in Data, https://ourworldindata.org/energy-access
- 22. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Luxembourg

1.	Real GDP Growth, IMF. https,
2	//www.init.org/external/datamapper/NGDP_KPCH@WEO/LOX
2.	//ec.europa.eu/economy_finance/forecasts/2021/summer/ecfin_for ecast_summer_2021_lu_en.pdf
3.	World Bank, https,
	<pre>//tcdata360.worldbank.org/indicators/govt.debt.grs?country=BRA&i ndicator=2787&viz=line chart&years=1980,2024</pre>
4.	International Energy Agency, https,
	//iea.blob.core.windows.net/assets/8875d562-756c-414c-bc7e-
	5fc115b1a38c/Luxembourg_2020_Energy_Policy_Review.pdf
5.	International Energy Agency, https,
	//www.iea.org/countries/luxembourg
6.	Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potential- study
7.	Our World in Data, https,//ourworldindata.org/energy-access
8.	Luxembourg, European Commission, https,
	//ec.europa.eu/energy/sites/ener/files/documents/2014_countryrep
	orts_luxembourg.pdf
9.	The European Power Exchange, https,
	//www.epexspot.com/en/about
10.	Creos Luxembourg, https,//www.creos-net.lu/creos-
	luxembourg/coordinateur-dequilibre/echange-transfrontalier.html
11.	Creos Luxembourg, https,//www.creos-net.lu/creos-
	luxembourg/infrastructure/reseau-delectricite.html
12.	United Nations Development Programme, http,
	//hdr.undp.org/sites/default/files/Country-Profiles/LUX.pdf
13.	Green Finance Platform, https,
	//www.greenfinanceplatform.org/policies-and-
	regulations/luxembourg-establishes-worlds-first-legal-framework-
	green-covered-bonds
14.	European Investment Bank, https,
	//www.eib.org/attachments/thematic/the_eib_development_report _2021_en.pdf
15.	Our World in Data, https,//ourworldindata.org/renewable-energy
16.	International Renewable Energy Agency, https,
	//www.irena.org/Statistics/Download-Data
17.	Connaissance des Energies, https,
	//www.connaissancedesenergies.org/sites/default/files/pdf-
	actualites/Luxembourg_2020_Energy_Policy_Review.pdf

13. Liberia Electricity Regulatory Commission, https,

Madagascar

1.	List of Economies 2020, World Bank, https,	10.	ISA's Country Activity reports, https,
	//msf.org.uk/sites/default/files/2021-		//isolaralliance.org/uploads/docs/847cfa6d7996ee9f8e447aba4
	03/Country%20Income%20Classifications%20(1).pdf		.pdf
2	Moody's Analytics https	11.	IRENA – Malawi Sustainable Energy Investment Study, https,
۷.	//www.economy.com/madagascar/indicators		//rmi.org/wp-
э	Pool CDD Crowth IME https		content/uploads/2018/10/RMI SEED Demand Stimulation 20
5.	Real GDP Growin, IMP, Thips,		f
_	//www.imf.org/external/datamapper/NGDP_RPCH@WEO/MDG	12	World Economic Outlook (April 2021): IME: https
4.	World Bank, https://databank.worldbank.org/source/world-	12.	//www.imf.org/ovtornal/datamannor/DCDIDCH@WEQ/MWI270
	development-indicators		//www.init.org/external/datamapper/PCPIPCH@weO/wwi?200
5.	World Bank, https,		www.wngnignt=www
	//tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i		Maldivos
	ndicator=2787&viz=line_chart&years=1980,2024	1	Warld Dank https
6.	Madagascar, The boundless Energy Island,	1.	
	https, //edbm.mg/wp-content/uploads/2018/01/Brochure-		//www.worldbank.org/en/country/maldives/overview
	Energie-EN.pdf	2.	Real GDP Growth, IMF. https,
7.	African Development Bank, https.		//www.imf.org/external/datamapper/NGDP_RPCH@WEO/MDV
	//greenminigrid afdh org/sites/default/files/gmg_madagascar-2 ndf	3.	World Bank, https,
0	Ministry of Water Energy and Hydrocarbons, https		//tcdata360.worldbank.org/indicators/govt.debt.grs?country=B
0.	//www.climatoinvostmontfunds.org/citos/sif.ons/filos/sroninvostmo		ndicator=2787&viz=line_chart&years=1980,2024
	//www.climatenvestmentrunds.org/sites/cli_enc/mes/srepinvestme	4.	World Bank, https,//databank.worldbank.org/source/world-
	nt_plan_for_madagascar_final.pdf		development-indicators
9.	Climatemps, http,	5	Ministry of Environment and Energy https
	//www.antananarivo.climatemps.com/sunlight.php	5.	//www.environment.gov.mv/biodiversity/about-us
10.	Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potential-	6	World Bank, https://www.environment.gov.nv/biodiversity/about-us
	study	0.	//www.worldbank.org/on/nows/feature/2020/12/11/maldives
11.	Our World in Data, https,		//www.worldbank.org/en/news/reature/2020/12/11/maidives-
	//ourworldindata.org/energy/country/madagascar	_	building-back-better-through-clean-energy
12.	African Development Bank, https,	7.	World Bank, https,
	//www.afdb.org/en/documents/madagascar-power-transmission-		//www.worldbank.org/en/news/feature/2021/07/12/towards-a
	network-reinforcement-and-interconnection-project-madagascar-		sustainable-net-zero-future-in-maldives
	nhase-2-nrirtem-ii-nroject-annraisal-report	8.	Global Solar Atlas, https,//globalsolaratlas.info/global-pv-poter
13	United Nations Development Programme, http		study
15.	//hdr.undn.org/sites/default/files/Country_Drefiles/MDG.ndf	9.	Asian Development Bank, https,
1.4	African Development Development Country - Promes/ WDG.pdf		//www.adb.org/sites/default/files/linked-documents/46122-00
14.	Arrican Development Bank, https://www.ardb.org/en/news-and-		ssa.pdf
	events/press-releases/madagascar-african-development-bank-	10.	Climate & Cleanair coalition, https.
	approves-43-million-loan-finance-second-phase-power-transmission-		//www.ccacoalition.org/en/partners/maldives-republic
	project-39941	11	Our World in data https://ourworldindata.org/energy-access
15.	Our World in Data, https,//ourworldindata.org/renewable-energy	12	International Renowable Energy Agency, https://www.irena.or
16.	International Renewable Energy Agency, https,	12.	Statistics (Deveload Date
	//www.irena.org/Statistics/Download-Data	40	Statistics/Download-Data
17.	Our World in Data, https,//ourworldindata.org/energy-access	13.	UN data, http://data.un.org/Data.aspx?q=electricity
18.	International Renewable Energy Agency, https,		&d=EDATA&f=cmID%3aEL#EDATA
	//public.tableau.com/views/IRENARETimeSeries/Charts?.embed=v&.	14.	Energy Balance in the Maldives, Maldives Energy Authority, http
	showVizHome=no&publish=ves& toolbar=no		//unstats.un.org/unsd/energy/meetings/2016iwc/25maldives.p
		15.	Saur Energy, https, //www.saurenergy.com/solar-energy-
	Malawi		news/maldives-steps-up-renewable-adoption-with-5-mw-solar-
			tender
1.	GOGLA Off-Grid Solar Market report, https,	16.	Energy profile of Maldives, https.
	//www.gogla.org/sites/default/files/resource_docs/global_off_		

יפי grid_solar_market_report_h2_2020.pdf 2. IMF Staff reports, https,

//www.imf.org/en/Publications/CR/Issues/2020/10/20/Malawi-Request-for-Disbursement-Under-the-Rapid-Credit-Facility-Press-Release-Staff-Report-49831

- 3. African Development Bank, https, //www.afdb.org/en/countries/southern-africa/malawi/malawieconomic-outlook
- 4. World Bank's country overview, https, //www.worldbank.org/en/country/malawi/overview#1
- 5. USAID - Power Africa factsheet, https, //www.usaid.gov/powerafrica/malawi
- SE4ALL, https,//www.se4all-africa.org/seforall-in-africa/country-6. data/malawi/
- 7. Malawi National Energy Policy, https, //rise.esmap.org/data/files/library/malawi/Renewable%20Energy/Su pporting%20Documentation/Malawi_National%20Energy%20Policy% 202018.pdf
- 8. Millennium Challenge Corporation, USA, https, //www.mcc.gov/resources/doc/evalbrief-070720-mwi-power-reform

- Global Climate scope https://global-climatescope.org/policies/
- a8cd4
- 18.pd
- om=
 - RA&i ntialps, df
- //www.saarcenergy.org/wpcontent/uploads/2016/03/Maldives_Elec tricity_Profile.pdf
- 17. Asian Development Bank, https, //www.adb.org/news/adb-rampssupport-renewable-energy-maldives
- 18. Human Development Report 2020, http,
- //hdr.undp.org/sites/all/themes/hdr_theme/country-notes/MDV.pdf 19. Asian Development Bank; https,
- //www.adb.org/sites/default/files/publication/27779/mld-2020.pdf 20. World Bank, https,//www.worldbank.org/en/news/press-
- release/2020/12/12/world-bank-supports-maldives-to-acceleraterenewable-energy-transition
- 21. Our World in Data, https,//ourworldindata.org/renewable-energy
- 22. International Renewable Energy Agency, https, //www.irena.org/publications/2020/Dec/Off-grid-renewable-energystatistics-2020
- International Renewable Energy Agency, https, 23. //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no
- 24. World Bank, https,//datacatalog.worldbank.org/dataset/globalphotovoltaic-power-potential-country

Mali

- 1. Mali Economic Outlook, https,//www.afdb.org/en/countries/westafrica/mali/mali-economic-outlook
- IMF, https, //www.imf.org/en/Publications/CR/Issues/2021/03/30/Mali-Secondand-Third-Reviews-Under-the-Extended-Credit-Facility-Arrangement-50313
- Lighting Africa, https, //www.lightingafrica.org/country/mali/
 GOGLA, https,
- //www.gogla.org/sites/default/files/resource_docs/global_offgrid_solar_market_report_h2_2020.pdf
- 5. African Development Bank, https, //www.afdb.org/fileadmin/uploads/afdb/Documents/Project-and-Operations/RE%20Mali%20exec%20summary%20final.pdf
- IRENA Renewable Readiness Assessment, https,//www.irena.org/-/media/Files/IRENA/Agency/Publication/2019/Sep/IRENA_RRA_Mali _2019_En.pdf
- https, //www.pv-magazine.com/2020/04/07/mali-exempts-solarfrom-vat-import-duties/
- 8. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 9. Green Climate Fund, https,
- //www.greenclimate.fund/project/fp102#overview
 10. World Bank, https,//www.worldbank.org/en/news/press
 - release/2019/07/23/world-bank-supports-malis-efforts-to-improveaccess-to-renewable-energy

Marshall Islands

- 1. Real GDP Growth, IMF.
 - https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/MHLInternational Monetary Fund, https,
- //www.imf.org/en/Publications/CR/Issues/2021/05/26/Republic-ofthe-Marshall-Islands-2021-Article-IV-Consultation-Press-Release-Staff-Report-and-50177
- 3. World Bank, https,//data.worldbank.org/indicator/NV.AGR.TOTL.ZS
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=BRA&i ndicator=2787&viz=line_chart&years=1980,2024
- 5. Republic of Marshall Islands, Marshall Islands electricity roadmap, https,

//www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Marshall%
20Islands%20Second/RMI%20Electricity%20Roadmap.pdf

- Asia Pacific Energy, https, //policy.asiapacificenergy.org/sites/default/files/Navigating%20our% 20Energy%20Future-%20Marshall%20Islands%20Electricity%20Roadmap%20%28EN%29.p df
- Santander, Trade markets, https, //santandertrade.com/en/portal/establish-overseas/marshallislands/investing-3
- 8. Climatemps, http, //www.marshallislands.climatemps.com/sunlight.php
- 9. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- Asian Development Bank, https, //www.adb.org/sites/default/files/project-documents/49450/49450-007-pam-en.pdf
- 11. Asian Development Bank, https, //www.adb.org/sites/default/files/linked-documents/49450-011ssa.pdf
- 12. United Nations Development Programme, http, //hdr.undp.org/sites/all/themes/hdr_theme/country-notes/MHL.pdf
- 13. Asian Development Bank, https, //www.adb.org/sites/default/files/publication/27780/rmi-2020.pdf
- 14. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data

- 15. Our World in Data, https, //ourworldindata.org/energy-access
- 16. International Renewable Energy Agency, https,//public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Mauritius

- https, //www.heritage.org/index/country/mauritius 1. 2. World Bank, https, //www.worldbank.org/en/country/mauritius/overview#1 3. Real GDP Growth, IMF, https, //www.imf.org/external/datamapper/NGDP RPCH@WEO/MUS 4. World Bank, https,//databank.worldbank.org/source/worlddevelopment-indicators World Bank, https, 5. //tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i ndicator=2787&viz=line chart&years=1980,2024 6. United Nations, https, //sustainabledevelopment.un.org/content/documents/1245mauritiu sEnergy%20Strategy.pdf 7. Economic Development Board, https, //www.edbmauritius.org/renewable-energy 8. Climatemps, Mauritius, http, //www.pamplemousses.climatemps.com/sunlight.php 9. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy 10. International Energy Agency, https, //www.iea.org/countries/mauritius 11. Our World in Data, https,//ourworldindata.org/renewable-energy 12. International Energy Agency, https, //www.iea.org/policies/6428mauritius-renewable-energy-agency-marena 13. Ministry of Energy and Public Utilities, https, //publicutilities.govmu.org/Pages/Energy%20Sector/EnergySector.as рх 14. Central Electricity Board, https, //ceb.mu/ 15. Central Electricity Board, https, //ceb.mu/ouractivities/transmission-and-distribution 16. Central Electricity Board, https, //ceb.mu/files/files/publications/Annual%20Report/ar2015.pdf 17. United Nations Development Programme, https, //www1.undp.org/content/dam/mauritius_and_seychelles/docs/hdr -overview/HDR%202020%20-%20Mauritius%20Country%20Note.pdf 18. African Development Bank, https,//www.afdb.org/en/news-andevents/mauritius-african-development-bank-power-stationrenovation-improves-energy-production-air-quality-19158 19. African Development Bank, https, //www.afdb.org/en/countries/southern-africa/mauritius/mauritiusand-afdb 20. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data 21. Our World in Data, https,//ourworldindata.org/energy-access
- 22. Global petrol prices, https,
 - //www.globalpetrolprices.com/Mauritius/electricity_prices/

Morocco

World Bank, https, //www.worldbank.org/en/country/mozambique/overview#1

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=31.883983,-7.0875,6&r=MAR
- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/papua-new-guinea
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/africa-middle-east/morocco?back=/my-oxford/byregion/middle-east-and-north-africa/morocco&backname=Morocco
- Morocco Power Market Outlook; Global data; https, //power.globaldata.com/Analysis/TableOfContents/Morocco-Power-Market-Outlook-to-2030--Update-2020---Market-Trends--Regulations--and-Competitive-Landscape
- 8. Power sector overview, Morocco; climatescope by BNEF; https, //global-climatescope.org/results/MA#clean-energy-investment
- EY RECAI; https, //assets.ey.com/content/dam/ey-sites/eycom/en_gl/topics/power-and-utilities/power-and-utilities-pdf/eyrecai-57-top-40-ladder.pdf
- 10. Renewable Energy Target, IEA; https, //www.iea.org/policies/6557morocco-renewable-energy-target-2030
- Renewable Energy Policy, IEA; https, //www.iea.org/policies/5521moroccan-agency-for-solar-energy-masen-law-5709?country=Morocco&q=morocco
- 12. Renewable Energy Financing, EBRD; https, //ebrdgeff.com/morocco_facilities/
- 13. MORSEFF, EBRD; http, //www.morseff.com/fr/
- 14. Green Value Chain, EBRD; https, //ebrdgeff.com/morocco/theprogramme/the-facility/
- 15. Renewable Energy financing, World Bank; https, //www.worldbank.org/en/news/pressrelease/2018/06/11/additional-financing-for-morocco-to-develop-asecond-solar-power-complex

Mozambique

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- GOGLA Off-Grid Solar Market report, https, //www.gogla.org/sites/default/files/resource_docs/global_offgrid solar market report h2 2020.pdf
- 3. Energy Africa Mozambique programme, https,//brilhomoz.com/
- SEFA Appraisal report, https, //www.afdb.org/en/documents/mozambique-promotion-renewableenergy-mozambique-enabling-environment-sefa-appraisal-report
- AfDB Energy for All Programme, https, //www.afdb.org/en/documents/mozambique-mozambique-energyall-programme-p-mz-fa0-021-esmf
- 6. Power Africa, https,//www.usaid.gov/powerafrica/mozambique
- 7. SE4ALL Africa, https,//www.se4all-africa.org/seforall-inafrica/country-data/mozambique/
- Global Solar Atlas, https,//globalsolaratlas.info/detail?c=-18.895893,35.507813,5&r=MOZ
- Mozambique Energy situation, https, //energypedia.info/wiki/Mozambique_Energy_Situation
- 10. GET Invest, https, //www.get-invest.eu/marketinformation/mozambique/energy-sector/
- 11. Global Climatescope, https,//global-climatescope.org/policies/
- 12. IMF Staff report, https, //www.imf.org/en/Publications/CR/Issues/2019/06/18/Republic-of-Mozambique-2019-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-46996

Myanmar

- Real GDP Growth, IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/MMR
 World Bank, https, //pubdocs.worldbank.org/en/525471627057268984/Myanmar-Economic-Monitor-July-2021.pdf
 https, //www.statista.com/statistics/1063582/myanmar-value-gdp-
- 3. https,//www.statista.com/statistics/1063582/myanmar-value-gdpcontribution-by-sector/
- World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=BRA&i ndicator=2787&viz=line_chart&years=1980,2024
- 5. Myanmar Country report, https, //www.eria.org/uploads/media/Books/2021-Energy-Outlook-and-Saving-Potential-East-Asia-2020/19_Ch.12-Myanmar.pdf
- 6. Asean Centre for Energy, http://agep.aseanenergy.org/wpcontent/uploads/2019/10/RE-Financing-in-CLM.pdf
- World Bank, https,//www.worldbank.org/en/news/pressrelease/2020/05/29/myanmar-power-system-efficiency-projectbrings-country-closer-to-universal-electricity-access
- 8. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- Myanmar's Electricity vision, http, //d2ouvy59p0dg6k.cloudfront.net/downloads/myanmar_s_electricit y_vision_final_web.pdf
- Asian Development Bank, https, //www.adb.org/sites/default/files/institutionaldocument/218286/mya-energy-sector-assessment.pdf
 Human Development Report 2020, United Nations Development
- Programme, http, //hdr.undp.org/sites/all/themes/hdr_theme/countrynotes/MMR.pdf
- Asian Development Bank, https, //www.adb.org/sites/default/files/publication/27782/mya-2020.pdf
 International Renewable Energy Agency, https,
- 13. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- International Renewable Energy Agency, https, //www.irena.org/-/media/Files/IRENA/Agency/Publication/2020/Dec/Offgrid_Renewable_Energy_Statistics_2020.pdf
- 15. Our World in Data, https,//ourworldindata.org/energy-access
- 16. International Renewable Energy Agency,
 - https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Namibia

1.	Namibia High Commission, https,	4.	World Bank, https,
2	//www.namibiahc.org.uk/economy.php		//tcdata360.worldbank.org/indicat
2.	Real GDP Growth, IMF,	5.	Asian Development Bank, https.
	IIIIps,	•.	//www.adb.org/sites/default/files/
3	World Bank https://databank.worldbank.org/source/world-		ssa.pdf
э.	development-indicators	6.	Asia-Pacific Energy, https,
Л	World Bank https		//policy.asiapacificenergy.org/sites
ч.	//tcdata360 worldbank org/indicators/govt debt grs?country=MUS&i		or_Summary_Report_v6.pdf
	ndicator=2787&viz=line_chart&vears=1980.2024	7.	Global Solar Atlas, https,//globals
5.	Namibia Country Report. https.		study
•	//energyeconomicgrowth.org/sites/eeg.opml.co.uk/files/2020-	8.	Our World in Data, https,//ourwo
	03/Namibia%20Country%20Report.pdf	9.	International Renewable Energy Ag
6.	Namibia Trade Network, Business Ecosystems, https,		https,//www.irena.org/-
	//issuu.com/travelnewsnamibia/docs/ntd_2020_issuu/155		/media/Files/IRENA/Agency/Pub
7.	United Nations Framework Convention on Climate Change, https,		grid_Renewable_Energy_Statisti
	//www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Namibia%	10.	Asian Development Bank, https,
	20First/INDC%20of%20Namibia%20Final%20pdf.pdf		//www.adb.org/sites/default/files/
8.	International Energy Agency, https, //www.iea.org/policies/5746-	11.	Asian Development Bank, https, //
	namibia-feed-in-tariff		sign-grant-agreement-new-solar-p
9.	Climatemps, Namibia, http,	12.	Our World in Data, https,//ourwo
	//www.keetmanshoop.climatemps.com/sunlight.php	13.	International Renewable Energy Ag
10.	Global Solar Atlas, https, //globalsolaratlas.info/global-pv-potential-		//www.irena.org/Statistics/Downic
	study	14.	International Renewable Energy Ag
11.	The World Factbook, https,//www.cia.gov/the-world-		nttps,//public.tableau.com/viev
	factbook/countries/namibia/#energy		embed=y&, snowvizHome=no&
12.	United Nations Development Programme, https,		
	//www.na.undp.org/content/namibia/en/home/presscenter/articles		Netherlan
	/2019/driving-e-mobility-in-namibiaundp-launches-electric-	1.	Index of Economic Freedom, Nethe
4.2	vehicles-p.html		//www.heritage.org/index/pdf/202
13.	Energy Profile, Namibia, https,	2	ICFreedom-Netherlands.pdf
	//wedocs.unep.org/bitstream/nandle/20.500.11822/20522/Energy_p	Ζ.	Keal GDP Growth, INF. https,
14	The Electricity Control Board (ECB) https	2	//www.inii.org/external/datamap
14.	/www.och.org.pa/index.php/pages/och.profile	5.	gross domostic product gdp across
15	Southern Africa Power Pool http://www.sapp.co.zw/		netherlands/
15.	Global Transmission Report https	Л	World Bank https
10.	//www.globaltransmission.info/archive.nhn?id=32396	ч.	//tcdata360.worldbank.org/indicat
17	United Nations Development Programme http		ndicator=2787&viz=line_chart&vez
-/.	//hdr undn org/sites/default/files/Country-Profiles/NAM ndf	5	International Energy Agency https
18.	African Development Bank, https://www.afdb.org/en/news-and-	0.	//iea.blob.core.windows.net/asset
	events/press-releases/namibia-african-development-bank-approves-		0261d73d68b3/The Netherlands
	1294-million-loan-boost-economic-governance-and-competitiveness-	6.	Global Solar Atlas, https,//globals
	34690		study
19.	African Development Bank, https,	7.	TenneT, https,//www.tennet.eu/
	//www.afdb.org/en/documents/2020-2024-republic-namibia-	8.	The European Power Exchange, ht
	country-strategy-paper-csp		//www.epexspot.com/en/about
20.	Our World in Data, https,//ourworldindata.org/renewable-energy	9.	TenneT, https,//www.tennet.eu/?
21.	International Renewable Energy Agency, https,	10.	TenneT, https,//www.tennet.eu/c
	//www.irena.org/Statistics/Download-Data		connections/cobracable/
22.	Our World in Data, https,//ourworldindata.org/energy-access	11.	United Nations Development Progr
23.	International Renewable Energy Agency, https,		//hdr.undp.org/sites/default/files/
	<pre>//public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&,</pre>	12.	TenneT, https,//www.tennet.eu/r
	showVizHome=no&publish=yes&, toolbar=no		electricity-transmission-corridor-in
			renewable-energ/
	Nauru	13.	European Investment Bank, https,
			204-eib-approves-eur-4-1-billion-fi

1. Real GDP Growth, IMF,

https,

2.

//www.imf.org/external/datamapper/NGDP_RPCH@WEO/NRU
Asian Development Bank, https,

//www.adb.org/sites/default/files/linked-documents/48478-001-ssa-01.pdf

3. International Monetary Fund, https, //www.imf.org/en/Publications/CR/Issues/2020/01/29/Republic-of-Nauru-2019-Article-IV-Consultation-Press-Release-Staff-Report-andStatement-by-49001

cors/govt.debt.grs?country=BRA&i ars=1980,2024 linked-documents/49450-009s/default/files/Nauru_Energy_Sect olaratlas.info/global-pv-potentialrldindata.org/energy-access gency, olication/2020/Dec/Offics_2020.pdf /publication/27748/nau-2020.pdf www.adb.org/news/adb-naururoject rldindata.org/renewable-energy gency, https, oad-Data gency, vs/IRENARETimeSeries/Charts?, publish=yes&, toolbar=no nds erlands, https, 21/countries/2021_IndexofEconom per/NGDP_RPCH@WEO/NLD n/statistics/276713/distribution-ofs-economic-sectors-in-thecors/govt.debt.grs?country=BRA&i ars=1980,2024 s/93f03b36-64a9-4366-9d5f-2020_Energy_Policy_Review.pdf olaratlas.info/global-pv-potentialtps, L=0#&panel1-1 our-grid/internationalramme, http, Country-Profiles/NLD.pdf news/detail/eib-finances-tennet--the-netherlands-supporting-//www.eib.org/en/press/all/2021inancing-for-renewable-energyclean-transport-covid-recovery-social-housing-and-education 14. Our World in Data, https,//ourworldindata.org/renewable-energy 15. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data 16. Our World in Data, https,//ourworldindata.org/energy-access 17. Global petrol prices, https, //www.globalpetrolprices.com/Netherlands/electricity_prices/

Nicaragua

- World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
 Human Development Report 2020; UNDP; http,
- Human Development Report 2020 ; UNDP; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- Nicaragua Power Market Outlook; Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Nicaragua-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles?ReportGeographyld=100167
- Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/nicaragua
 Global Solar Atlas; https, //globalsolaratlas.info/detail?c=12.875942,-
- 85.2125,7&r=NIC
- 6. Global Electricity Review 2021; EMBER; https,//emberclimate.org/global-electricity-review-2021/data-explorer/
- 7. IRENA Renewable energy Query Tool; IRENA; https, //www.irena.org/Statistics/Download-Data
- Energy Snapshot; NREL; https, //www.nrel.gov/docs/fy15osti/63945.pdf
- 9. Power Market Overview; Climatescope by Bloomberg NEF; https, //global-climatescope.org/results/NI#clean-energy-investment
- 10. SIEPAC | Transmission & Trading Case Study; World Bank; https, //documents1.worldbank.org/curated/en/117791468337281999/pdf /773070v100ESMA0297B00PUBLIC00SIEPAC.pdf
- 11. Expansion of the Electricity Transmission System Nicaragua; CABEI; https, //www.bcie.org/en/news-and-media/news/article/bcie-masde-56-mil-personas-en-nicaragua-seran-beneficidas-con-laampliacion-del-sistema-de-transmision-electrica
- 12. Sustainable electrification and renewable energy national programme (PNESER), Latin America Investment Facility; https, //www.eulaif.eu/en/projects/sustainable-electrification-andrenewable-energy-national-programme-pneser
- 13. Strengthening electricity sector with new financing, IDB; https, //www.iadb.org/en/news/news-releases/2017-09-29/nicaragua-tocontinue-strengthening-electricity-sector%2C11900.html Niger
- 1. GSA; https,
- //globalsolaratlas.info/detail?c=17.706828,8.085938,5&r=NER
 2. GDP (current), World Bank; https,
 (//blockerset)
- //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=NE3. Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- AFDB; https, //projectsportal.afdb.org/dataportal/VProject/show/P-Z1-FA0-119
- Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Niger
- Credit rating; https, //www.moodys.com/credit-ratings/Niger-Government-of-credit-rating-806356923/ratings/view-by-class
- 8. Niger economic outlook, AFDB; https, //www.afdb.org/en/countrieswest-africa-niger/niger-economic-outlook
- 9. World bank; worldbank.org/en/country/niger/overview
- 10. Power Africa; https://www.usaid.gov/powerafrica/niger
- World bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P160170
- 12. Scaling solar; https, //www.scalingsolar.org/niger-joins-scaling-solar/
- 13. SE4ALL; https, //www.se4all-africa.org/seforall-in-africa/countrydata/niger/
- 14. Lighting Africa; https, //www.lightingafrica.org/country/niger/
- Green climate fund; https, //www.greenclimate.fund/sites/default/files/document/fundingproposal-fp105-boad-multiple-countries.pdf
- Sahel alliance; https, //www.alliance-sahel.org/en/sahel-alliance/
 UNEP; https,
- //wedocs.unep.org/bitstream/handle/20.500.11822/20521/Energy_p
 rofile_Niger.pdf?sequence=1&isAllowed=y

- Africa energy portal; https, //africa-energyportal.org/country/niger#, ~,text=ln%202018%20the%20total%20installed,%2C%20telecom%20t owers%2C%20etc).
- 19. GOGLA; https, //www.gogla.org/sites/default/files/resource_docs/global_off_grid_s olar_market_report_h22019.pdf

Nigeria

- Global solar atlas; https, //globalsolaratlas.info/detail?c=9.107322,8.675,6&r=NGA
 GDP(current), World Bank; https, //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=NG
 Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. General government debt, IMF; https, //www.imf.org/external/datamapper/GG_DEBT_GDP@GDD/SWE
- 5. Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Nigeria
- Nigeria electrification project, World bank; https, //documents1.worldbank.org/curated/en/367411530329645409/pdf /Nigeria-Electrification-PAD2524-06052018.pdf
- Energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Nigeria _Africa_RE_SP.pdf
- 9. NREMP, IEA; https, //www.iea.org/policies/4974-nigeria-renewableenergy-master-plan
- 10. Nigeria Overview, World bank; https,
- //www.worldbank.org/en/country/nigeria/overview#211. Nigeria economic outlook, AFDB; https,
 - //www.afdb.org/en/countries-west-africa-nigeria/nigeria-economicoutlook#, ~,

text=Real%20GDP%20growth%20is%20projected,)%2C%20which%20 emphasizes%20economic%20diversification.&text=Nigeria%20has%2 0many%20opportunities%20to%20transform%20its%20economy%2C %20particularly%20in%20agroprocessing

- 12. Nigeria energy outlook, IEA; https, //www.iea.org/articles/nigeriaenergy-outlook
- 13. Nigerian energy sector, African Energy Portal; https, //africa-energyportal.org/sites/default/files/2019-12/giz2015-en-nigerian-energysector.pdf
- 14. World Bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P146330?lang=en
- 15. World bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P164001
- 16. IEA; https, //www.iea.org/policies/5974-nigeria-feed-in-tariff-forrenewable-energy-sourced-electricity
- 17. IEA; https, //www.iea.org/policies/6375-nigerian-electricityregulatory-commission-mini-grid-regulation-2016
- World bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P161885
- 19. IEA; https, //www.iea.org/policies/13924-nigerian-economicsustainability-plan
- 20. Nigeria power Africa fact sheet, Power Africa; https, //www.usaid.gov/powerafrica/nigeria
- 21. World Bank; https, //www.worldbank.org/en/news/pressrelease/2021/02/05/nigeria-to-improve-electricity-access-andservices-to-citizens
- 22. Transmission, NERC; https, //nerc.gov.ng/index.php/home/nesi/404-transmission
- 23. AFDB; https, //www.afdb.org/fr/news-and-events/benin-nigeriapower-interconnection-project-sharing-energy-in-west-africa-11791

Sultanate of Oman

- 1. List of Economies 2020, World Bank, https, //msf.org.uk/sites/default/files/2021-03/Country%20Income%20Classifications%20(1).pdf
- 2. IMF, https,//www.imf.org/en/News/Articles/2021/09/10/pr21259oman-imf-executive-board-concludes-2021-article-iv-consultationwith-oman
- 3. Real GDP Growth, IMF, https,

4.

- //www.imf.org/external/datamapper/NGDP RPCH@WEO/OMN World Bank, https,//databank.worldbank.org/source/world-
- development-indicators 5. World Bank, https,
- //tcdata360.worldbank.org/indicators/govt.debt.grs?country=MUS&i ndicator=2787&viz=line chart&years=1980,2024
- 6. Ministry of Environment and Climate Affairs, https, //www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Oman%20 Second/Second%20NDC%20Report%20Oman.pdf
- 7. Weather & Climate, https, //weather-and-climate.com/averagemonthly-hours-Sunshine, muscat, Oman
- 8. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 9. International Energy Agency, https, //www.iea.org/countries/oman
- 10. Solar Outlook Report 2020, Middle East Solar Industry Association, https,

//www.worldfutureenergysummit.com/content/dam/sitebuilder/rxa e/worldfutureenergysummit/2021/content-hub/MESIA-2020-Solar-Outlook-Report.pdf

- 11. Authority for Public Services Regulation, https, //www.apsr.om/pdfs/ForwardWorkProgramme/2017FWPConsultatio n.pdf
- 12. Oman Power and Water Procurement Company, https, //omanpwp.om/new/Pages.aspx?Pid=1
- 13. Authority for Public Services Regulation, https, //www.apsr.om/en/node/36
- 14. Oman Electricity Transmission Company, https, //www.omangrid.com/en/pages/home.aspx
- 15. Oman Electricity Transmission Company, https, //www.omangrid.com/en/Pages/Existing-Transmission-System.aspx
- 16. United Nations Development Programme, http, //hdr.undp.org/sites/all/themes/hdr_theme/countrynotes/OMN.pdf
- 17. Asian Infrastructure Investment Bank, https, //www.aiib.org/en/news-events/news/2020/AIIBs-USD60-M-Solar-Investment-in-Oman-Supports-Diversified-Energy-Mix.html
- 18. Asian Infrastructure Investment Bank, https, //www.aiib.org/en/news-events/annual-report/2020/ourinvestments/detail/oman/index.html
- 19. Our World in Data, https,//ourworldindata.org/renewable-energy
- 20. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 21. Our World in Data, https,//ourworldindata.org/energy-access
- 22. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Palau

- 1. Asian Development Bank, https, //www.adb.org/sites/default/files/linked-documents/54011-001ssa.pdf
- 2. Real GDP Growth, IMF, https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/PLW
- 3. Moody's Analytics, https,//www.economy.com/palau/indicators
- Asian Development Bank, https, 4.
- //www.adb.org/countries/palau/overview 5. Lloyds bank, https, //www.lloydsbanktrade.com/en/marketpotential/palau/economy

6. Asia-Pacific Energy, https,//policy.asiapacificenergy.org/node/695#,

text=The%20Palau%20National%20Energy%20Policy,sustainable%2C %20low%20emissions%20energy%20services.&text=Energy%20effici ency%20and%20energy%20conservation,Renewable%20energy%3B %204.

7. Asia-Pacific Energy, https,

2.

4.

8.

9.

- //policy.asiapacificenergy.org/ru/node/2860
- 8. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudv
- 9. Our World in Data, https,//ourworldindata.org/energy-access
- 10. Palau Public Utilities Corporation, https,//www.ppuc.com/about-us/ 11. United Nations Development Programme, http,
- //hdr.undp.org/sites/all/themes/hdr_theme/country-notes/PLW.pdf 12. Asian Development Bank, https,
- //www.adb.org/sites/default/files/publication/27787/pal-2020.pdf 13. International Renewable Energy Agency, https,
 - //www.irena.org/Statistics/Download-Data
- 14. International Renewable Energy Agency. https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Papua New Guinea

1.	World Economic Outlook (April 2021); IMF; https,
	//www.imf.org/external/datamapper/datasets/WEO
2.	Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-
	6.514124,148.4042,5&r=PNG
3.	Tracking SDG7 Report; ESMAP; https,
	<pre>//trackingsdg7.esmap.org/country/papua-new-guinea</pre>
4.	Global Electricity Review 2021; Ember; https, //ember-
	climate.org/global-electricity-review-2021/data-explorer
5.	Per Capita Consumption, Our World in Data; https,
	//ourworldindata.org/grapher/per-capita-electricity-
	consumption?tab=table
6.	EURIP, World Bank; https, //www.worldbank.org/en/news/press-
	release/2021/04/06/papua-new-guinea-improved-access-to-reliable-
	affordable-energy
7.	Papua New Guinea, Australian National University; https,
	//devpolicy.org/the-crisis-of-governance-in-pngs-power-sector-
	20210714/
8.	Energise rural PNG news update, Lighting Global https,
	//www.lightingglobal.org/news/origin-energy-ifc-launch-pay-as-you-
	go-power-to-energize-rural-papua-new-guinea/
9.	Papua New Guinea economic update, World Bank https,
	//www.worldbank.org/en/country/png/publication/papua-new-
	guinea-in-the-time-of-covid-19from-relief-to-recovery
10.	National Energy Policy 2016-20, Asiapacificenergy; https,
	<pre>//policy.asiapacificenergy.org/node/2676</pre>
11.	Papua New Guinea country report, Global Green Growth Institute;
	https,//gggi.org/site/assets/uploads/2019/07/GGPA-PNG-
	Report_FINAL.pdf
12.	Port Moresby Power Grid Development Project, ADB; https,

- //www.adb.org/projects/43197-013/main 13. Papua New Guinea overview, World Bank https, //www.worldbank.org/en/country/png/overview#2
- 14. Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/asia-pacific/papua-new-guinea?back=/my-oxford/byregion/asia-pacific/papua-new-guinea&backname=Papua New Guinea

Paraguay

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- 2. World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519-
- world-bank-country-and-lending-groups
 IMF, https, //www.imf.org/en/News/Articles/2020/07/01/na0701220-paraguay-
- beats-the-pandemic-and-seeks-new-growth
- 4. IEA, https, //www.iea.org/countries/paraguay
- 5. Tracking SDG 7, https, //trackingsdg7.esmap.org/country/paraguay
- 6. Global Solar Atlas, https, //globalsolaratlas.info/detail?c=-23.503552,-58.458252,6&r=PRY
- 7. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- UN data, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
 IRENA, https, //www.irena.org/-
- /media/Files/IRENA/Agency/Publication/2021/Sep/IRENA_RRA_Para guay_2021.pdf?la=en&hash=1D9F9D65EA608A7F25ADCE0C549E323 78B538E75
- 10. IRENA, https, //www.irena.org/Statistics/Download-Data

Peru

- 1. World Economic Outlook (April 2021); https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TZA
- 2. Human Development Report 2020 ; http, //hdr.undp.org/sites/default/files/hdr2020.pdf
- Peru Power Market Outlook; https, //power.globaldata.com/Analysis/TableOfContents/Peru-Power-Market-Outlook-to-2030--Update-2021---Market-Trends--Regulations--and-Competitive-Landscape
- 4. Tracking SDG7 Report; https, //trackingsdg7.esmap.org/country/peru
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-9.297307,-74.970703,5&r=PER
- 6. Global Electricity Review 2021; https, //ember-climate.org/globalelectricity-review-2021/data-explorer/
- Cross Border Interconnection between Peru and Ecudor; http, //www.proyectosapp.pe/modulos/JER/PlantillaProyecto.aspx?ARE=1 &PFL=2&JER=8661&SEC=30
- 8. Power Market Overview; https, //globalclimatescope.org/results/PE#power-prices-and-lcoes
- 9. Energy Snapshot; https, //www.nrel.gov/docs/fy19osti/73941.pdf
- Generation Mix in Peru; https, //www.iea.org/data-andstatistics/databrowser?country=PERU&fuel=Energy%20supply&indicator=ElecGenB yFuel
- 11. RE policies; http, //documents1.worldbank.org/curated/en/122241552317273992/pdf /WPS8772.pdf
- 12. RE policies; https, //www.iea.org/policies/11975-climate-changeframework-law?country=Peru&qs=peru
- RE Regulations; https, //www.iea.org/policies/4840-new-regulationsof-electricity-generation-from-renewableenergy?country=Peru&qs=peru
- 14. Financing of RE; https, //www.worldbank.org/en/about/partners/brief/peru-buildinginfrastructure-with-local-financing
- 15. Financing of RE; https, //www.climateaction.org/news/europeaninvestment-bank-provides-150m-for-renewable-energy-in-peru
- 16. Country Economic Forecast; Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/latin-america/peru?back=/my-oxford/by-region/latinamerica/peru&backname=Peru

Rwanda

- Global solar atlas; https, //globalsolaratlas.info/detail?c=-1.946088,29.87915,8&r=RWA
 GDP(current), World Bank; https,
- //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=RW
 Real GDP growth, IMF; https,
 - //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. Eastern African power pool; https, //eappool.org/
- 5. Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Rwanda
- Credit rating, Moodys; https, //www.moodys.com/creditratings/Rwanda-Government-of-credit-rating-806356929/ratings/view-by-class
- Doing business, World Bank; https, //documents1.worldbank.org/curated/en/688761571934946384/pdf /Doing-Business-2020-Comparing-Business-Regulation-in-190-Economies.pdf
- 9. Rwanda energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Rwand a_Africa_RE_SP.pdf
- 10. Economic outlook, AFDB; https, //www.afdb.org/en/countries/eastafrica/rwanda/rwanda-economic-outlook
- World Bank; https, //www.worldbank.org/en/country/rwanda/overview#1
 Power sector overview; https, //www.frontiersin.org/articles/10.3389/fenrg.2018.00068/full
- AFDB; https, //www.afdb.org/fileadmin/uploads/afdb/Documents/Project-and-Operations/Burundi_-_Kenya_-_Rwanda_-_Uganda_-_DRC_-

_Interconnection_of_Electric_Grids_of_Nile_Equatorial_Lakes_Count ries_-_Appraisal_Report.pdf

- Rwanda strategic plan; https, //www.reg.rw/fileadmin/user_upload/REG_Strategic_plan.pdf
 Power Africa factsheet, USAID; https,
- //www.usaid.gov/powerafrica/rwanda
- 16. Rwanda eoi ; https,

//www.climateinvestmentfunds.org/sites/cif_enc/files/meetingdocuments/rwanda_eoi_0.pdf

17. Rwanda energy group; https, //www.reg.rw/what-wedo/generation/solar/

 IRENA; https, //irena.org/-/media/Files/IRENA/Agency/Publication/2021/March/Renewable-Energy-Transition-Africa_Country_Studies_2021.pdf?la=en&hash=46D8ADDF378CD917

C90F85F899B3F2B33A787CB8

19. World bank; https, //www.worldbank.org/en/news/pressrelease/2017/07/07/government-of-rwanda-and-the-world-banksign-agreement-to-increase-access-to-electricity-through-off-gridrenewable-energy

Saint Kitts & Nevis

1. IMF, https,

- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/KNAWorld Bank, https,
- //datahelpdesk.worldbank.org/knowledgebase/articles/906519-worldbank-country-and-lending-groups
- 3. State.gov, https, //www.state.gov/reports/2021-investment-climatestatements/saint-kitts-and-nevis/
- 4. Government of Saint Kitts & Nevis, https, //www.gov.kn/
- 5. NREL, https, //www.nrel.gov/docs/fy15osti/62706.pdf
- 6. UN, https, //sustainabledevelopment.un.org/partnership/?p=12417
- 7. Global Solar Atlas, https, //globalsolaratlas.info/detail?c=17.254272,-62.7042,11&r=KNA
- Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 9. ESMAP, https, //trackingsdg7.esmap.org/country/saint-kitts-and-nevis
- 10. REEEP, https, //www.reeep.org/saint-kitts-and-nevis-2012
- IRENA, https, //www.irena.org/Statistics/Download-query-tools
 UNFCCC, https, //www.ctc-n.org/sites/www.ctc-
- n.org/files/UNFCCC_docs/st._kitts_and_nevis_indc.pdf
- 13. NREL, https, //www.nrel.gov/docs/fy20osti/76650.pdf
- 14. IADB, https, //publications.iadb.org/publications/english/document/Challengesand-Opportunities-for-the-Energy-Sector-in-the-Eastern-Caribbean-
- Saint-Kitts-and-Nevis-Energy-Dossier.pdf 15. OAS, http,
 - //www.oas.org/en/sedi/dsd/energy/doc/9a._oas_financing_guide_to_ sustainable_energy_lending.pdf
- 16. IADB,https, //publications.iadb.org/publications/english/document/State-of-
- Charge-Energy-Storage-in-Latin-America-and-the-Caribbean.pdf 17. Globaldata Power,
 - https, //power.globaldata.com/Analysis/TableOfContents/St--Kittsand-Nevis-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles

Saint Lucia

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=13.908386,-60.97915,10&r=LCA
- Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/saint-lucia
 Global Electricity Review 2021; Ember; https, //ember-
- Global Electricity Review 2021, Elliber, https://elliberclimate.org/global-electricity-review-2021/data-explorer
 Per Capita Consumption. Our World in Data: https.
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- 6. Saint Lucia Economy Overview, CIA; https, //www.cia.gov/the-worldfactbook/countries/saint-lucia/#economy
- Energy Snapshot, US Department of Energy; https, //www.energy.gov/sites/prod/files/2020/09/f79/ETI-Energy-Snapshot-St-Lucia_FY20.pdf
- Power Market Outlook, Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Saint-Lucia-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles
- 9. Annual Report, LUCELEC; https, //www.lucelec.com/sites/default/files/annualreports/LUCELEC_2020_Annual_Report.pdf
- 10. Renewable Energy Target, World Bank; https, //pubdocs.worldbank.org/en/900781531831128366/5272-XCTFLC620A-St-Lucia-Project-Document.pdf
- 11. Renewable Energy Financing, World Bank; https, //www.worldbank.org/en/news/press-release/2021/07/28/worldbank-approves-us-21-9-million-to-fund-geothermal-energy-explorationin-saint-lucia
- 12. Renewable Energy Financing, CARICOM Today; https, //today.caricom.org/2021/05/14/saint-lucia-development-bankbecomes-first-financing-partner-of-craf-to-benefit-smes/
- 13. Renewable Energy Financing, Green Climate Fund; https, //www.greenclimate.fund/project/fp020

Saint Vincent and the Grenadines

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=12.958663,-61.2875,9&r=VCT
- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/saint-vincent-and-grenadines
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country profile CIA; https, //www.cia.gov/library/publications/theworld-factbook/geos/vc.html
- Power sector snapshot; https, //www.nrel.gov/docs/fy15osti/64127.pdf
 Energy Snapshot, US DoE; https,
 - //www.energy.gov/sites/default/files/2020/09/f79/ETI-Energy-Snapshot-StVincent-Grenadines_FY20.pdf
- 9. Power Market Outlook, Global Data; https, //power.globaldata.com/Analysis/TableOfContents/St--Vincent-and-Grenadines-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles
- 10. Renewable Energy Financing, CDB; https, //www.caribank.org/newsroom/news-and-events/cdb-supporthelping-st-vincent-and-grenadines-solar-energy-efforts-0
- 11. Renewable Energy Financing, Green Climate Fund; https, //www.greenclimate.fund/project/fp020
- 12. Renewable Energy Financing, ECPA; https, //ecpamericas.org/news/stvincent-and-the-grenadines-27-million-geothermal-energy-projectlaunched/

Samoa

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- 2. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer/
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-13.754409,-172.10835,9&r=WSM
- 4. Country Overview, CIA; https, //www.cia.gov/the-worldfactbook/countries/samoa/#economy
- 5. RE stats, IRENA; https, //www.irena.org/IRENADocuments/IRENA_RE_electricity_statistics_-_Query_tool.xlsm
- Renewable Islands, IRENA https, //www.irena.org/publications/2014/Jun/Renewable-islands-Settingsfor-success
- 7. Tracking SDG7 Report; https, //trackingsdg7.esmap.org/country/samoa
- Renewable Energy Project, UNDP,https, //www.asiapacific.undp.org/content/rbap/en/home/presscenter/pressreleases/20 17/10/31/samoa-is-ready-to-impress-with-launch-of-large-scalerenewable-energy-project.html
- 9. INDC, UNFCC; https, //www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Samoa%20Fi rst/Samoa%20INDC_Submission%20to%20UNFCCC.pdf
- 10. Electric Power Corporation; https, //www.mpe.gov.ws/links/publicbodies/trading/electric-power-corporation/
- RE Financing, ADB; https, //www.adb.org/projects/46044-002/main
 Project IMPRESS, reliefweb; https,
- //reliefweb.int/report/samoa/samoa-ready-impress-launch-large-scalerenewable-energy-project
- Samoa National Study, ESCAP; https, //www.unescap.org/sites/default/d8files/4-Samoa%20National%20Study_0.pdf
- 14. Annual Report, EPC; https, //www.epc.ws/wp-
- content/uploads/2021/06/EPCAnnualReport20182019final-1.pdf 15. Pacific Finance Sector Briefs, ADB; https,
 - //www.adb.org/sites/default/files/publication/529851/pacific-financesector-samoa.pdf

Sao Tome & Principe

Global solar atlas; https,

1.

- //globalsolaratlas.info/detail?c=0.840424,6.959839,8&r=STP
 2. GDP(current), World Bank; https,
- //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=STReal GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- World Bank; https, //www.worldbank.org/en/country/saotome/overview
- Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Senegal
- AFDB; https, //www.afdb.org/en/countries-southern-africa-saotome-and-principe/sao-tome-and-principe-economic-outlook#, ~, text=Macroeconomic%20performance%20and%20outlook,agricultur e%2C%20construction%2C%20and%20services.&text=Public%20debt %20increased%20from%2064.2,increasing%20the%20country%27s% 20debt%20vulnerability
- 8. AFDB; https, //www.afdb.org/en/countries/southern-africa/saotome-and-principe/sao-tome-and-principe-and-the-afdb
- 9. World Bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P157096?lang=en&tab=procurement
- 10. Energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Sao%2 0Tome%20and%20Principe_Africa_RE_SP.pdf
- 11. AFDB; https, //www.afdb.org/en/documents/sao-tome-e-principeenergy-transition-and-institutional-support-programme-etisp-p-stfab-002-esmf-summary
- 12. ESMAP; https, //www.esmap.org/node/57542
- 13. United Nations Industrial Development Organization; https, //www.gn-sec.net/procurement/renewable-energy-and-energyefficiency-action-plans-support-national-vision-sao-tome-e
- 14. UNIDO; https, //www.unido.org/stories/post-covid-19-sao-tome-andprincipe-sustainable-future-renewable-energy-and-energy-efficiency

Saudi Arabia

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=24.513328,45.08335,5&r=SAU
 Tracking SDG7 Report: ESMAR: https
- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/saudi-arabia
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/africa-middle-east/saudi-arabia?back=/my-oxford/byregion/middle-east-and-north-africa/saudiarabia&backname=Saudi%20Arabia
- 7. Power sector overview, Saudi Arabia; climatescope by BNEF https, //global-climatescope.org/results/SA
- Power sector overview, Global Data; https, //power.globaldata.com/Analysis/TableOfContents/Saudi-Arabia-Power-Market-Outlook-to-2030--Update-2021---Market-Trends--Regulations--and-Competitive-Landscape
- 9. Gulf Cooperation Council; https, //www.gcc-sg.org/enus/Pages/default.aspx
- 10. Saudi Green Initiative; https; //www.saudigreeninitiative.org/wpcontent/uploads/2021/05/27March_EN_HRH_Crown_Prince_Annou nces_the_Saudi_Green_Initiative_and_the_Middle_East_Green_Initi ative.pdf

- 11. Invest Saudi; https, //investsaudi.sa/en/why-saudi-arabia/incentivessupport
- 12. Drivers for RE in Saudi Arabia, World Economic Forum; https, //www.weforum.org/agenda/2018/02/4-drivers-that-will-acceleraterenewable-energy-deployment-in-saudi-arabia/
- 13. National Renewable Energy Plan, OPEC fund; https, //opecfund.org/news/saudi-arabia-launches-major-renewableenergy-initiative
- 14. Renewable Energy Financing, IFC; https, //www.ifc.org/wps/wcm/connect/news_ext_content/ifc_external_co rporate_site/news+and+events/news/ifc+invests+to+expand+sustain able+energy+financing
- 15. Renewable Energy Financinc, JBIC; https, //www.jbic.go.jp/en/information/press/press-2020/0322-014436.html

Senegal

- 1. Global solar atlas; https, //globalsolaratlas.info/detail?c=14.510848,-14.4375,7&r=SEN
- GDP(current), World Bank; https, //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=SN
 Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. Sustainable energy for all; https, //www.se4all-africa.org/seforall-inafrica/country-data/senegal/
- Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Senegal
- Senegal Energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Senega I_Africa_RE_SP.pdf
- Green climate fund; https, //www.greenclimate.fund/sites/default/files/document/fundingproposal-fp105-boad-multiple-countries.pdf
- 9. Scaling solar; https, //www.scalingsolar.org/activeengagements/senegal/
- 10. World bank; https, //www.worldbank.org/en/country/senegal/overview
- 11. Senegal economic outlook, AFDB; https, //www.afdb.org/en/countries/west-africa/senegal/senegaleconomic-outlook
- 12. Fund proposal, Green climate fund; https, //www.greenclimate.fund/sites/default/files/document/fp138-boadsenegal_0.pdf
- 13. UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20517/Energy_p rofile_Senegal.pdf?sequence=1&isAllowed=y
- 14. Climate investment funds; https, //www.climateinvestmentfunds.org/sites/cif_enc/files/meetingdocuments/senegal_eoi_0.pdf
- 15. Senegal energy sector overview, Power Africa; https, //www.usaid.gov/powerafrica/senegal

Seychelles

- Global solar atlas; https, //globalsolaratlas.info/detail?c=-1. 6.973743,51.24585,6&r=SYC
- 2. GDP (current), World Bank; https, //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=SC 3. Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. Energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Seyche Iles_Africa_RE_SP.pdf
- 5. Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Country reports, Tracking SDG7; https,
- //trackingsdg7.esmap.org/time?country=Seychelles 7. Fitch Ratings; https,
- //www.fitchratings.com/research/sovereigns/fitch-affirmsseychelles-at-b-outlook-stable-28-05-2021
- 8. Economic outlook, AFDB; https, //www.afdb.org/en/countries/eastafrica-seychelles/seychelles-economic-outlook
- 9. Economic outline, Lloyds Bank; https, //www.lloydsbanktrade.com/en/marketpotential/seychelles/economy
- 10. Per capita GDP (at current prices), World Bank; https, //data.worldbank.org/indicator/NY.GDP.PCAP.CD?locations=SC&nam 8. e desc=false
- 11. Overview, World Bank; https,
- //www.worldbank.org/en/country/seychelles/overview#2
- 12. Renewable energy, Seychelles investment board; https, //investinseychelles.com/key-sectors/other/renewable-energy
- 13. Seychelles infrastructure plan, AFDB; https, //www.afdb.org/fileadmin/uploads/afdb/Documents/Project-and-Operations/Seychelles_-_Infrustructure_Action_Plan_Report.pdf
- https, //www.renewableenergyworld.com/solar/seychelles-to-build-14. worlds-largest-floating-solar-plant/#gref
- 15. https, //fsr.eui.eu/how-are-islands-promoting-and-integratingrenewables/

Somalia

- 1. Global solar atlas; https, //globalsolaratlas.info/detail?c=5.203675,46.2042,5&r=SOM
- 2. GDP (current), World Bank; https, //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=SO 3. Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- Per capita electricity, Our world in data; https, 4. //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 5. Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/country/somalia
- 6. Energy profile Somalia, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20514/Energy_p rofile_Somalia.pdf?sequence=1&isAllowed=y
- 7. Somalia economic outlook, AFDB; https, //www.afdb.org/en/countries-east-africa-somalia/somalia-economicoutlook
- 8. Somalia overview, World Bank; https, //www.worldbank.org/en/country/somalia/overview#2
- 9. Somalia Power Africa fact sheet, USAID; https, //www.usaid.gov/powerafrica/wherewework/somalia 10. Somalia energy profile, IRENA; https,
- //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Somali a_Africa_RE_SP.pdf
- Renewable Energy Finance Flows (irena.org); https, 11. //www.irena.org/Statistics/View-Data-by-Topic/%20Finance-and-

Investment/Renewable-Energy-Finance-Flows

1.

2.

3.

4.

5.

6.

7.

9.

- 12. Lighting Africa; https, //www.lightingafrica.org/country/somalia-2/ 13. African-energy-portal; https, //africa-energy
 - portal.org/news/somalia-beco-builds-8-mwp-solar-power-plantmogadishu

South Sudan Global solar atlas: https. //globalsolaratlas.info/detail?c=7.885579,29.73335,6&r=SSD GDP(current), World Bank; https, //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=SS Real GDP growth, IMF; https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W South sudan energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/South %20Sudan Africa RE SP.pdf Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019 Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=South%20Sudan World bank; https, //www.worldbank.org/en/country/southsudan/overview#3 South Sudan economic outlook, AFDB; https, //www.afdb.org/en/countries/east-africa/south-sudan/south-sudaneconomic-outlook Energy profile, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20597/Energy_p rofile_SouthSudan.pdf?sequence=1&isAllowed=y 10. Eastern African power pool; https, //eappool.org/ 11. Doing business, World Bank; https, //documents1.worldbank.org/curated/en/688761571934946384/pdf /Doing-Business-2020-Comparing-Business-Regulation-in-190-Economies.pdf 12. Power sector in south sudan; https, //aop-media-serv-eu-1.s3.eucentral-1.amazonaws.com/2017/10/Energy-Ministrypresentation_FIN.pdf 13. World investment report 2021; https, //unctad.org/system/files/official-document/wir2021_en.pdf 14. Africa energy portal; https, //africa-energy-portal.org/news/southsudan-agreement-cairo-wau-dam-feasibility-study 15. https, //www.projectstoday.com/News/Uganda-govt-working-on-Uganda-South-Sudan-electricity-interconnection AFDB; https, //www.afdb.org/en/success-stories/south-sudan-city-

- 16. darkness-no-longer-african-development-bank-supported-electricityproject-lights-capital-35701
- 17. AFDB; https, //www.afdb.org/en/news-and-events/pressreleases/south-sudan-african-development-bank-financed-upgradedjuba-power-distribution-system-comes-onstream-32798
- 18. AFDB infrastructure action plan; https, //www.afdb.org/sites/default/files/documents/projects-andoperations/south_sudan_infrastructure_action_plan_-_a_program_for_sustained_strong_economic_growth_full report.pdf
- 19. Renewable energy council; https, //isainfopedia.org/renewableenergy-council-south-sudan-recoss
- South Sudan gap analysis report, Sustainable energy for all; https, 20. //www.seforall.org/sites/default/files/South_Sudan_RAGA_EN_Relea sed.pdf

- Sri Lanka World Bank, https, 1. //www.worldbank.org/en/country/srilanka/overview 2. International Trade Administration, Srilanka Market overview, https, //www.trade.gov/country-commercial-guides/sri-lanka-marketoverview Real GDP Growth, IMF. 3. https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/LKA 4. Statista, https,//www.statista.com/statistics/728539/share-ofeconomic-sectors-in-the-gdp-in-sri-lanka/ 5. World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=BRA&i ndicator=2787&viz=line_chart&years=1980,2024 6. World Bank, https, //www.worldbank.org/en/news/feature/2021/08/25/sri-lanka-cangain-a-myriad-of-benefits-from-twinning-floating-solar-andhydropower 7. Asian Development Bank, https, //www.adb.org/sites/default/files/publication/354591/sri-lankapower-2050v2.pdf 8. Asian Development Bank, https, //www.adb.org/results/solarpower-rooftops-sri-lanka 9. Global Solar Atlas, globalsolaratlas.info/global-pv-potential-study 10. Our World in Data, https,//ourworldindata.org/energy/country/srilanka
 - Public Utilities Commission of Sri Lanka, https, //www.pucsl.gov.lk/electricity/consumer/electric-vehicle-users/
 Asian Development Bank, https,
 - //www.adb.org/sites/default/files/institutionaldocument/547381/sri-lanka-energy-assessment-strategy-roadmap.pdf
 - 13. Public Utilities Commission of Sri Lanka, https, //www.pucsl.gov.lk/about-us/
 - 14. Public Utilities Commission of Sri Lanka, https, //www.pucsl.gov.lk/wp-content/uploads/2017/10/Transmission-Performance-Report-%E2%80%93-2014-first-half.pdf
 - 15. India Brand Equity Foundation, https,//www.ibef.org/news/india-toset-up-solar-power-park-in-sri-lanka
 - 16. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/LKA.pdf
 - 17. World Bank, https,//www.worldbank.org/en/news/pressrelease/2021/09/20/sri-lanka-world-bank-sign-agreement-tostrengthen-climate-climate-resilience
 - 18. Renewables now, https,//renewablesnow.com/news/ifc-works-toboost-financing-for-renewables-in-sri-lanka-577354/
 - 19. Our World in Data, https,//ourworldindata.org/renewable-energy
 - 20. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
 - 21. Our World in Data, https,//ourworldindata.org/energy-access
 - 22. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Sudan

- 1. Global solar atlas; https,
- //globalsolaratlas.info/detail?c=15.545162,30.30835,5&r=SDN
 2. GDP(current), World Bank; https,
- //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=SDReal GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. Eastern African power pool; https, //eappool.org/
- Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Sudan
 Deing business Warld Back bits

- /Doing-Business-2020-Comparing-Business-Regulation-in-190-Economies.pdf
- Sudan energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Sudan _Africa_RE_SP.pdf
- 9. Sudan economic outlook, AFDB; https, //www.afdb.org/en/countries/east-africa/sudan/sudan-economicoutlook
- 10. World Bank; https, //www.worldbank.org/en/country/sudan/overview#2
- 11. Diagnostic review of sudan electricity sector, World Bank; https, //openknowledge.worldbank.org/bitstream/handle/10986/33702/Fr om-Subsidy-to-Sustainability-Diagnostic-Review-of-Sudan-Electricity-Sector.pdf?sequence=1&isAllowed=y
- 12. T & D losses, globaldata; https, //power.globaldata.com/geography/tndlosses/100221?Country=Sud an&CountryId=492~233
- 13. Sudan NAMA profile, UNFCCC; https, //unfccc.int/files/cooperation_support/nama/application/pdf/sudan _namaprofile.pdf
- 14. Energy profile, UNEP; https, //wedocs.unep.org/bitstream/handle/20.500.11822/20596/Energy_p rofile_Sudan.pdf?sequence=1&isAllowed=y

Suriname

- 1. IMF, https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/TCDName of the report, Organization
- World Bank, https, //datahelpdesk.worldbank.org/knowledgebase/articles/906519world-bank-country-and-lending-groups
- 3. Britannica, https, //www.britannica.com/place/Suriname/Economy
- 4. NREL, https, //www.nrel.gov/docs/fy20osti/76653.pdf
- 5. IRENA, https, //www.irena.org/-

/media/Files/IRENA/Agency/Publication/2015/IRENA_RE_Latin_Ame rica_Policies/IRENA_RE_Latin_America_Policies_2015_Country_Surin ame.pdf?la=en&hash=54B1546C99416B679A2973D1A1F1CAC8905FE 2F0

6. UNFCCC, https,

//www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Suriname
%20Second/Suriname%20Second%20NDC.pdf

- 7. Global Solar Atlas, https,
 - //globalsolaratlas.info/detail?r=SUR&c=3.9276,-56.0167,7
- 8. IADB, https, //blogs.iadb.org/caribbean-dev-trends/en/first-solarplant-for-rural-communities-in-suriname/
- 9. Ember Climate, https, //ember-climate.org/global-electricity-review-2021/data-explorer/
- 10. ESMAP, https, //trackingsdg7.esmap.org/country/suriname
- 11. NVEBS, https, //nvebs.com/over-ons
- Caribbean Development Bank, https, //www.caribank.org/newsroom/news-and-events/electricity-systemupgrade-and-expansion-project-launched-suriname
 Globaldata Power, https,
- Globaldata Power, https, //power.globaldata.com/Analysis/TableOfContents/Suriname-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles
- 14. Investment Climate Statements, https, //www.state.gov/reports/2020-investment-climatestatements/suriname/
- 15. IISD, http, //sdg.iisd.org/news/idb-funds-energy-sector-reform-insuriname/
- 16. UN Data, http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEC
- 17. IRENA, https, //www.irena.org/Statistics/Download-query-tools
- OPEC Fund, https, //opecfund.org/operations/list/expansion-ofpower-generation-transmission-and-distribution-systems-project
 Climate Laws,
 - https, //climate-laws.org/geographies/suriname/laws/electricityact-2016
- 7. Doing business, World Bank; https, //documents1.worldbank.org/curated/en/68876157#334966394ingfSolar | Page 271

Sweden

- Real GDP Growth, IMF, 1. https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/SWE 2. World Bank, https,//databank.worldbank.org/source/worlddevelopment-indicators 3. Nordea, https,//insights.nordea.com/en/economics/swedisheconomy-september-2021/ 4. European Union, https, //ec.europa.eu/economy_finance/forecasts/2021/summer/ecfin_for ecast_summer_2021_se_en.pdf 5. International Energy Agency, https, //www.iea.org/countries/sweden 6. International Renewable Energy Agency, https, //www.irena.org/publications/2020/Jan/Innovative-solutions-for-100-percent-renewable-power-in-Sweden
- 7. European Alternative Fuels Observatory, https, //www.eafo.eu/countries/sweden/1755/incentives
- 8. Climatemps, Sweden, http, //www.stockholm.climatemps.com/sunlight.php
- 9. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 10. International Energy Agency, https, //iea.blob.core.windows.net/assets/abf9ceee-2f8f-46a0-8e3b-78fb93f602b0/Energy_Policies_of_IEA_Countries_Sweden_2019_Rev iew.pdf
- EPEX SPOT, https,//www.epexspot.com/en/about 11.
- 12. Nordpool, https,//www.nordpoolgroup.com/About-us/
- 13. Svenska Kraftnat, https, //www.svk.se/en/national-grid/
- 14. Ellevio, https,//www.ellevio.se/en/about-us/ 15. Ellevio, https,
- //www.ellevio.se/globalassets/uploads/dokument/ellevio_ar_eng.pd
- 16. European Union, https,
- //ec.europa.eu/competition/publications/cpn/2010_2_1.pdf
- 17. United Nations Development Programme, http, //hdr.undp.org/sites/default/files/Country-Profiles/SWE.pdf
- 18. United Nations Climate Change, https,//unfccc.int/climateaction/momentum-for-change/financing-for-climate-friendlyinvestment/green-finance-and-the-aggregation-of-swedish-localgovernment-investments-projects
- 19. European Investment Bank, https, //www.eib.org/en/projects/regions/europeanunion/sweden/expo/index.htm
- 20. Our World in Data, https,//ourworldindata.org/renewable-energy
- 21. International Renewable Energy Agency, https, //www.irena.org/Statistics/Download-Data
- 22. Our World in Data, https,//ourworldindata.org/energy-access
- 23. International Renewable Energy Agency, https, //public.tableau.com/views/IRENARETimeSeries/Charts?, embed=y&, showVizHome=no&publish=yes&, toolbar=no

Tanzania

- 1. Global solar atlas; https, //globalsolaratlas.info/detail?c=-6.399186,34.8917,6&r=TZA
- 2. GDP (current), World Bank; https, //data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=TZ
- 3. Real GDP growth, IMF; https, //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- General government debt, IMF; https, 4. //www.imf.org/external/datamapper/GG_DEBT_GDP@GDD/SWE
- 5. Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- 6. Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=United%20Republic%20of%

20Tanzania

- 7. Credit rating, https, //www.moodys.com/credit-ratings/Tanzania-Government-of-credit-rating-600034704/ratings/view-by-class
- Economic outlook, AFDB; https, //www.afdb.org/en/countries-east-8. africa-tanzania/tanzania-economic-outlook
- Overview, World Bank; https, 9. //www.worldbank.org/en/country/tanzania/overview#1 10. Doing business, World Bank; https, //documents1.worldbank.org/curated/en/688761571934946384/pdf /Doing-Business-2020-Comparing-Business-Regulation-in-190-Economies.pdf 11. Energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical Profiles/Africa/United %20Republic%20of%20Tanzania Africa RE SP.pdf Power Africa factsheet, USAID; https, 12. //www.usaid.gov/powerafrica/tanzania 13. Power market assessment Tanzania, USAID; https, //www.usaid.gov/sites/default/files/documents/1860/PAOP-Tanzania-MarketAssessment-Final_508.pdf 14. Power outlook, Globaldata; https, //power.globaldata.com/Analysis/TableOfContents/Tanzania-Power-Market-Outlook-to-2030--Update-2018---Market-Trends--Regulations--and-Competitive-Landscape 15. Eastern African power pool; https, //eappool.org/
- 16. World Bank; https, //projects.worldbank.org/en/projectsoperations/project-detail/P153781
- 17. Renewable energy in Tanzania, AFDB; https, //www.afdb.org/fileadmin/uploads/afdb/Documents/Generic-Documents/Renewable_Energy_in_Africa_-_Tanzania.pdf
- 18. https, //mof.go.tz/mofdocs/msemaji/Five%202016_17_2020_21.pdf

Togo

- Global solar atlas; https, //globalsolaratlas.info/detail?c=8.637567,0.8333,7&r=TGO
 GDP (current), World Bank; https,
- Keal GDP growth, IMF; https,
 Real GDP growth, IMF; https,
- //www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A DVEC/W
- 4. UNEP, https, //wedocs.unep.org/bitstream/handle/20.500.11822/20593/Energy_p rofile_Togo.pdf?sequence=1&isAllowed=y
- Per capita electricity, Our world in data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table&time=2019
- Country reports, Tracking SDG7; https, //trackingsdg7.esmap.org/time?country=Togo
- Togo electrification strategy, lighting global; https, //www.lightingglobal.org/wp-content/uploads/2018/12/Togo-Electrification-Strategy-Short-EN-Final.pdf
- Credit rating, Moody's; https, //www.moodys.com/creditratings/Togo-Government-of-credit-rating-806356941/reports?category=Ratings_and_Assessments_Reports_rc |Issuer_Reports_rc&type=Rating_Action_rc|Announcement_rc|Ann ouncement_of_Periodic_Review_rc,Credit_Opinion_ir_rc|Issuer_in_ Depth rc
- 9. AFDB; https, //projectsportal.afdb.org/dataportal/VProject/show/P-Z1-F00-034
- Energy profile, IRENA; https, //www.irena.org/IRENADocuments/Statistical_Profiles/Africa/Togo_ Africa RE SP.pdf
- Green climate fund; https, //www.greenclimate.fund/sites/default/files/document/fundingproposal-fp105-boad-multiple-countries.pdf
- 12. Togo economic outlook, AFDB; https, //www.afdb.org/en/countrieswest-africa-togo/togo-economic-outlook
- 13. Africa energy; https, //www.africa-energy.com/article/togo-adfdfunding-30mw-solar-scheme
- 14. World Bank; https, //www.worldbank.org/en/news/pressrelease/2019/12/16/togo-150-million-to-promote-a-greener-andmore-resilient-future
- 15. Overview, World bank; https, //www.worldbank.org/en/country/togo/overview#4
- 16. Scaling solar; https://www.scalingsolar.org/1721-2/
- 17. Togo energy sector overview, Power Africa; https, //www.usaid.gov/powerafrica/togo
- IRENA; https, //www.irena.org/newsroom/pressreleases/2021/Jun/Togo-Inaugurates-50MW-Solar-Plant-Financed-Under-IRENA-ADFD-Facility
 UN; https,
- //sustainabledevelopment.un.org/content/documents/16305Togo_E N.pdf
- 20. European Commission; energy_en.pdf (europa.eu)

Tonga

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-18.992888,-174.975,6&r=TON
- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/kiribati
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- 6. Country Economic Forecast, Oxford Economics; https,

//www.oxfordeconomics.com/my-oxford/country-economicforecasts/asia-pacific/tonga?back=/my-oxford/by-region/asiapacific/tonga&backname=Tonga

- Query Tool, IRENA; https, //www.irena.org/IRENADocuments/IRENA_RE_electricity_statistics____Query_tool.xlsm
 Annual Report, Tonga Power Limited; https,
 - //www.tongapower.to/sites/default/files/inlinefiles/Annual%20Report%202020.pdf
- 9. Asian Development Bank; https, //www.adb.org/news/southpacifics-biggest-solar-plant-help-tonga-meet-renewable-energytarget
- 10. Tonga Renewable Energy Project, Green Climate Fund; https, //www.greenclimate.fund/project/fp090
- 11. RE Financing, ADB; https, //www.adb.org/projects/43452-022/main
- 12. Project Agreement, ADB; https, //www.adb.org/sites/default/files/project-document/81154/43452-022-pa1.pdf
- 13. Renewable Energy Roadmap, Asiapacificenergy; https, //policy.asiapacificenergy.org/node/32
- 14. Tonga Renewable Energy Project, UN; https, //sustainabledevelopment.un.org/partnership/?p=34515

Trinidad & Tobago

- World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
 Global Solar Atlas; https, //globalsolaratlas.info/detail?c=10.692396,-61.2125,9&r=TTO
 Tracking SDG7 Report; ESMAP; https,
- //trackingsdg7.esmap.org/country/trinidad-and-tobago
- Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
 Per Capita Consumption, Our World in Data; https,
- Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/latin-america/trinidad-and-tobago?back=/my-oxford/byregion/latin-america/trinidad-andtobago&backname=Trinidad%20/%20Tobago
- Power sector snapshot, NREL; https, //www.nrel.gov/docs/fy15osti/64117.pdf
 Power Market Outlook, Global Data; https,
- Power Market Outlook, Global Data, https, //power.globaldata.com/Analysis/TableOfContents/Trinidad-and-Tobago-Power-Market-Outlook-to-2030--Update-2019-Market-Trends--Regulations--Electricity-Tariff-and-Key-Company-Profiles
 Power sector overview, TTEC; https, //ttec.co.tt/default/wp
 - content/uploads/2021/09/April-June.pdf

10. Country profile; https,

//www.wto.org/english/tratop_e/tpr_e/s260_sum_e.pdf
Renewable Energy Financing, Government of Trinidad & Tobago;

- 11. Renewable Energy Financing, Government of Trinidad & Tobago; https,//www.energy.gov.tt/wp-content/uploads/2019/04/12-June-2019-US3m-for-Renewable-Energy.pdf
- 12. Renewable Energy Financing; GET.invest; https, //www.getinvest.eu/cdf-and-ccreee-jointly-launch-sustainable-energy-supportfacilities/
- 13. Renewable Energy Financing, EU; https, //eeas.europa.eu/delegations/trinidad-andtobago_me/76749/Installation%20of%20a%20Solar%20Park%20at%2 0Piarco%20International%20Airport

Tuvalu

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Asian Development Bank; https, //www.adb.org/sites/default/files/linked-documents/49450-015-sd-04.pdf
- Global Solar Atlas; https, //globalsolaratlas.info/map?c=-8.225063,177.76665,7&r=TUV
- 4. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/tuvalu
- 5. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/by-region/africa/zimbabwe
- 8. IRENA Query Tool; http, //pxweb.irena.org/pxweb/en/IRENASTAT
- Global PV power potential, World Bank; https, //datacatalog.worldbank.org/dataset/global-photovoltaic-powerpotential-country
- 10. Electricity Consumption, UN Stats; http, //data.un.org/Data.aspx?d=EDATA&f=cmID%3aEL%3btrID%3a12
- Tuvalu Electricity Corporation; https, //www.tectuvalu.tv/about-us/
 Energy Profile; IRENA; https,
- //www.irena.org/IRENADocuments/Statistical_Profiles/Oceania/Tuva
 lu_Oceania_RE_SP.pdf
- Pacific Energy Update, ADB; https, //www.adb.org/sites/default/files/institutionaldocument/671701/pacific-energy-update-2020.pdf
- 14. Renewable Energy Financing, ADB; https, //www.adb.org/news/adbsupport-new-solar-project-tuvalu
- 15. Master Plan for Renewable Electricity, asiapacificenergy; https, //policy.asiapacificenergy.org/sites/default/files/master_plan_for_re newable_electricity.pdf
- Asian Development Bank; https, //www.adb.org/sites/default/files/linked-documents/49450-015-sd-04.pdf

United Arab Emirates

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- Global Solar Atlas; https, //globalsolaratlas.info/detail?c=24.357105,53.953857,7&r=ARE
 Tracking SDG7 Report; ESMAP; https,
- //trackingsdg7.esmap.org/country/united-arab-emirates
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/country-economicforecasts/africa-middle-east/united-arab-emirates?back=/myoxford/by-region/middle-east-and-north-africa/united-arabemirates&backname=United%20Arab%20Emirates
- UAE Energy Strategy; https, //u.ae/en/about-the-uae/strategiesinitiatives-and-awards/federal-governments-strategies-andplans/uae-energy-strategy-2050
- UAE State Energy Report; https, //www.moei.gov.ae/en/opendata.aspx
- Power market outlook, Global Data; https, //power.globaldata.com/Analysis/TableOfContents/UAE-Power-Market-Outlook-to-2030--Update-2018---Market-Trends--Regulations--and-Competitive-Landscape
- 10. UAE Conventional Power, Department of Commerce, USA; https, //www.trade.gov/knowledge-product/united-arab-emirates-

conventional-power

- 11. Power sector overview, climatescope by BNEF, https, //globalclimatescope.org/results/AE#clean-energy-policy
- 12. Overseas Renewable Energy Development Assistance Program, IEA; https,//www.iea.org/policies/5213-overseas-renewable-energydevelopment-assistance-programme
- 13. Solar Park; https, //www.dewa.gov.ae/en/about-us/mediapublications/latest-news/2019/03/mohammed-bin-rashid-almaktoum-solar-park
- 14. Renewable Energy Overview, Department of Commerce, USA; https, //www.trade.gov/country-commercial-guides/united-arab-emiratesrenewable-energy
- 15. Clean Energy Certificates, DoE, Abu Dhabi; https, //www.doe.gov.ae/Media-Centre/News/ABU-DHABI-DEPARTMENT-OF-ENERGY-ISSUES-REGULATORY-POLICY-FOR-CLEAN-ENERGY-CERTIFICATES-SCHEME
- 16. Green Building Codes, IEA; https, //www.iea.org/policies/1325green-building-codes?country=United%20Arab%20Emirates&qs=arab
- 17. Dubai Renewable Standards, IEA; https, //www.iea.org/policies/5664-dubai-renewablesstandards?country=United%20Arab%20Emirates&qs=arab

Uganda

World Economic Outlook (April 2021); IMF; https, 1. //www.imf.org/external/datamapper/datasets/WEO Global Solar Atlas; https, 2. //globalsolaratlas.info/map?c=1.368393,32.30415,7&r=UGA 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/uganda 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table 6. Country Economic Forecast, Oxford Economics; https, //www.oxfordeconomics.com/my-oxford/africa-service/countrymacro-analysis?back=/my-oxford/byregion/africa/uganda&backname=Uganda 7. Power Sector Overview, climatescope by BNEF; https, //globalclimatescope.org/results/UG#power-market 8. Energy Purchases, ERA; https, //www.era.go.ug/index.php/stats/transmission-stats/energypurchases-sales-and-losses 9. Annual Report, UMEME; https, //www.umeme.co.ug/umeme_api/wpcontent/uploads/2021/04/Umeme_Annual_Report_2020_Final.pdf 10. Invest in Uganda, Get.invest; https, //www.get-invest.eu/marketinformation/uganda/ 11. Paris INDC; https, //www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Uganda%2 0First/INDC%20Uganda%20final%20%2014%20October%20%202015. pdf 12. Uganda Energy Report; https, //d2ouvy59p0dg6k.cloudfront.net/downloads/energy_report_for_ug anda_2015_1.pdf 13. Feed in tariff; https, //www.era.go.ug/index.php/tariffs/generationtariffs/feed-in-tariff 14. GET FiT program; https, //collaboration.worldbank.org/content/sites/collaboration-fordevelopment/en/groups/results-based-financing/groups/results-

based-financing-for climate/documents.entry.html/2017/02/14/global_energy_transf-

pmkc.html

United Kingdom

- Real GDP Growth, IMF, 1. https,
 - //www.imf.org/external/datamapper/NGDP_RPCH@WEO/GBR
- 2. World Bank, https,//databank.worldbank.org/source/worlddevelopment-indicators
- 3. Nordea trade, https,//www.nordeatrade.com/en/explore-newmarket/united-kingdom/economical-context
- 4. World Bank, https, //tcdata360.worldbank.org/indicators/govt.debt.grs?country=GBR&i ndicator=2787&viz=line_chart&years=1980,2024
- 5. International Energy Agency, https, //iea.blob.core.windows.net/assets/298930c2-4e7c-436e-9ad0-2fb8f1cce2c6/Energy_Policies_of_IEA_Countries_United_Kingdom_2 019 Review.pdf
- UK Gov, https,//www.gov.uk/government/news/uk-enshrines-new-6. target-in-law-to-slash-emissions-by-78-by-2035
- 7. Ofgem, https,//www.ofgem.gov.uk/environmental-and-socialschemes/feed-tariffs-fit
- 8. European Alternative Fuels Observatory, https, //www.eafo.eu/countries/united-kingdom/1758/incentives
- 9. Climatemps, UK, http, //www.london.climatemps.com/sunlight.php
- 10. Global Solar Atlas, https,//globalsolaratlas.info/global-pv-potentialstudy
- 11. House of Commons Library, https, //researchbriefings.files.parliament.uk/documents/CBP-7480/CBP-7480.pdf
- 12. National Grid, https,//www.nationalgrid.com/our-businesses/ouruk-businesses
- 13. UK Power Networks, https, //www.ukpowernetworks.co.uk/internet/en/about-us/investorrelations/Green%20Bond%20Framework.pdf
- 14. Energy UK, https,//www.energy-uk.org.uk/about-us/aboutus/about-our-members/item/apx-group.html
- 15. National Grid, https,//www.nationalgrid.com/about-us
- 16. National Grid, https,
- //www.nationalgrid.com/document/140471/download 17. HM Government, https,
- //assets.publishing.service.gov.uk/government/uploads/system/uplo ads/attachment_data/file/357534/Imports_exports_and_transfers_ of_electricity.pdf
- 18. Human Development Report 2020, UNDP, http, //hdr.undp.org/sites/default/files/Country-Profiles/GBR.pdf
- 19. European Investment Bank, https, //www.eib.org/en/projects/pipelines/all/20130060
- 20. European Investment Bank, https,//www.eib.org/en/press/all/2016-053-gbp-500m-european-investment-bank-backing-for-uk-powernetworks-investment-across-southern-and-eastern-england
- 21. Our World in Data, https,//ourworldindata.org/renewable-energy 22. International Renewable Energy Agency, https,
- //www.irena.org/Statistics/Download-Data
- 23. Our World in Data, https,//ourworldindata.org/energy-access 24.
- UK Gov, https,//www.gov.uk/feed-in-tariffs

Vanuatu

- 1. World Economic Outlook (April 2021); IMF; https, //www.imf.org/external/datamapper/datasets/WEO
- 2. Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-16.696173,168.3917,6&r=VUT
- 3. Tracking SDG7 Report; ESMAP; https, //trackingsdg7.esmap.org/country/vanuatu
- 4. Global Electricity Review 2021; Ember; https, //emberclimate.org/global-electricity-review-2021/data-explorer
- 5. Per Capita Consumption, Our World in Data; https, //ourworldindata.org/grapher/per-capita-electricityconsumption?tab=table
- 6. Country Economic Overview, https,

//www.oxfordeconomics.com/my-oxford/country-economicforecasts/asia-pacific/vanuatu?back=/my-oxford/by-region/asiapacific/vanuatu&backname=Vanuatu

- 7. UNDP environment and energy report; http, //www.undp.org/content/dam/undp/library/Environment%20and%2 0Energy/MDG%20Carbon%20Facility/NAMA%20Final%20Vanuatu.pd
- 8. Rural electrification project VREP II, Government of Vanuatu; https, //doe.gov.vu/index.php/projects-2/item/2-off-grid/6-vanuatu-ruralelectrification-project-vrep-ii
- 9. NAMA Project; Government of Vanuatu; https, //doe.gov.vu/images/docs/publications/NAMA%20Study%20Rural%2 0Electrification%20in%20Vanuatu.pdf
- 10. Electricity Fact Sheet; URA; http, //ura.gov.vu/attachments/article/97/Electricity%20Fact%20Sheet%2 02014%20-%202019%20-Final.pdf
- 11. Griffith Asia Insights, Griffith University; https, //blogs.griffith.edu.au/asiainsights/shifting-electricity-generationfrom-non-renewable-to-renewable-sources-in-vanuatu/
- 12. Vanuatu's Metabolic Analysis Report, Government of Vanuatu; https, //doe.gov.vu/images/docs/reports/Vanuatu_Metabolic_Analysis_Re port.pdf
- 13. National Green Energy Fund, GGGI, https, //gggi.org/project/vanuatu-national-green-energy-fund-ngef/
- 14. Vanuatu Energy Access Project, ADB; https, //www.adb.org/projects/49450-008/main
- Energy Access Project Small Hydro Project, climateinvestmentfund, 15. https, //www.climateinvestmentfunds.org/projects/energy-accessproject-small-hydropower-project
- 16. Country Overview, climateinvestmentfund; https, //www.climateinvestmentfunds.org/country/vanuatu

Yemen

//ourworldindata.org/grapher/per-capita-electricity-

Country Economic Forecast, Oxford Economics; https,

//www.oxfordeconomics.com/my-oxford/africa-service/country-

consumption?tab=table

macro-analysis?back=/my-oxford/by-

6.

		7.	Zambia access to electricity; https,
1.	Global solar atlas; https,		//www.usaid.gov/powerafrica/zambia#,~,
	//globalsolaratlas.info/detail?c=15.583037,48.175,6&r=YEM		text=National%20access%20to%20electricity%20averages,for%20all%
2.	GDP(current), World Bank; https,		20Zambians%20by%202030
	//data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=YE	8.	Zambia Final Compact Template, UN; https,
3.	Real GDP growth, IMF; https,		//www.un.org/sites/un2.un.org/files/zambia final compact templat
	//www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/A		e 2308.ndf
	DVEC/W	٩	Off grid solar market trends report: https
4.	General government debt. IME: https://	9.	//www.lightingglobal.org/wp
	//www.imf.org/external/datamanner/GG_DEBT_GDP@GDD/SWE		// www.lightinggiobal.org/wp-
5	Per canita electricity. Our world in data: https		Content/uploads/2020/05/VIVID_OCA_2020_Off_Grid_Solar_Market
Э.	//ourworldindata.org/grapher/per capita electricity		_ I renas_keport_Fuil_High-compressed.pdf
	//ourworking/grapher/per-capita-electricity-	10.	IAEREP programme, Go2; https, //www.nao.gov.zm/2019/05/the-
6	consumption?tab=table&time=2019		iaerep-programme/
6.	Country reports, Tracking SDG7; https,	11.	SEFA appraisal report, AFDB; https,
	//trackingsdg7.esmap.org/time?country=Yemen		//www.afdb.org/en/documents/zambia-renewable-energy-financing-
7.	Yemen energy profile, IRENA; https,		framework-enabling-environment-sefa-appraisal-report
	//www.irena.org/IRENADocuments/Statistical_Profiles/Middle%20Ea	12.	Zambia power sector scenario; https,
	st/Yemen_Middle%20East_RE_SP.pdf		//www.theigc.org/blog/increasing-tariffs-to-prevent-another-
8.	IEA; https, //www.iea.org/policies/5253-national-strategy-for-		electricity-crisis-in-zambia/
	renewable-energy-and-energy-efficiency	13.	Large scale solar PV in Zambia: https://
9.	T&D losses, globaldata; https,		//www.worldbank.org/en/news/feature/2019/05/14/unlocking-low-
	//power.globaldata.com/geography/tndlosses/100256?Country=Yem		cost-large-scale-solar-nower-in-zambia
	en&CountryId=501~266	11	ZTK Transmission Interconnector, Virtual DIDA Information Control
10	Globaldata: https	14.	Etter (house an eide and him ansist (720)
10.	//power globaldata.com/PowerPlants/PlantDetails?PlantType=SolarP		https://www.au-pida.org/view-project/720/
	//power.globaldata.com/rowerriants/riantDetails:riantType=solar		Zimhahwa
	V&ASSELIU=75108		Ziilibabwe
11.	Globaldata; https,	1	World Economic Outlook (April 2021): IME: https
	//power.globaldata.com/PowerTenders/TenderDetails?tid=243375&		//www.imf.org/external/datamanner/datasets/WEO
	DBType=2	r	Clobal Solar Atlas: https://globalcolaratlas.info/dotail2c=
12.	World Bank; https,	Ζ.	
	//www.worldbank.org/en/country/yemen/overview#2	2	19.030903,29.137713,0&1=2WE
13.	Yemen emergency electricity access project, World Bank; https,	3.	Tracking SDG7 Report; ESMAP; https,
	//documents1.worldbank.org/curated/en/895191523306712217/pdf		//trackingsdg/.esmap.org/country/zimbabwe
	/Project-Information-Document-Integrated-Safeguards-Data-Sheet-	4.	Global Electricity Review 2021; Ember; https, //ember-
	Yemen-Emergency-Electricity-Access-Project-P163777.pdf		climate.org/global-electricity-review-2021/data-explorer
14.	Yemen's solar revolution: https.	5.	Per Capita Consumption, Our World in Data; https,
	//eadp.eu/uploads/WP201902 Yemen Solar EN.pdf		//ourworldindata.org/grapher/per-capita-electricity-
15	https://www.rcreee.org/sites/default/files/121707-wp-public-		consumption?tab=table
15.	n158///9-wh-rcreee-solar-ny-in-vemen-report-002 ndf	6.	Country Economic Forecast, Oxford Economics; https,
16			//www.oxfordeconomics.com/my-oxford/by-region/africa/zimbabwe
10.	ERRY, UNDP; mups,	7.	Zimbabwe Infrastructure Report 2019: https.
	//www.ye.unup.org/content/yemen/en/nome/projects/emanced-		//www.afdb.org/fileadmin/uploads/afdb/Documents/Project-and-
	rural-resilience.ntml		Operations/7imbabwe_Infrastructure_Report_2019AfDB.pdf
17.	Solar energy in yemen, UNDP; http,	0	BE tay incontines: https://www.ica.org/policies/6006_tay incontines
	//www.undp.org/content/dam/yemen/E&E/Docs/UNDP-YEM-	о.	for renewable energy
	Prospects%20of%20Solar%20Energy%20in%20Yemen-	~	Notional DEmolian latter
	%20Policy%20Note.pdf	9.	National RE policy; https,
18.	IFC; https,		//www.zera.co.zw/National_Renewable_Energy_Policy_Final.pdf
	//www.ifc.org/wps/wcm/connect/news_ext_content/ifc_external_co	10.	Zimbabwe INDC, UNFCC; https,
	rporate site/news+and+events/news/202101-yemen-solar		//www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Zimbabwe
19.	USAID: https://www.usaid.gov/vemen/fact-sheets/economic-		%20First/Zimbabwe%20First%20NDC.pdf
	growth-recovery-livelihoods-and-agriculture	11.	National Renewable Energy Policy, IEEFA; https,
			//ieefa.org/zimbabwe-renewable-potential-highlights-importance-of-
	Zambia		political-stability/
		12.	NREP, ZERA; https,
1.	World Economic Outlook (April 2021); IMF; https,		//www.zera.co.zw/National Renewable Energy Policy Final.pdf
	//www.imf.org/external/datamapper/datasets/WEO	13	Renewable Energy Financing AFDR: https://www.afdh.org/fr/news-
2.	Global Solar Atlas; https, //globalsolaratlas.info/detail?c=-	-0.	and-events/sefa-grants-us-1-million-to-a-20mw-off-grid-roofton-
	13.187314,27.85415,6&r=ZMB		colar-project-in-zimbabwo 16077
3.	Tracking SDG7 Report; ESMAP; https.	14	Panawahla Enargy Fund LINECC: https
	//trackingsdg7.esmap.org/country/zambia	14.	Kenewable Energy runu, UNFCC; IILIPS,
4	Global Electricity Review 2021: Ember: https://ember-		//unccc.int/mes/na/application/pdf/module_1_3.renewable_energy
	climate org/global-electricity-review-2021/data-explorer		_development_in_zimbabwe.pdf
5	Per Capita Consumption Our World in Data: https		
Э.	i er capita consumption, our wona in bata, nttps,		

region/africa/zambia&backname=Zambia#

Disclaimer

This report has been prepared by Ernst & Young LLP ("EY" or "we"), in accordance with an engagement agreement with the International Solar Alliance. Ernst & Young LLP's obligations to the [International Solar Alliance] are governed by that engagement agreement.

This disclaimer applies to all other parties ("third party").

The ISA and EY have taken all reasonable steps to ensure that the information contained herein has been obtained from reliable sources. We have taken due care to validate the authenticity and correctness of sources used to obtain the information; however, neither the ISA, EY nor any of their respective partners, officers, employees, consultants or agents, provide any representations or warranties, expressed or implied, as to the authenticity, accuracy or completeness of the information, data or opinions that third parties or secondary sources provided to us.

The information and images (if any) provided or analysed in the Report have been collated from various industry sources, including web resources, public-domain information sources and our internal databases. We have ensured reasonable care to validate the data presented in the Report; however, we have not conducted an audit, due diligence or an independent verification of such information. It is also to be noted that the images presented (if any) are pictorial representations of the overall concept and are in no way intended to represent any concrete imagery for the proposed development

All qualitative and quantitative inputs and assumptions, used in the report, are derived from desktop research and/or industry interactions, inputs received from Member Countries, and subsequently submitted to National Focal Points and Contact Points of the ISA member countries for review and validation.

No third party should act on the basis of any information contained in this report without considering and, if necessary, taking appropriate advice upon their own particular circumstances

This report has been prepared for general informational purposes only and is not intended to be relied upon as accounting, tax, or other professional advice. Refer to your advisors for specific advice.

It is to be noted that maps and flags presented are for the purpose of pictorial representation only and are in no way intended to represent any concrete imagery, accurate territories or boundaries of the countries or regions and are not to be scaled. All flags have been sourced from World Atlas website (https://www.worldatlas.com/countries).

This report (and any extract from it) may not be copied, paraphrased, reproduced, or distributed in any manner or form, whether by photocopying, electronically, by internet, within another document or otherwise, without the ISA's and EY's prior written permission.

The Report or its contents shall not be referred to or quoted in any registration statement, prospectus, offering memorandum, annual report, any public communication, loan agreement or other agreement or document without the ISA's and EY's prior written consent.

The ISA and EY accept no responsibility to update this report in light of subsequent events or for any other reason.

The ISA, EY and their members, partners, employees and agents do not accept or assume any responsibility or liability in respect of this report, or decisions based on it, to any third party in relation to the content of report. Should such third party choose to rely on this report, then that third party do so at their own risk.