

Costa Rica

Latin America & Caribbean

Electricity Consumption in BU (2017)

9.9

Share of Population with Access to Electricity (2018)

0% **100%** 100%

World Bank's Ease of Doing Business Score (2020)

69.20

Installed Solar Capacity in MW (2019)

47.5

Installed Off-Grid Solar Capacity in MW (2019)

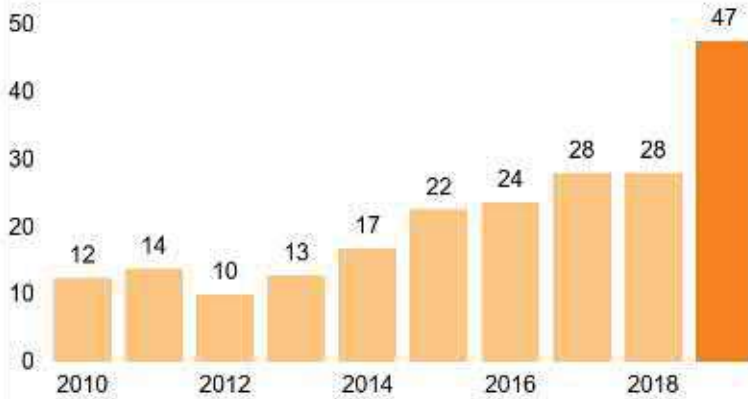
0.6

Solar installed capacity Growth rate (CAGR) for 2015-19

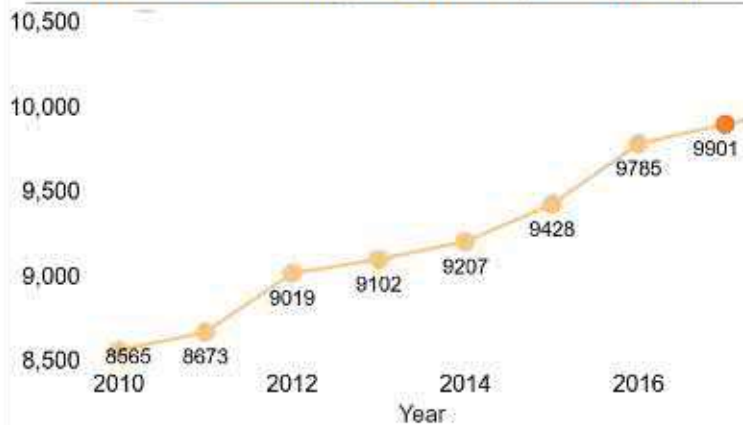
21%

Power Trends

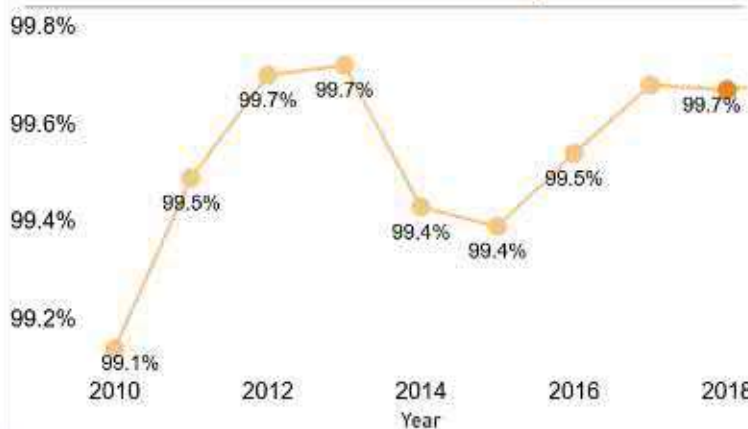
Cumulative Solar installed Capacity (MW)



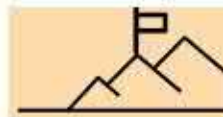
Overall Electricity Consumption (MU)



Access to Electricity



Ease of Doing Solar Classification



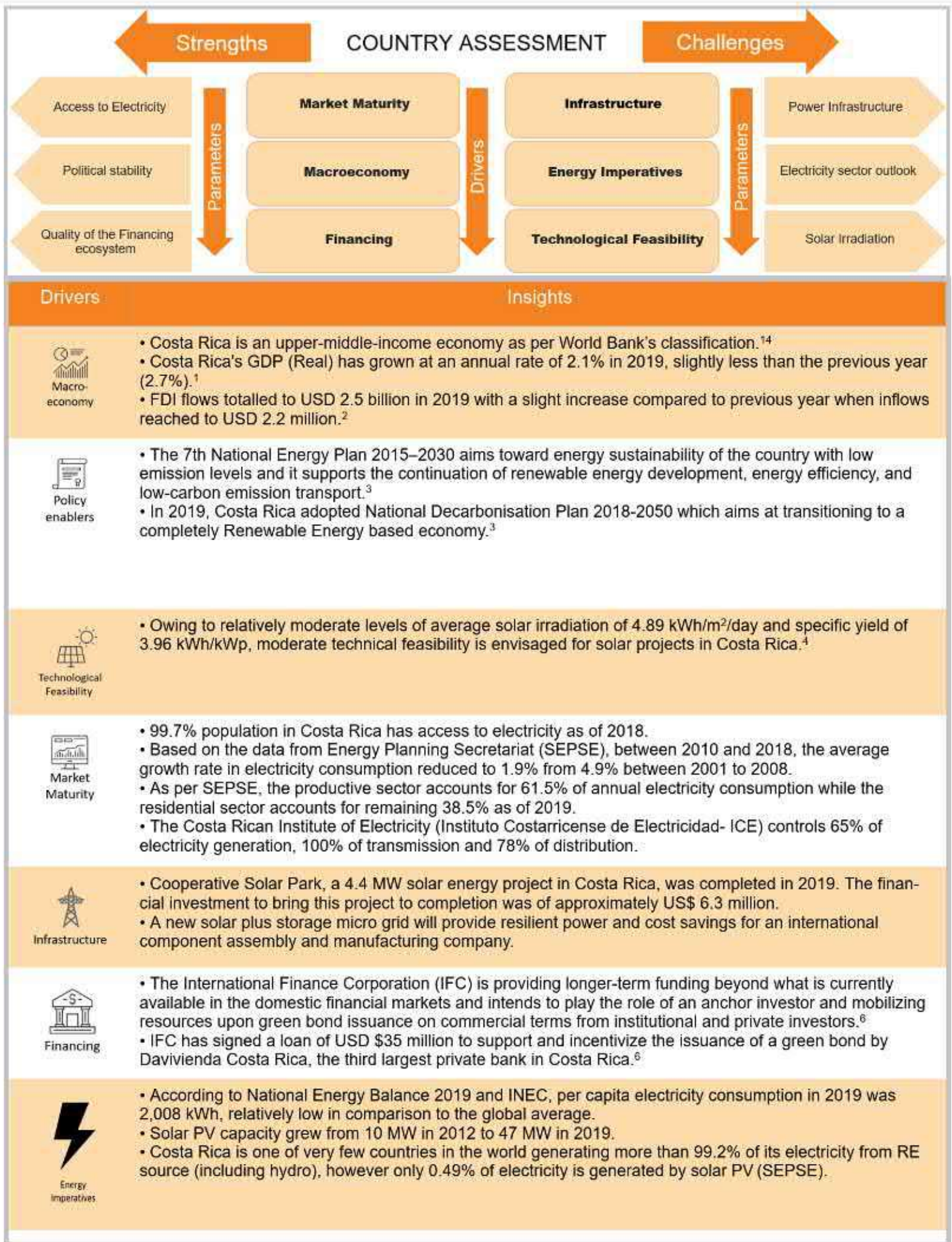
Influencer

Performance against 7 Drivers



Sub-regional standing

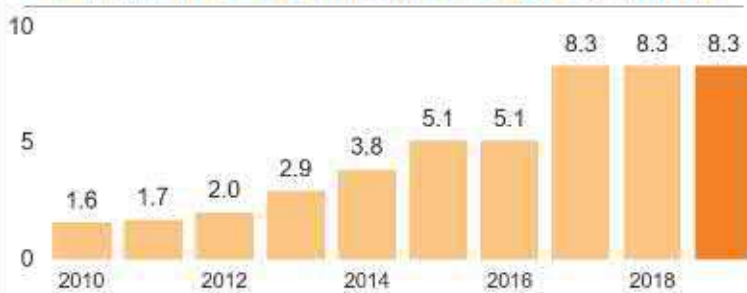




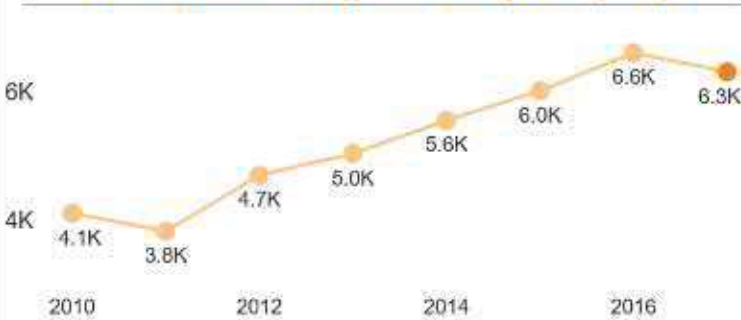
Côte D'Ivoire Africa	Electricity Consumption in BU (2017) 6.3	Share of Population with Access to Electricity (2018) 0% 67% 100%	World Bank's Ease of Doing Business Score (2020) 60.70
	Installed Solar Capacity in MW (2019) 8.3	Installed Off-Grid Solar Capacity in MW (2019) 8.3	Solar installed capacity Growth rate (CAGR) for 2015-19 13%

Power Trends

Cumulative Solar installed Capacity (MW)

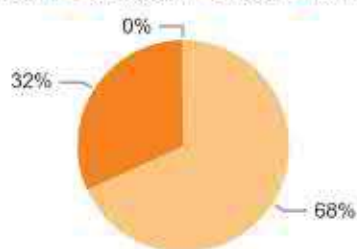


Overall Electricity Consumption (MU)

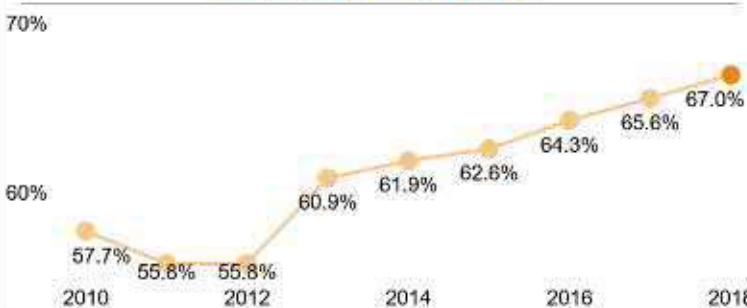


Consumer Mix

Commercial & Industrial Residential Others Agricultural



Access to Electricity



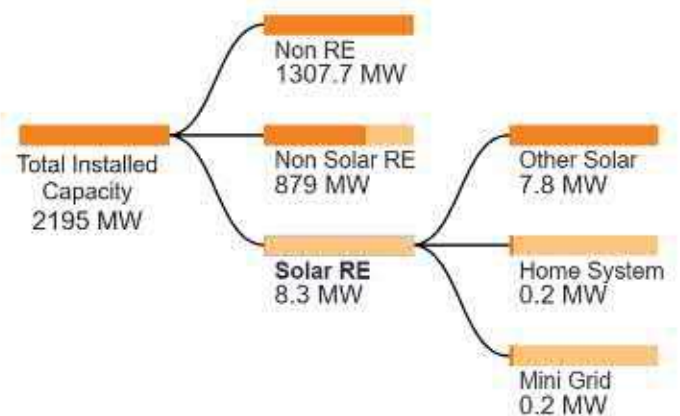
Ease of Doing Solar Classification



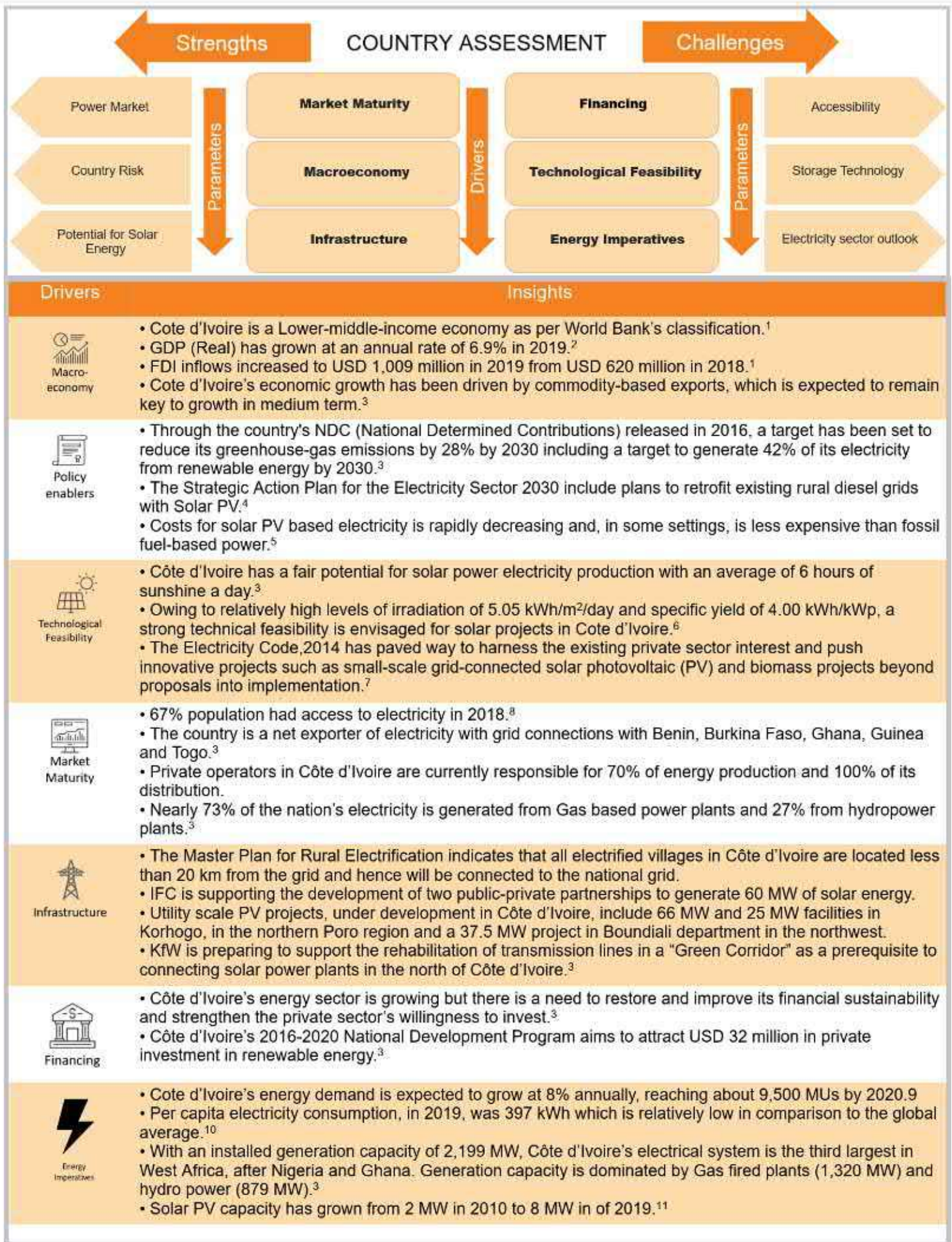
Performance against 7 Drivers



Installed Generation Capacity by Source



Non-Solar RE includes Wind, Hydro, Biomass, Geothermal & Marine;
 Non-RE includes Coal, Natural Gas, Nuclear, Oil, etc.;
 Other Solar includes Utility Scale Solar, Rooftop etc.;
 Year: 2017.





Electricity Consumption in BU (2017)

⚡ 15.5

Share of Population with Access to Electricity (2018)



World Bank's Ease of Doing Business Score (2020)



Cuba

Installed Solar Capacity in MW (2019)

☀️ 159.3

Installed Off-Grid Solar Capacity in MW (2019)

🏠 7.0

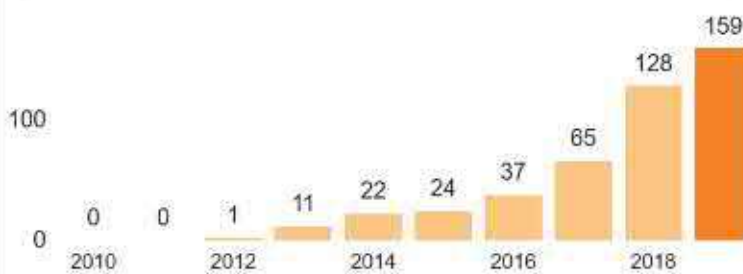
Solar installed capacity Growth rate (CAGR) for 2015-19

📈 61%

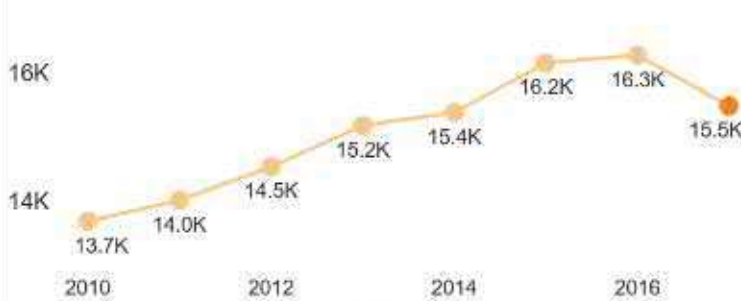
Latin America & Caribbean

Power Trends

Cumulative Solar installed Capacity (MW)

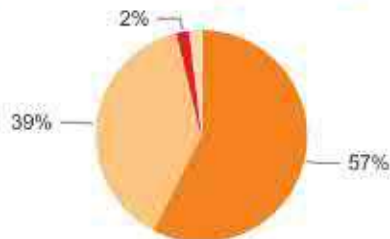


Overall Electricity Consumption (MU)



Consumer Mix

● Residential ● Commercial & Industrial ● Agricultural ● Others



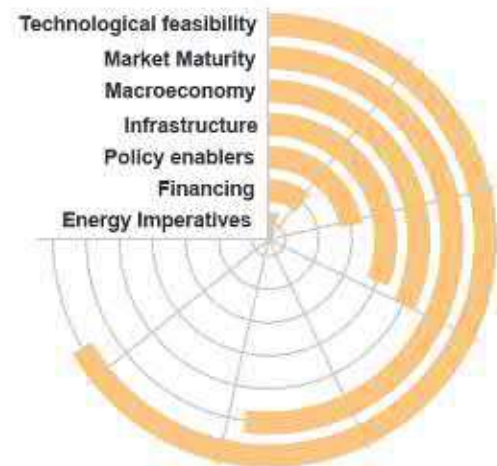
Access to Electricity



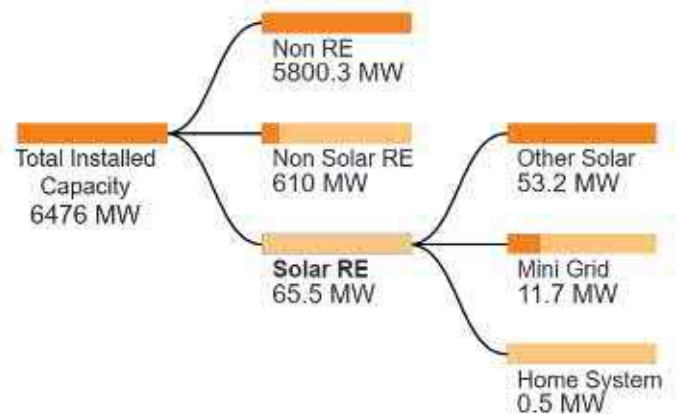
Ease of Doing Solar Classification



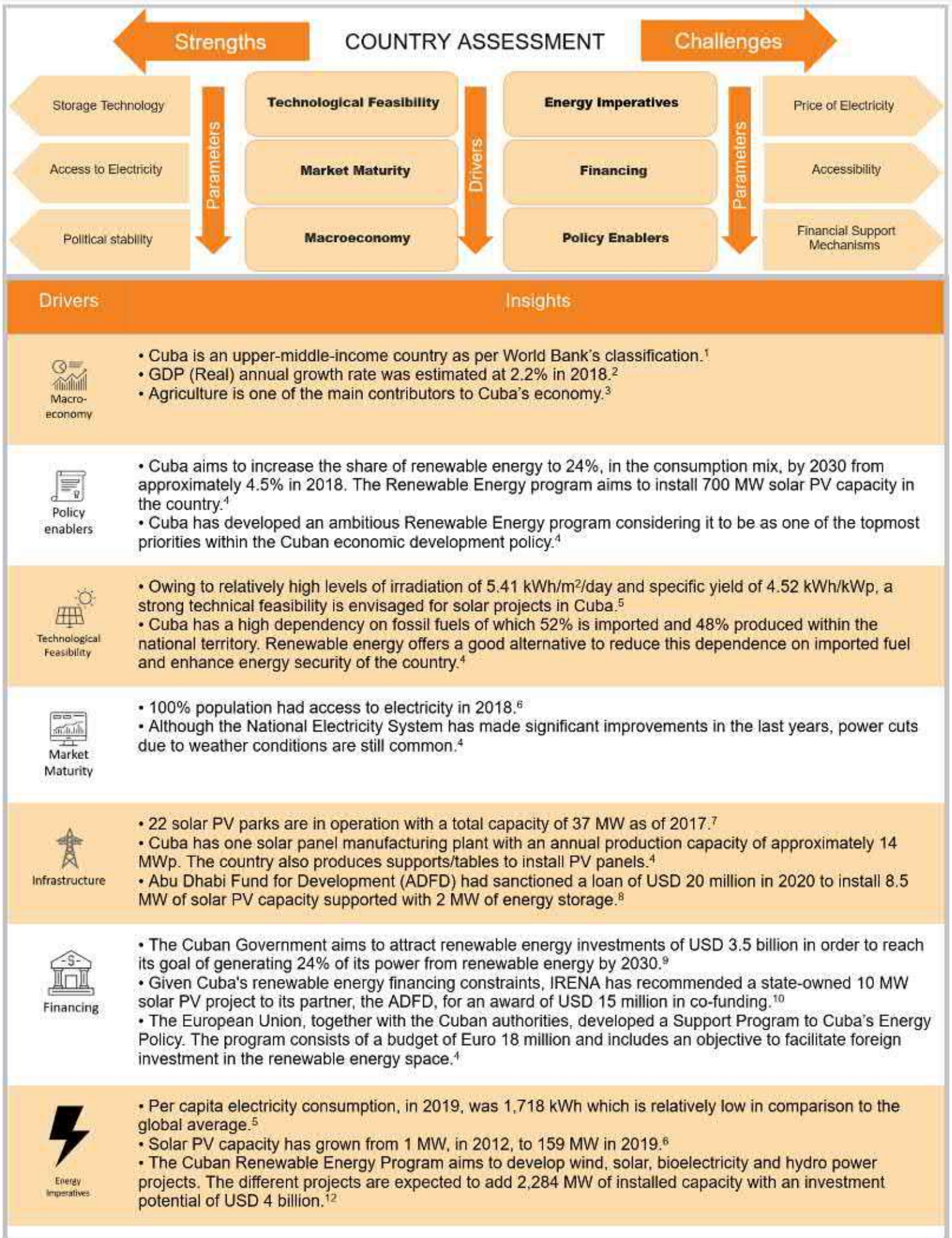
Performance against 7 Drivers



Installed Generation Capacity by Source



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 Year: 2017.





Electricity Consumption in BU (2017)
7.2

Share of Population with Access to Electricity (2018)
19%

World Bank's Ease of Doing Business Score (2020)
36.20

Democratic Republic of the Congo

Installed Solar Capacity in MW (2019)
18.9

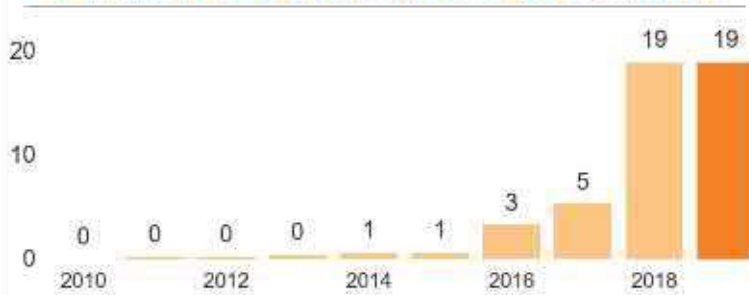
Installed Off-Grid Solar Capacity in MW (2019)
18.9

Solar installed capacity Growth rate (CAGR) for 2015-19
130%

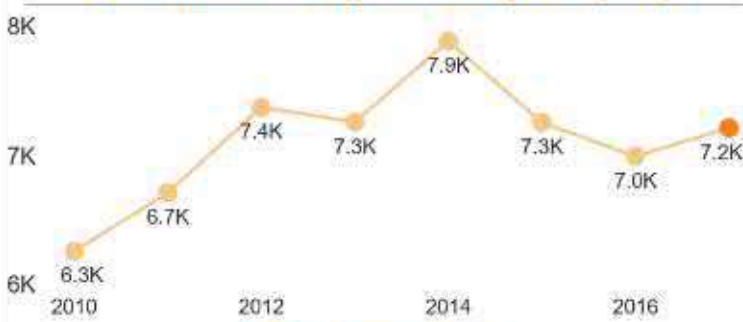
Africa

Power Trends

Cumulative Solar installed Capacity (MW)

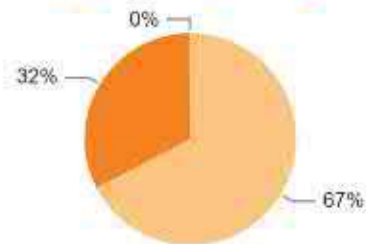


Overall Electricity Consumption (MU)

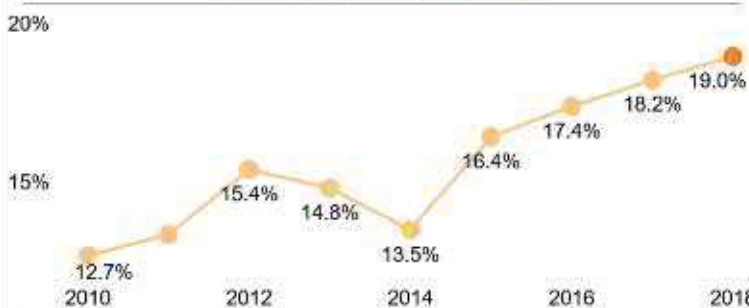


Consumer Mix

Commercial & Industrial Residential Others Agricultural



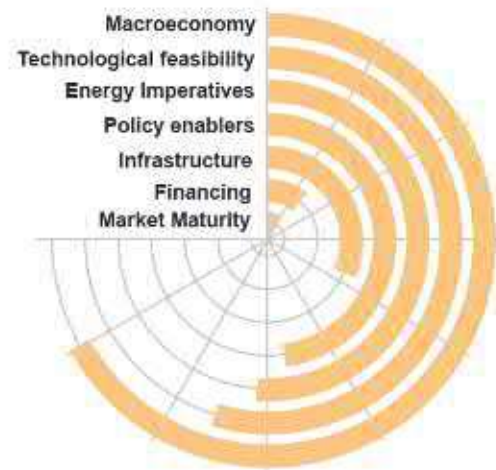
Access to Electricity



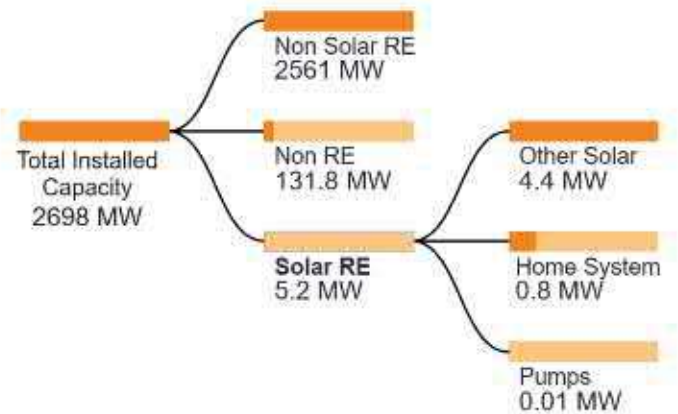
Ease of Doing Solar Classification

Potential

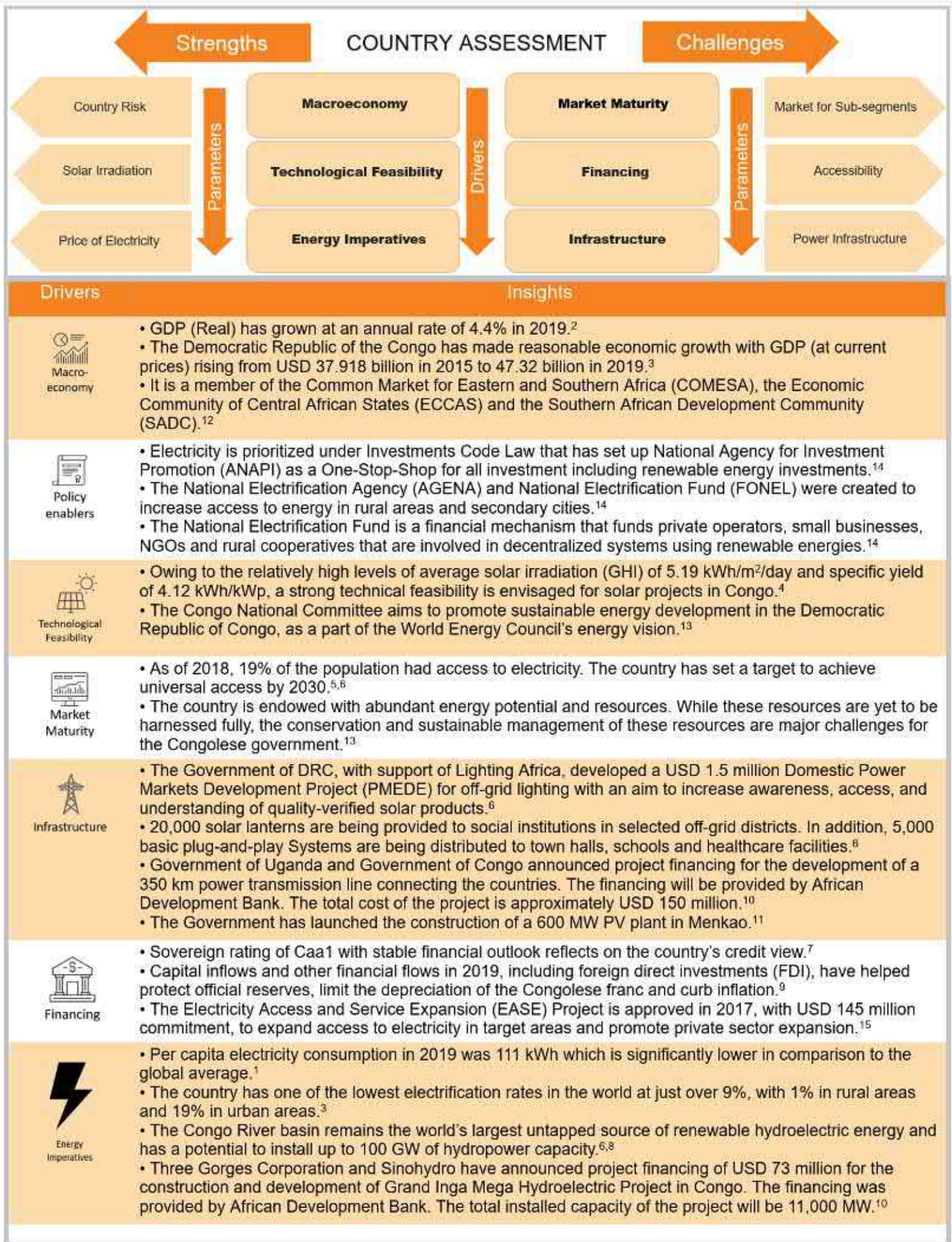
Performance against 7 Drivers




Installed Generation Capacity by Source



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Other Solar includes Utility Scale Solar, Rooftop etc.;
Year: 2017.





Djibouti

Africa

Electricity Consumption in MU (2017)

461.1

Share of Population with Access to Electricity (2018)

0% **60%** 100%

World Bank's Ease of Doing Business Score (2020)

60.50

Installed Solar Capacity in MW (2019)

0.4

Installed Off-Grid Solar Capacity in MW (2019)

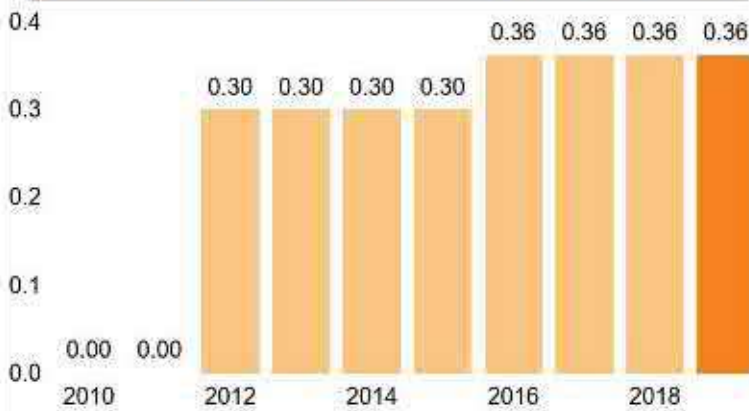
0.4

Solar installed capacity Growth rate (CAGR) for 2015-19

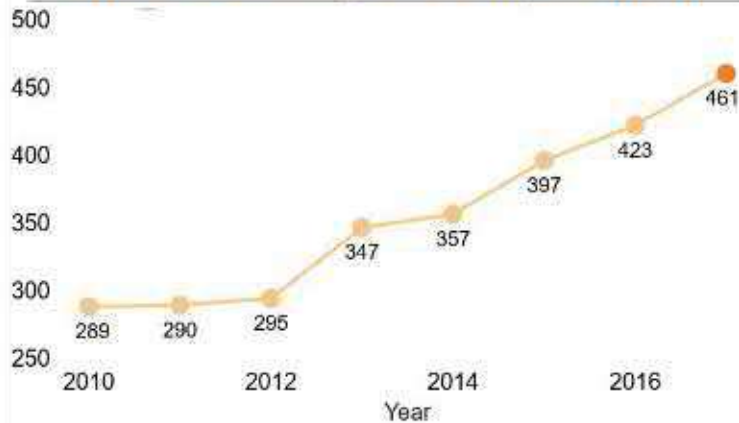
5%

Power Trends

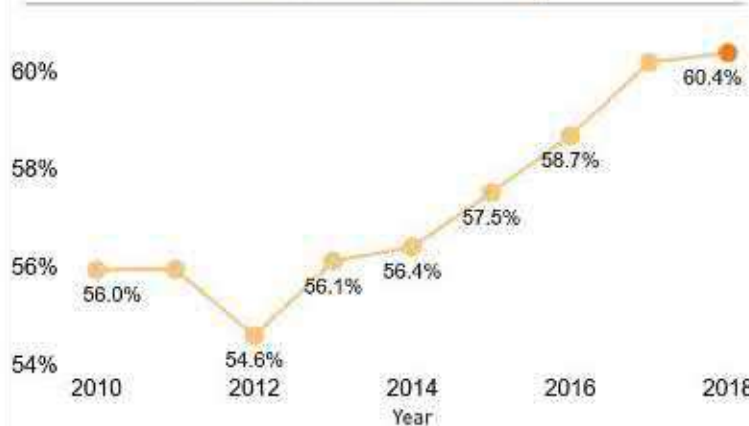
Cumulative Solar installed Capacity (MW)



Overall Electricity Consumption (MU)



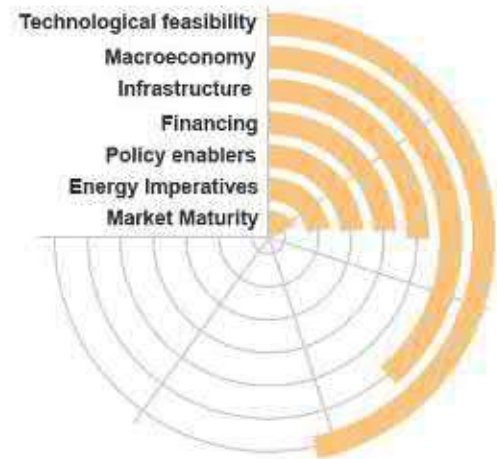
Access to Electricity



Ease of Doing Solar Classification

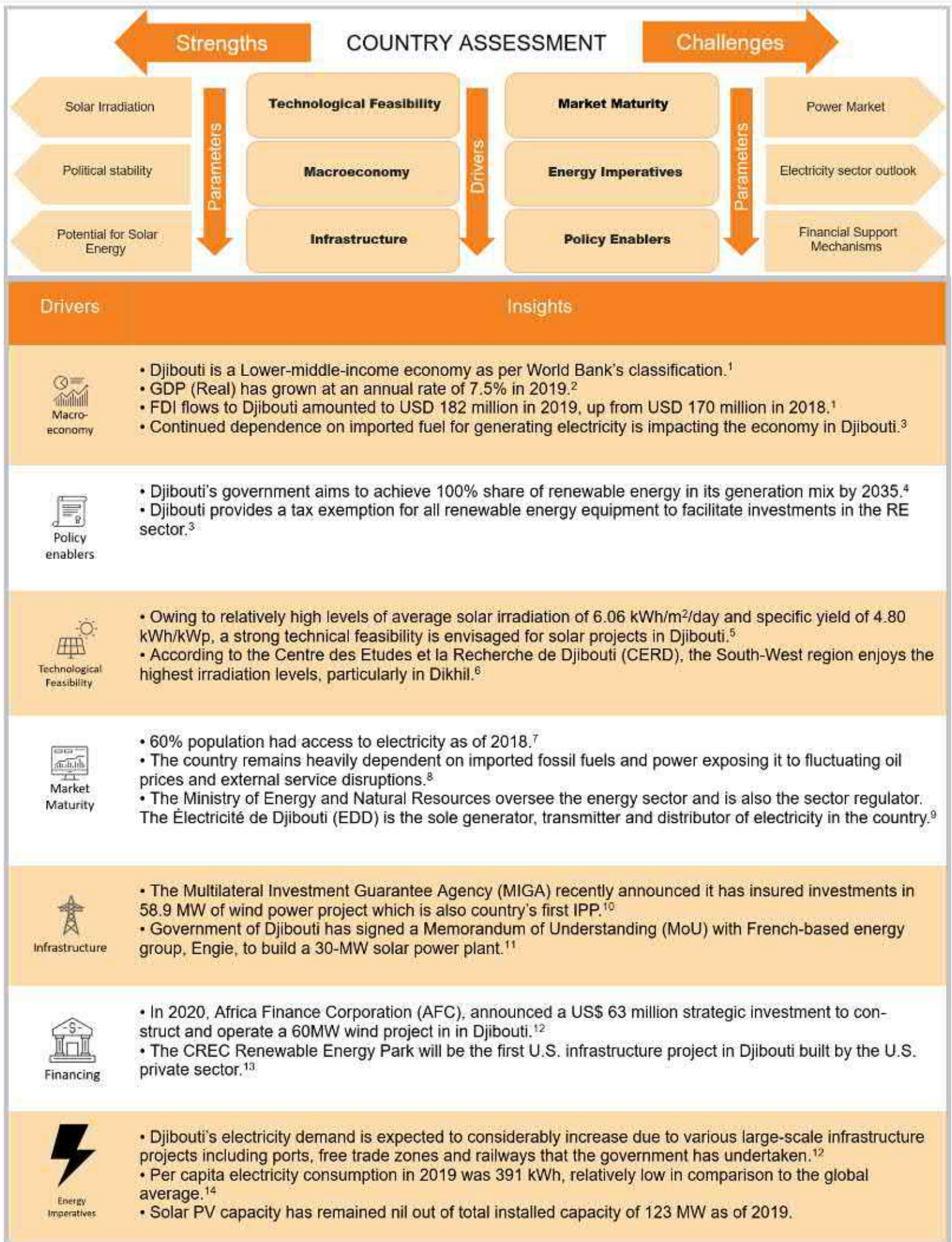


Performance against 7 Drivers



Sub-regional standing







Electricity Consumption in MU (2017)

120.8

Share of Population with Access to Electricity (2018)



World Bank's Ease of Doing Business Score (2020)



Dominica

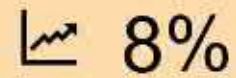
Installed Solar Capacity in MW (2019)



Installed Off-Grid Solar Capacity in MW (2019)



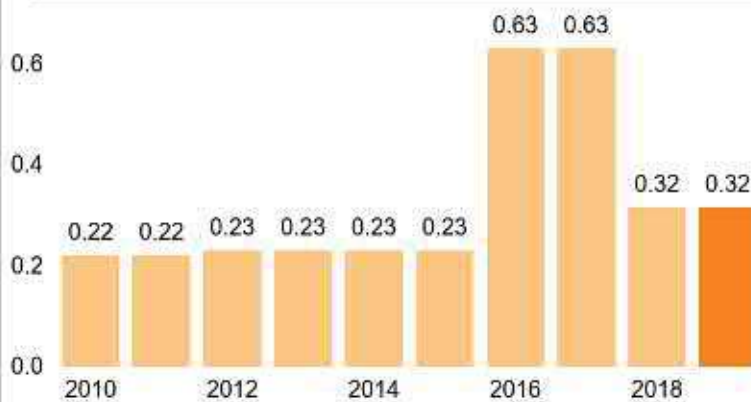
Solar installed capacity Growth rate (CAGR) for 2015-19



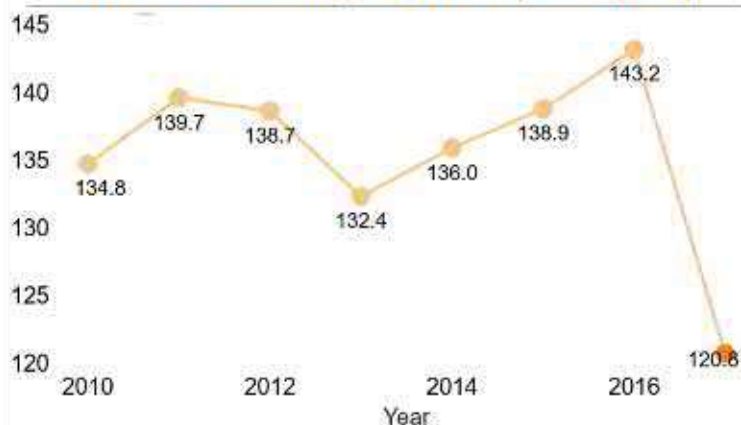
Latin America & Caribbean

Power Trends

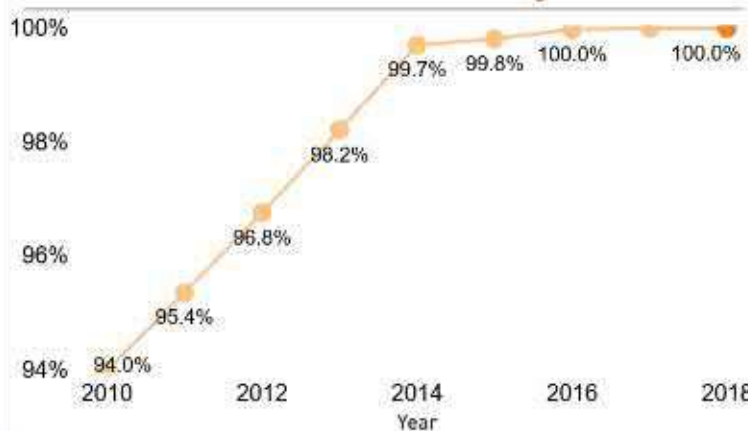
Cumulative Solar installed Capacity (MW)



Overall Electricity Consumption (MU)



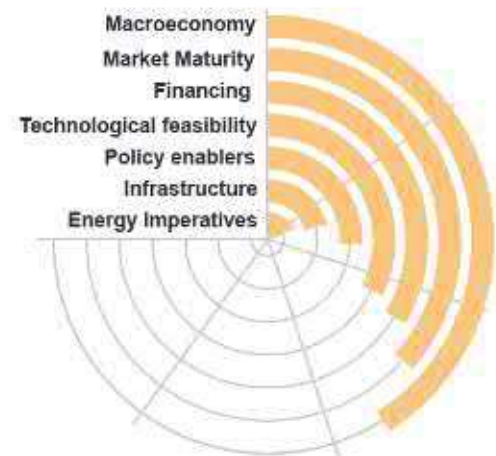
Access to Electricity



Ease of Doing Solar Classification



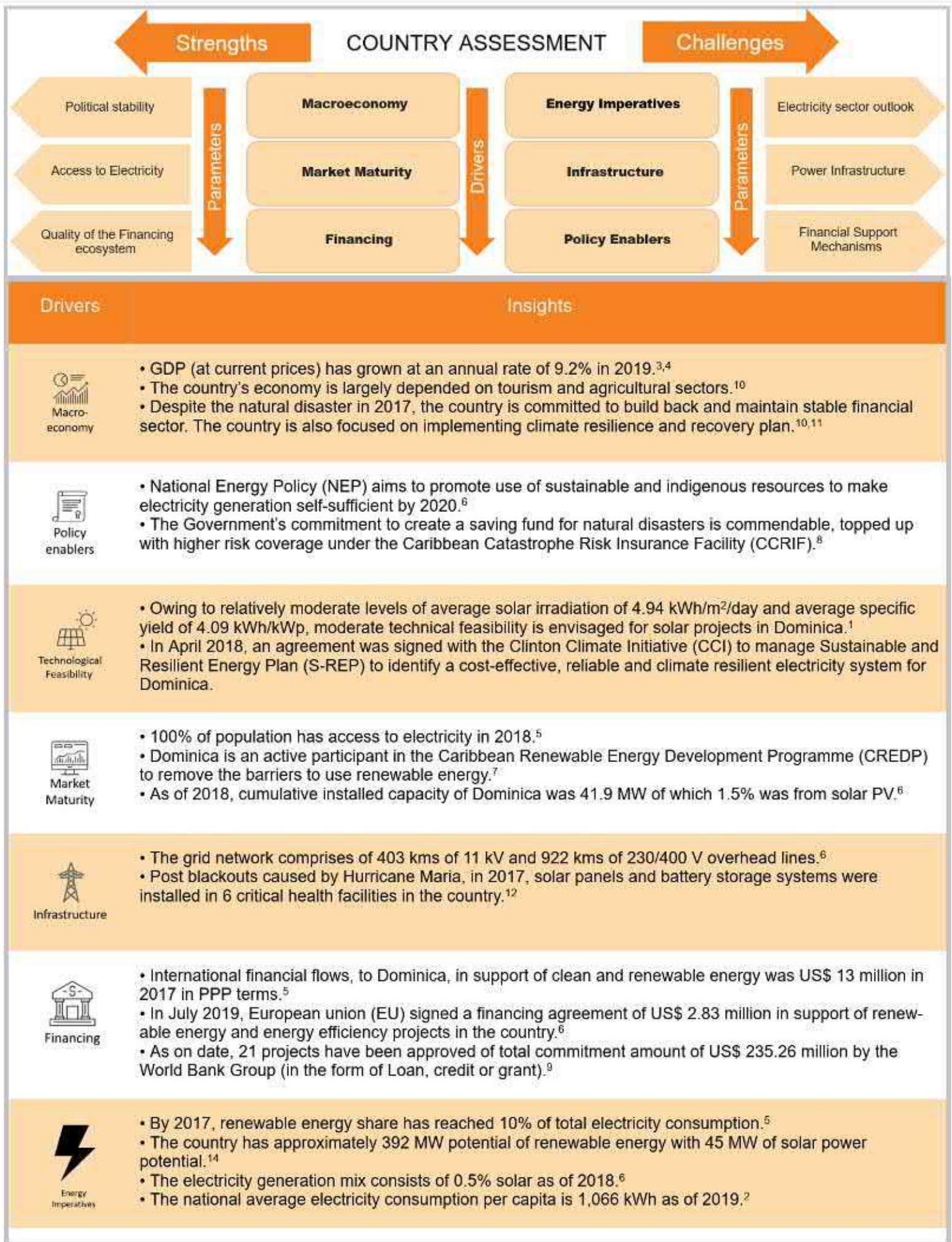
Performance against 7 Drivers



Sub-regional standing



● Neutral ● Beginner ● Progressive ● Influencer



Strengths

COUNTRY ASSESSMENT

Challenges

Political stability

Macroeconomy

Energy Imperatives

Electricity sector outlook

Access to Electricity

Market Maturity

Infrastructure

Power Infrastructure

Quality of the Financing ecosystem

Financing

Policy Enablers

Financial Support Mechanisms

Parameters

Drivers

Parameters

Drivers

Insights



- GDP (at current prices) has grown at an annual rate of 9.2% in 2019.^{3,4}
- The country's economy is largely depended on tourism and agricultural sectors.¹⁰
- Despite the natural disaster in 2017, the country is committed to build back and maintain stable financial sector. The country is also focused on implementing climate resilience and recovery plan.^{10,11}



- National Energy Policy (NEP) aims to promote use of sustainable and indigenous resources to make electricity generation self-sufficient by 2020.⁶
- The Government's commitment to create a saving fund for natural disasters is commendable, topped up with higher risk coverage under the Caribbean Catastrophe Risk Insurance Facility (CCRIF).⁸



- Owing to relatively moderate levels of average solar irradiation of 4.94 kWh/m²/day and average specific yield of 4.09 kWh/kWp, moderate technical feasibility is envisaged for solar projects in Dominica.¹
- In April 2018, an agreement was signed with the Clinton Climate Initiative (CCI) to manage Sustainable and Resilient Energy Plan (S-REP) to identify a cost-effective, reliable and climate resilient electricity system for Dominica.



- 100% of population has access to electricity in 2018.⁵
- Dominica is an active participant in the Caribbean Renewable Energy Development Programme (CREDP) to remove the barriers to use renewable energy.⁷
- As of 2018, cumulative installed capacity of Dominica was 41.9 MW of which 1.5% was from solar PV.⁶



- The grid network comprises of 403 kms of 11 kV and 922 kms of 230/400 V overhead lines.⁶
- Post blackouts caused by Hurricane Maria, in 2017, solar panels and battery storage systems were installed in 6 critical health facilities in the country.¹²



- International financial flows, to Dominica, in support of clean and renewable energy was US\$ 13 million in 2017 in PPP terms.⁵
- In July 2019, European union (EU) signed a financing agreement of US\$ 2.83 million in support of renewable energy and energy efficiency projects in the country.⁶
- As on date, 21 projects have been approved of total commitment amount of US\$ 235.26 million by the World Bank Group (in the form of Loan, credit or grant).⁹



- By 2017, renewable energy share has reached 10% of total electricity consumption.⁵
- The country has approximately 392 MW potential of renewable energy with 45 MW of solar power potential.¹⁴
- The electricity generation mix consists of 0.5% solar as of 2018.⁶
- The national average electricity consumption per capita is 1,066 kWh as of 2019.²



Electricity Consumption in BU (2017)

15.9

Share of Population with Access to Electricity (2018)



World Bank's Ease of Doing Business Score (2020)



Dominican Republic

Installed Solar Capacity in MW (2019)

278.9

Installed Off-Grid Solar Capacity in MW (2019)

21.1

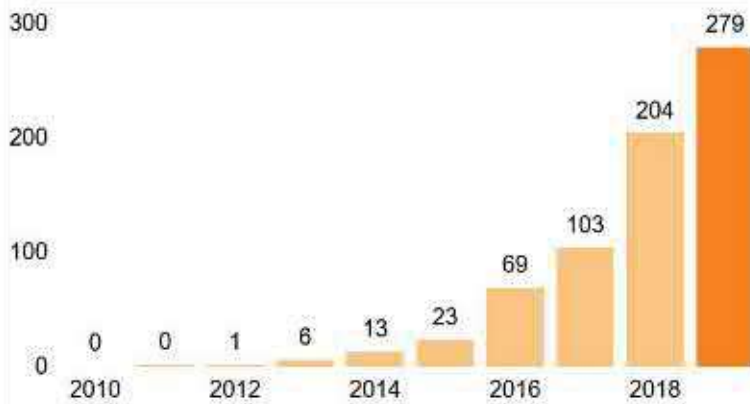
Solar installed capacity Growth rate (CAGR) for 2015-19

87%

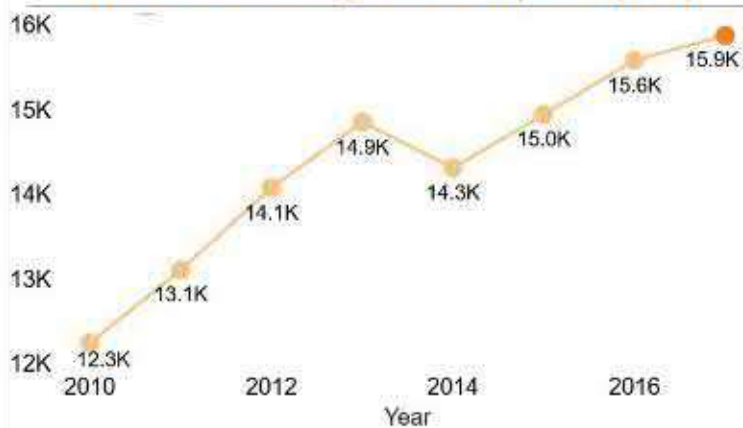
Latin America & Caribbean

Power Trends

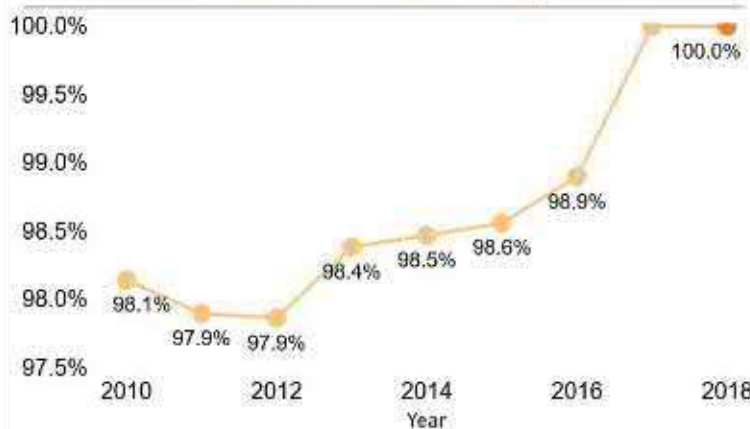
Cumulative Solar installed Capacity (MW)



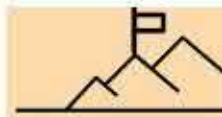
Overall Electricity Consumption (MU)



Access to Electricity

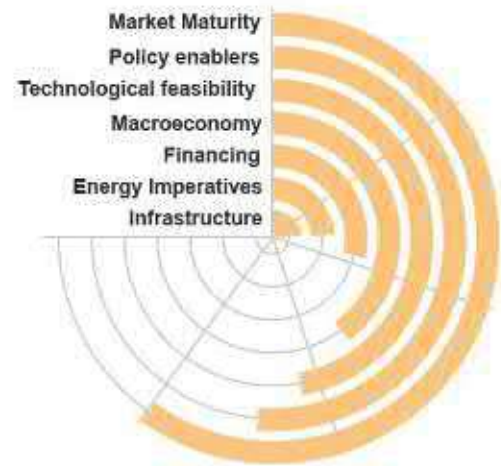


Ease of Doing Solar Classification



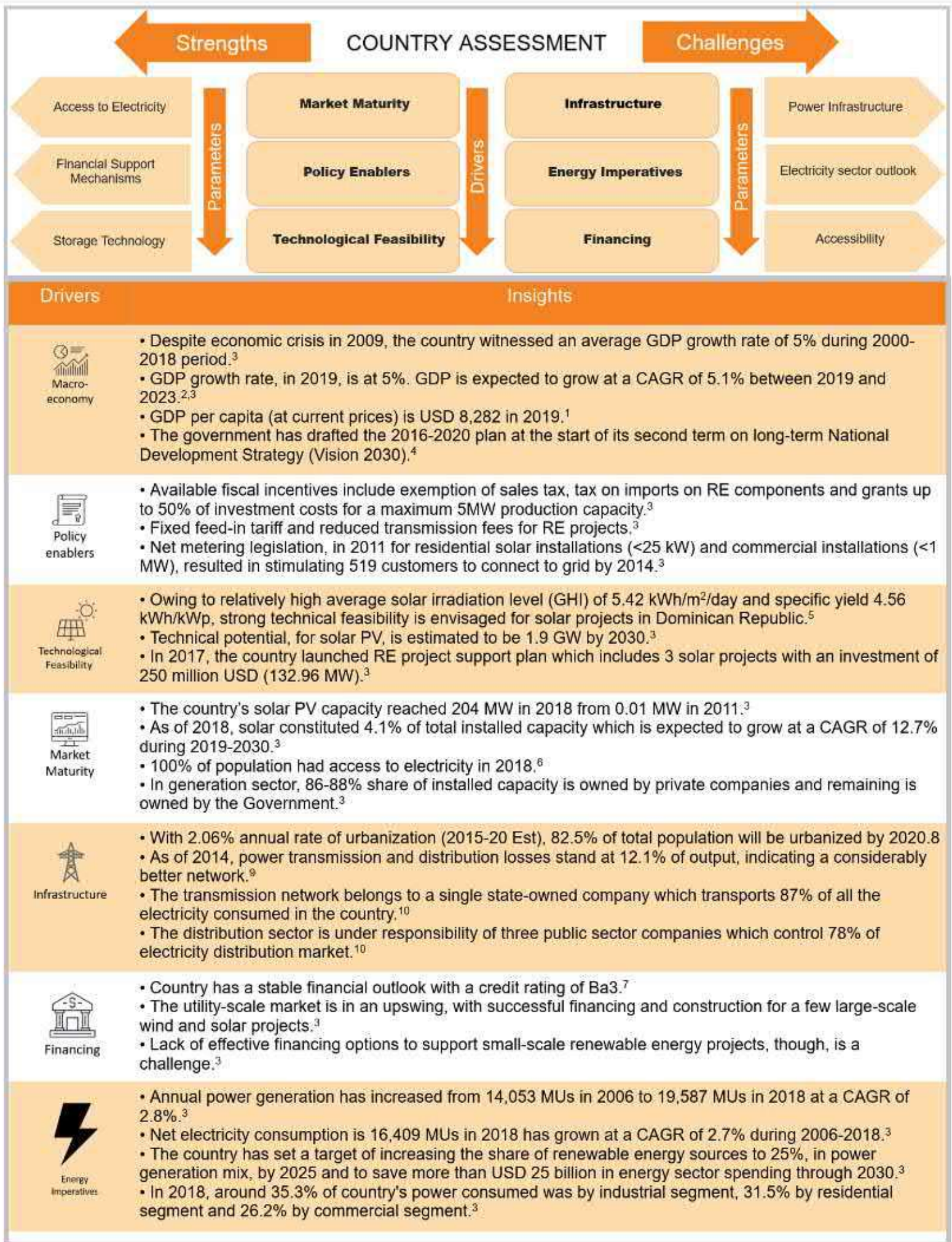
Influencer


Performance against 7 Drivers



Sub-regional standing

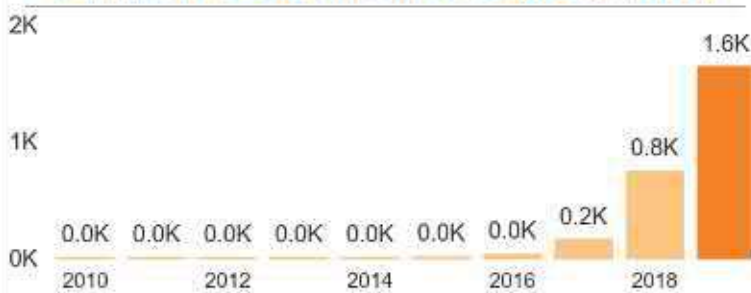




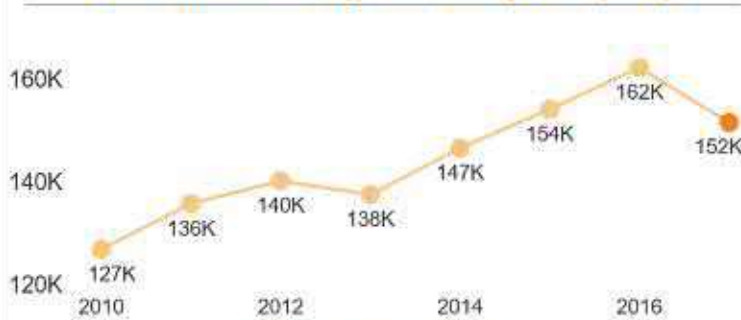
 Egypt Africa	Electricity Consumption in BU (2017) 151.6	Share of Population with Access to Electricity (2018) 100%	World Bank's Ease of Doing Business Score (2020) 60.10
	Installed Solar Capacity in MW (2019) 1647.0	Installed Off-Grid Solar Capacity in MW (2019) 50.0	Solar installed capacity Growth rate (CAGR) for 2015-19 185%

Power Trends

Cumulative Solar installed Capacity (MW)

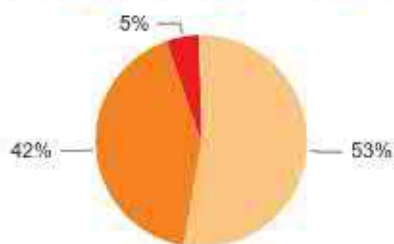


Overall Electricity Consumption (MU)

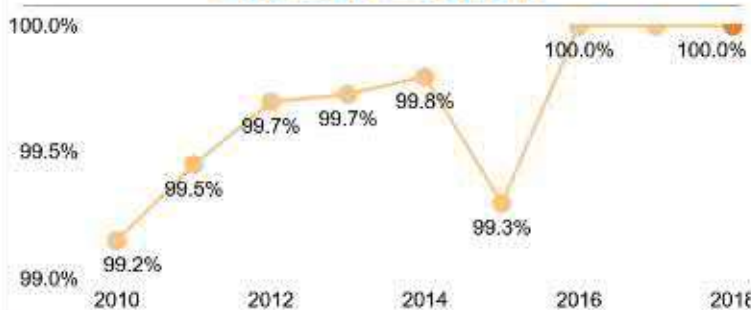


Consumer Mix

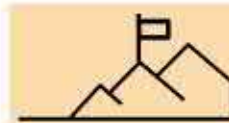
● Commercial & Industrial ● Residential ● Agricultural ● Others



Access to Electricity

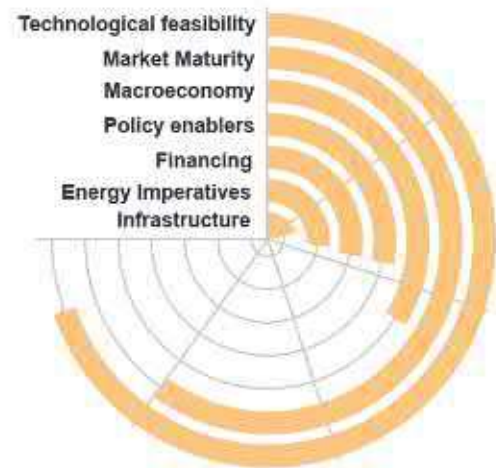


Ease of Doing Solar Classification

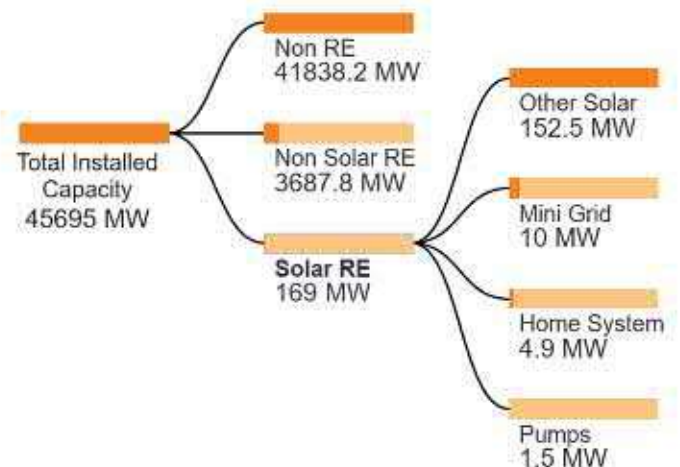


Influencer

Performance against 7 Drivers



Installed Generation Capacity by Source



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