

HAITI

ENERGY REPORT CARD (ERC) FOR 2021



INTRODUCTION

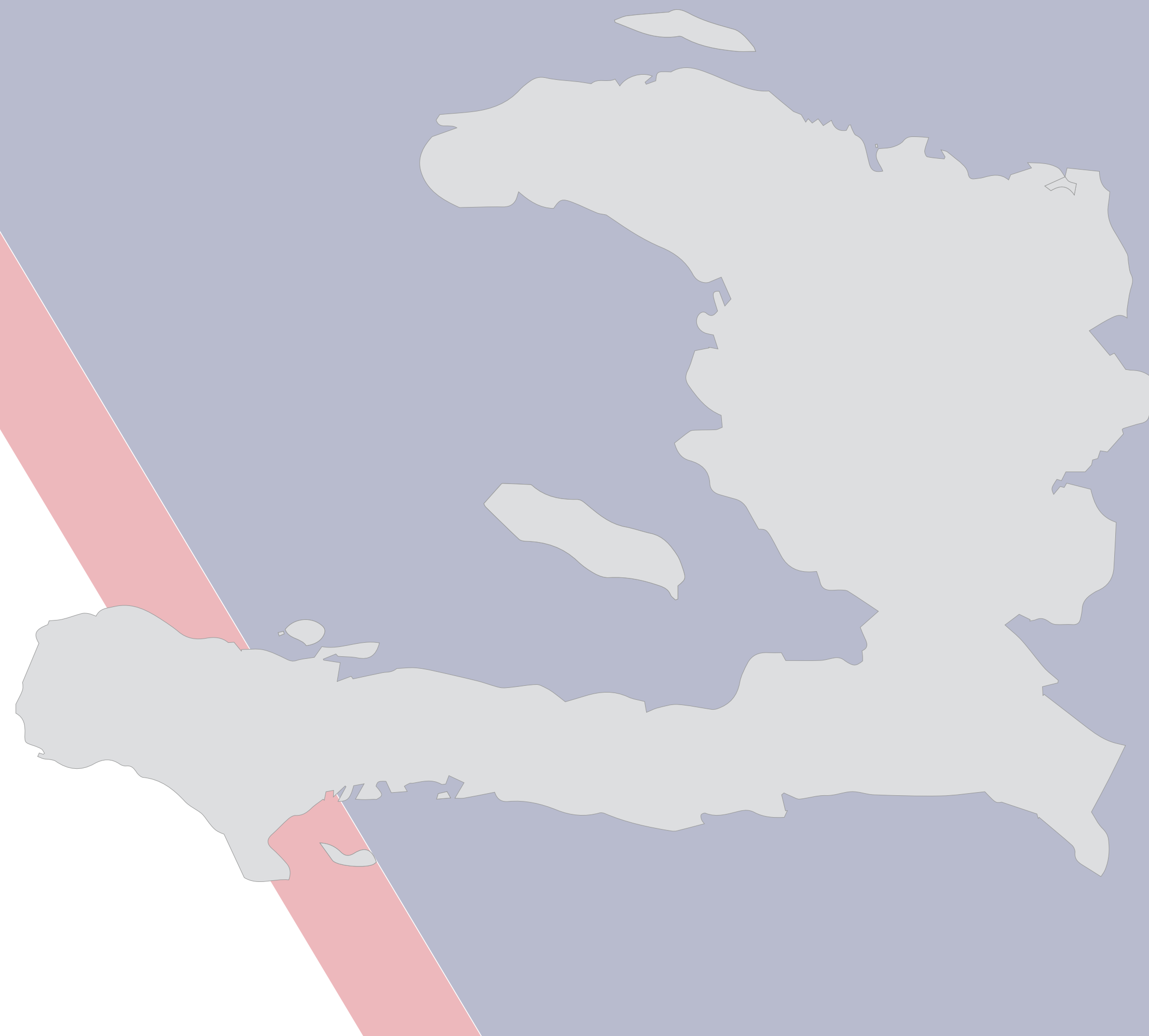
This document presents Montserrat's Energy Report Card (ERC) for 2021.

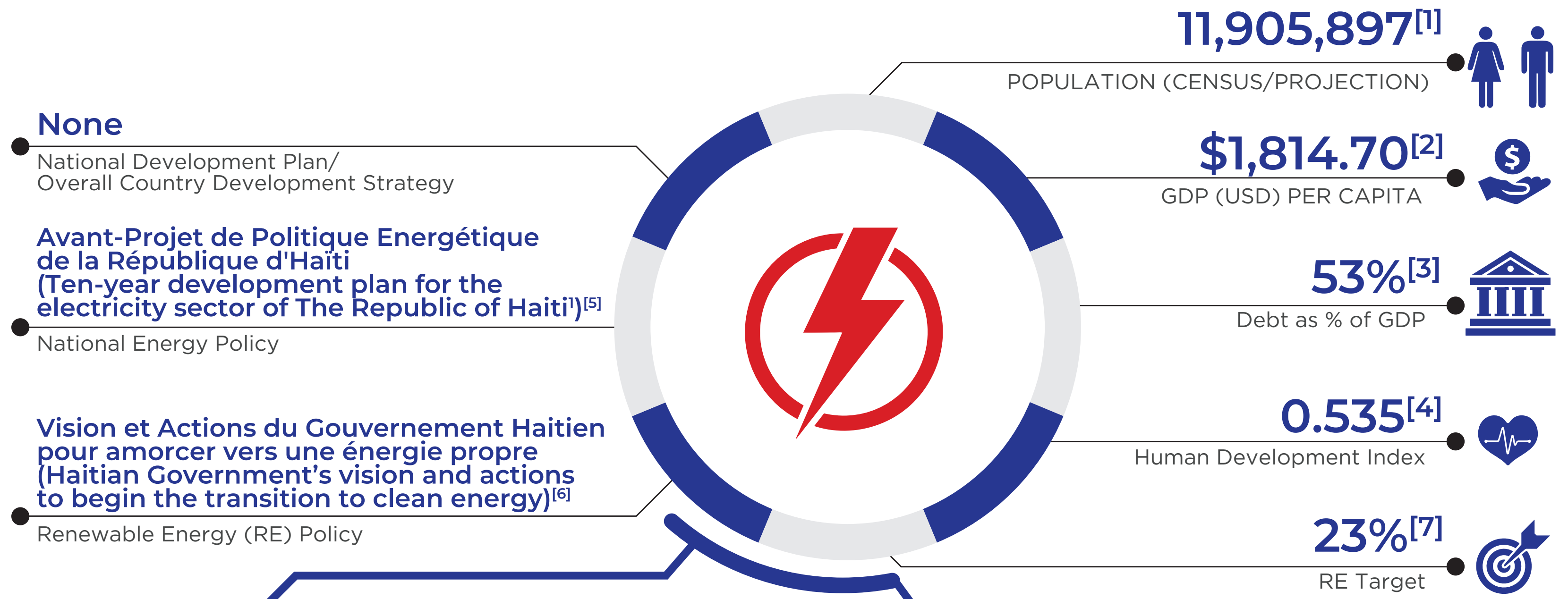
The ERC provides an overview of the energy sector performance in Montserrat. The ERC also includes energy efficiency, technical assistance, workforce, training and capacity building information, subject to the availability of data.

This ERC includes data and information that was provided by government ministries, agencies, or departments, with responsibility for energy, utilities, and statistical offices.

The data collected was supplemented by internet research, author calculations and inferences.

This data is a collection from a variety of public sources and, as such, is for general information only. It is not intended for decision-making purposes, and therefore reliance placed on the information herein is strictly at the user's risk.


















National Determined Contributions (NDC)

Réduction inconditionnelle de 6.32% par rapport au scénario de référence/Unconditional reduction of 6.32% compared to the baseline

Réduction conditionnelle de 25.5% par rapport au scénario de référence/Conditional reduction of 25.5% compared to the baseline. ^[10]

ENERGY PERFORMANCE STANDARDS/APPLIANCE LABELLING

None

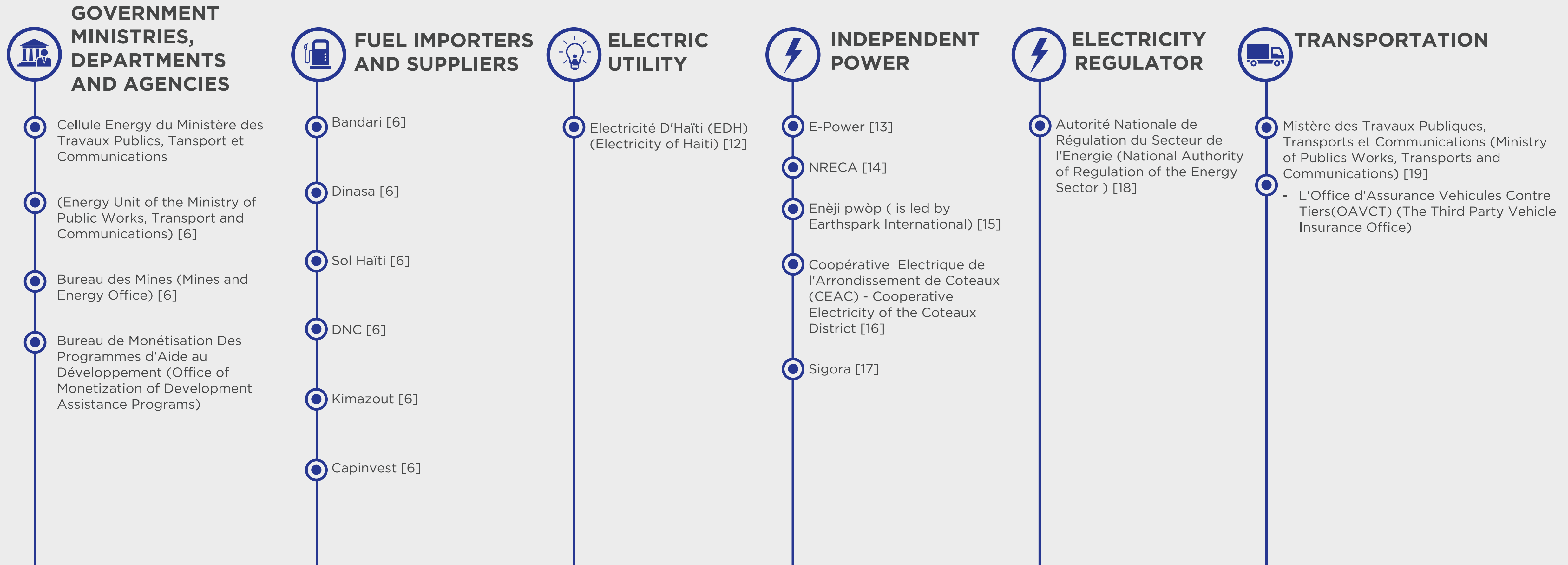
	No. of Persons Employed in Energy Sector	138²
	Total Installed Conventional Capacity (MW)	361.61^[9]
	Total Installed RE (MW)	69.68^[9]
	Electricity System Losses (%)	50%^[9]
	Energy Use (kWh) Per Capita	50^[9]
	Fuel and Oil Imports as % of GDP	Not Available
	Oil Imports as % of GDP	Not Available
	Electric Vehicle Stock	Not Available
	Climate Change Policy	Politique Nationale de Lutte contre les Changements Climatiques (PNCC) 2019^[10]
	Total Oil Import (BBLs) per day	2,1964.02^[8]
	Total Oil Export (BBLs) per day	0^[8]
	Energy Intensity (BTU/\$)	Not Available
	National Repository for Energy Data	None

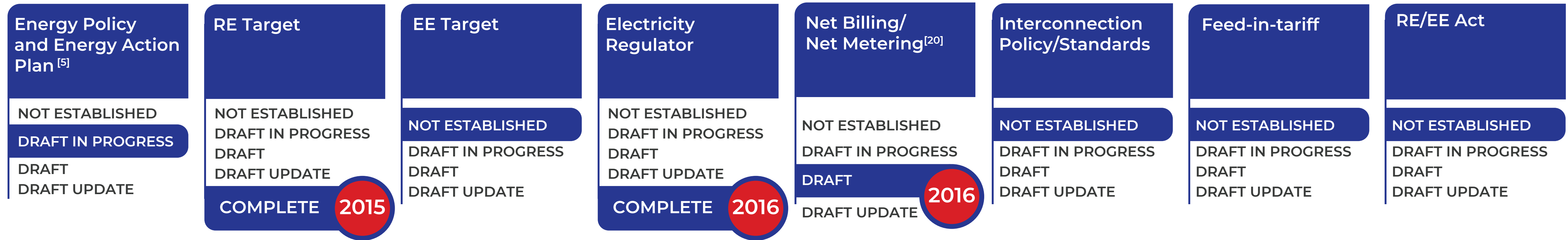
1. In 2021 the National Energy Policy was in the process of being reviewed and updated to Plan décennal de développement du secteur de l'électricité (en préparation) Ten-year development plan for the electricity sector [6]

2. This does not include the utility, EDH and the regulator, ANARSE.

Performance Against Targets



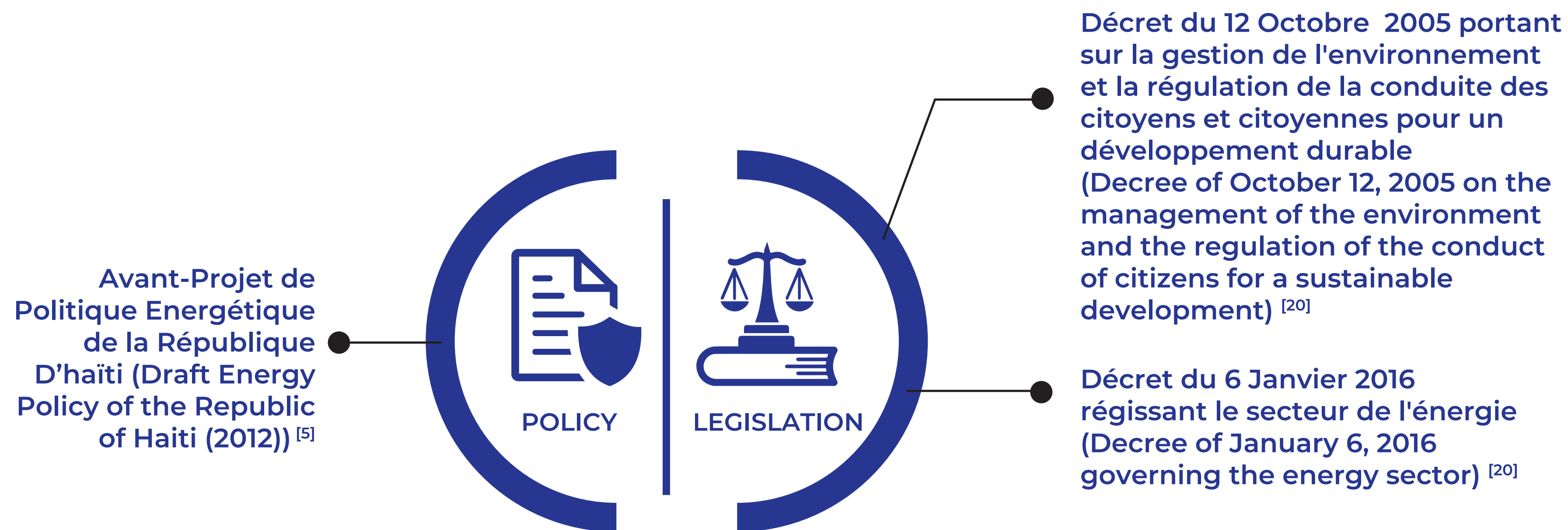




Policy, Legal and Regulatory (PLR) Framework

KEY ACHIEVEMENTS

PLR Framework Timeline For Electricity Sector



2016

National regulatory authority for the energy sector (ANARSE) ^[21]

2016

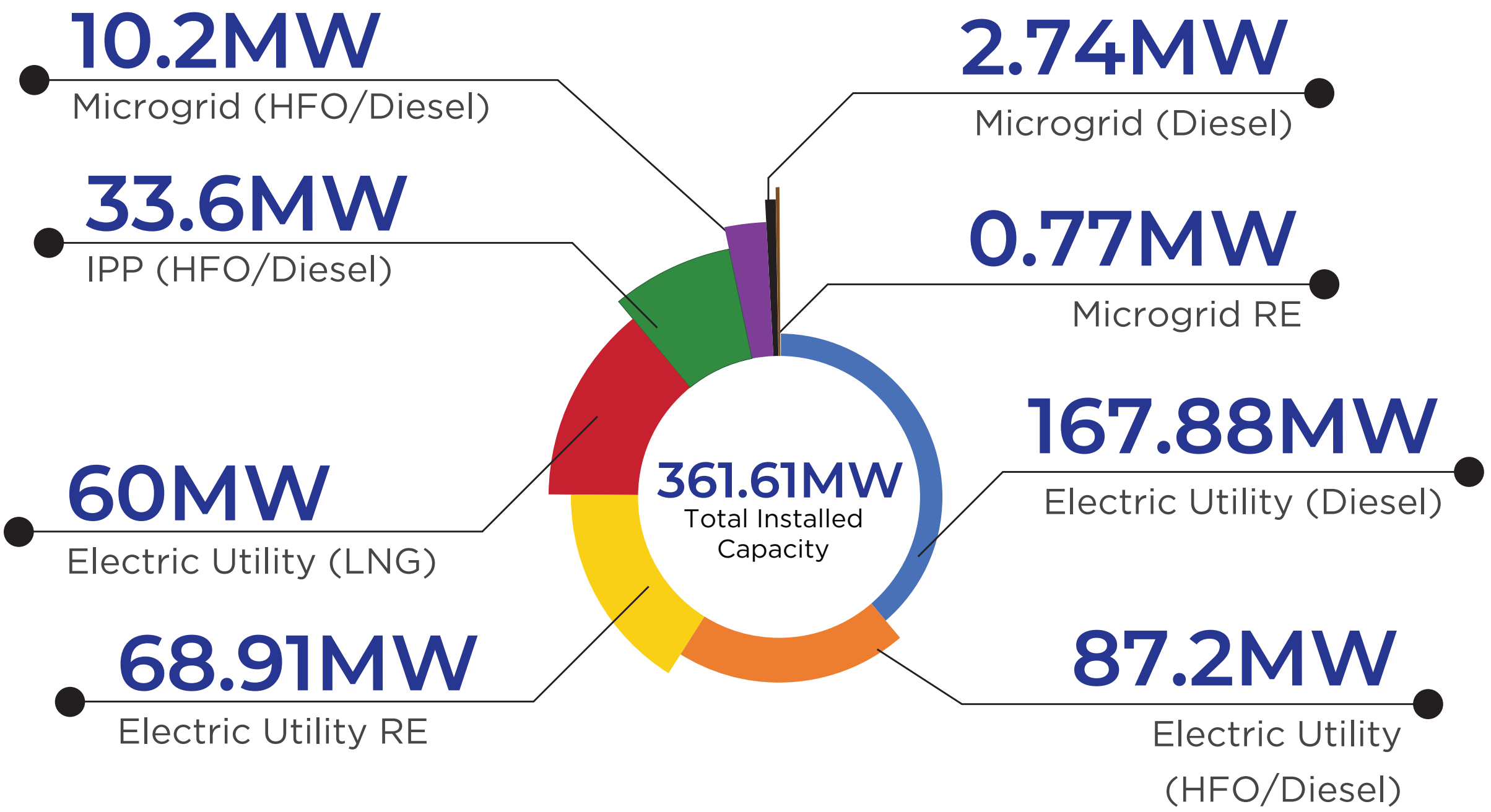
Décret du 6 Janvier 2016 fait de l'EDH un organisme autonome à caractère industriel et commercial jouissant de la personnalité juridique et de l'autonomie financière (Decree of January 6, 2016 makes EDH an autonomous organization of an industrial and commercial nature with legal personality and financial autonomy) ^[20]



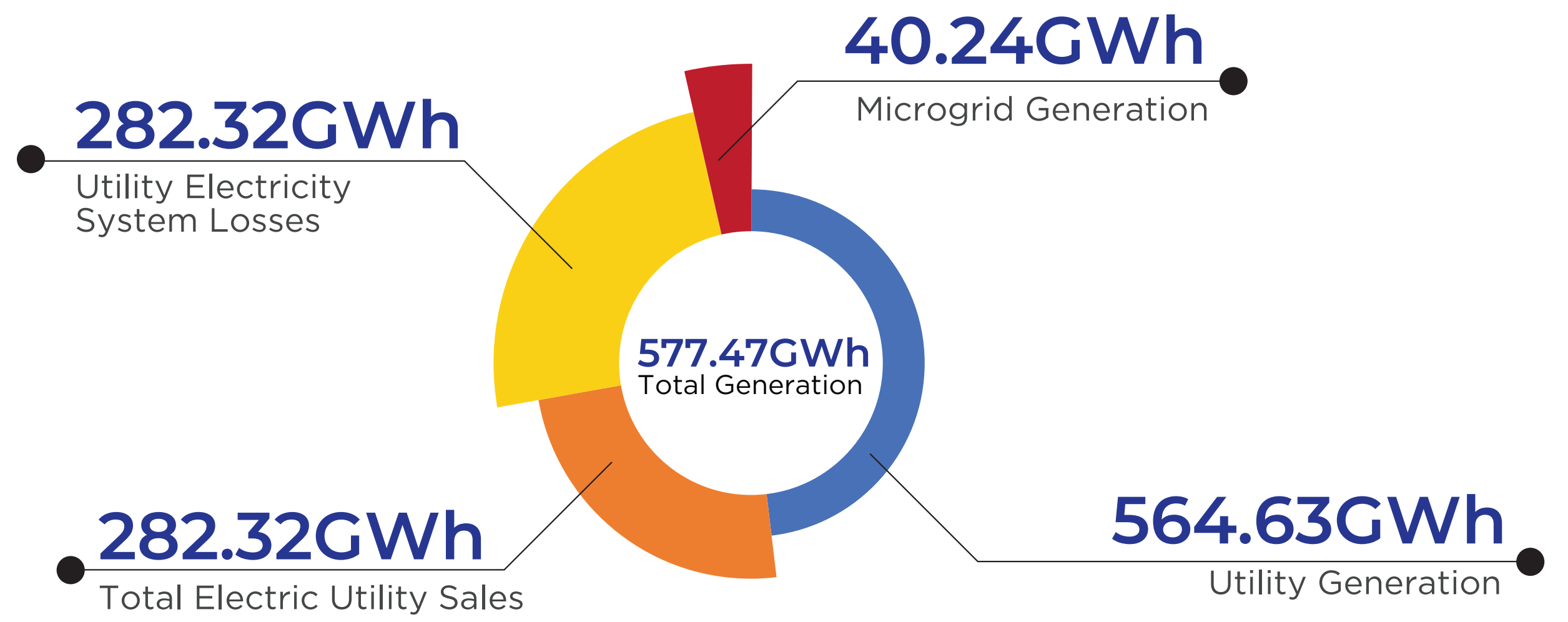
POLICIES AND LEGISLATION RELEVANT TO THE TRANSPORTATION SECTOR

No policies or legislations were reported for the transportation sector

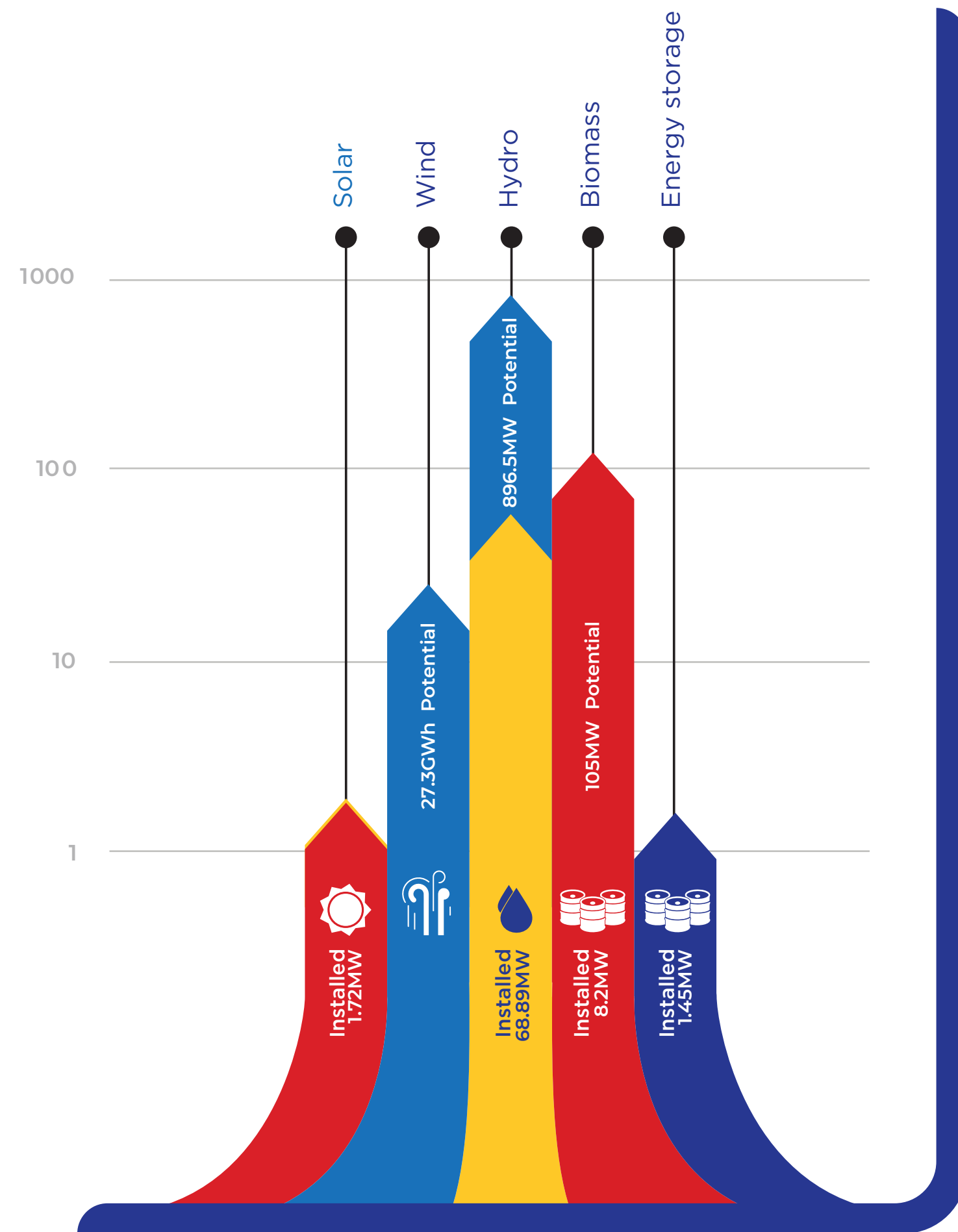
Installed Capacity (MW)



Energy Consumption (GWh)



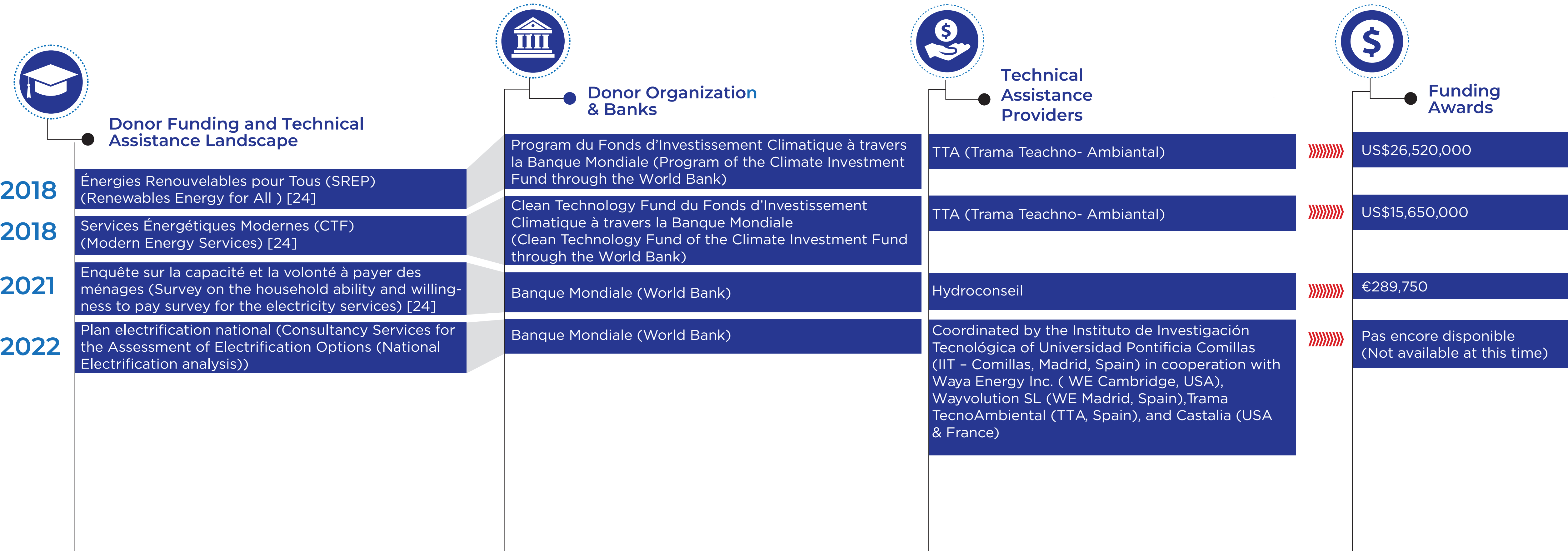
Renewable Energy Capacity (MW)



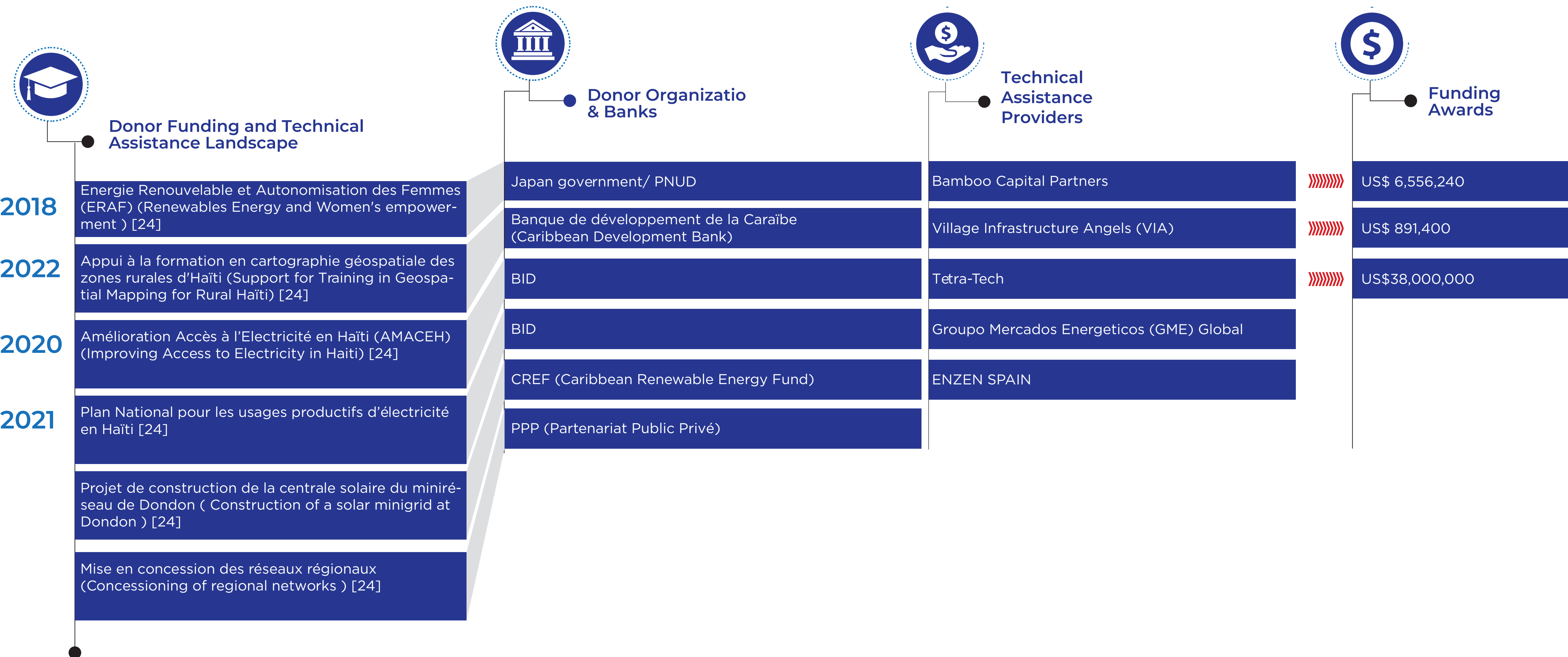
Electricity Tariffs ^[23]

RATE CLASS	kWh	SEMI AUTONOMOUS CENTRE (US\$/kWh)	PORT-AU-PRINCE AND OTHER REGIONS (US\$/kWh)
RESIDENTIAL TARIFF (US\$/kWh) EDH	≤ 30	0.06	0.04
	31-200	0.06	0.04
	> 200	0.11	0.111
COMMERCIAL	≤ 30	0.10	0.10
	31-200	0.12	0.12
	> 200	0.13	0.13
INDUSTRIAL/LARGE POWER	OFF-PEAK HOURS	0.11	0.11
	PEAK HOURS	0.12	0.12
STREETLIGHTS	≤ 30	0.12	0.12
	31-200	0.12	0.12
	> 200	0.12	0.12

Technical Assistance Projects



Technical Assistance Projects



Energy Efficiency Projects



Energy Efficiency Projects
There were no Energy Efficiency Projects reported for 2021.

Renewable Energy Projects

Solar Photo-Voltaic [24]

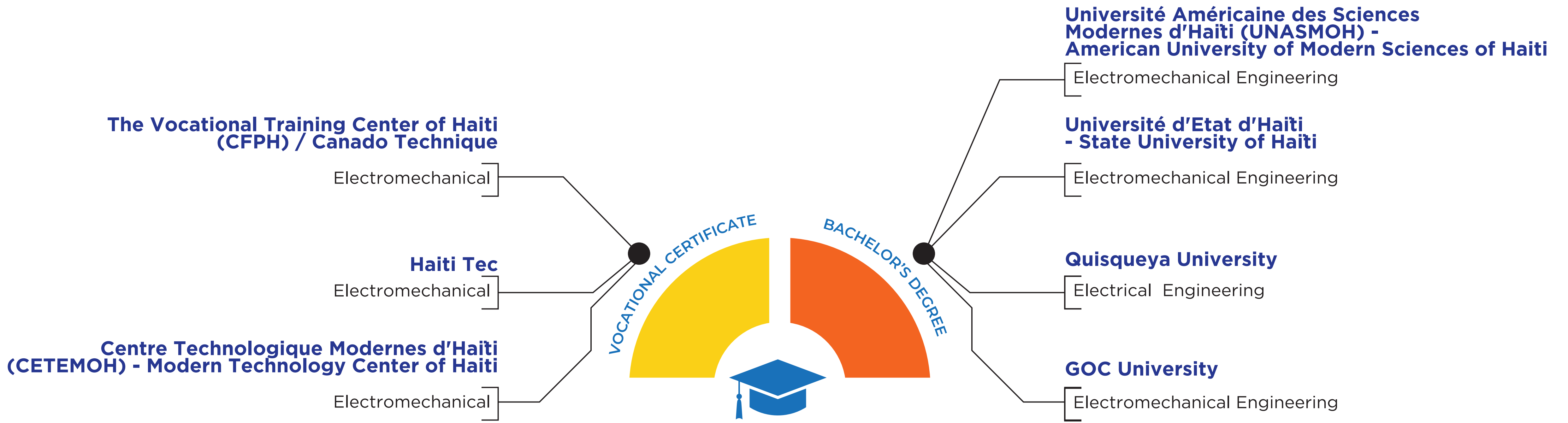


Project Name	Location	Resource and Projects Capacity	Development Partner	Funding Source	Ownership <small>(PPA, utility owned, community-owned or public)</small>
	Marchand Dessalines		Aline enèji	OGEFe Mondiale and Banque	Public Private Partnership
	Anse-à-Galet	Solar: 2 300 kW Batt: 1 300 kWh Generator: 3 000 kVA	HER		Public Private Partnership
	Pointe à Raquette	Solar: 270 kW Batt: 240 kWh Generator: 3 50 kVA	HER		Public Private Partnership
	Marfranc	Solar: 84 kW Batt: 130 kWh	Earthspark	Interaméricaine de Développement (World Bank and Inter-American Development Bank) Banque Mondiale and Banque	Public Private Partnership
	La Cahouane	Solar: 58 kW Batt: 119 kWh	Earthspark	Interaméricaine de Développement (World Bank and Inter-American Development Bank)	Public Private Partnership
	Dame-Marie	Solar: 707 kW Batt: 1 240 kWh	Earthspark	Banque Mondiale and Banque Interaméricaine de Développement (World Bank and Inter-American Development Bank)	Public Private Partnership
	Anse-D'Hainault	Solar: 1 186 Batt: 2014	Earthspark	Banque Mondiale and Banque Interaméricaine de Développement (World Bank and Inter-American Development Bank)	Public Private Partnership
	Beaumont	Solar: 398 kW Batt: 425 kWh	Earthspark	Banque Mondiale and Banque Interaméricaine de Développement (World Bank and Inter-American Development Bank)	Public Private Partnership
	Chambellan	Solar: 193 kW Batt: 486 kWh	Earthspark	Banque Mondiale and Banque Interaméricaine de Développement (World Bank and Inter-American Development Bank)	Public Private Partnership
	Carice	Solar: 400 kW Batt: 798 kWh Generator: 500 kVA	SKDK	Banque Mondiale and Banque Interaméricaine de Développement (World Bank and Inter-American Development Bank)	Public Private Partnership

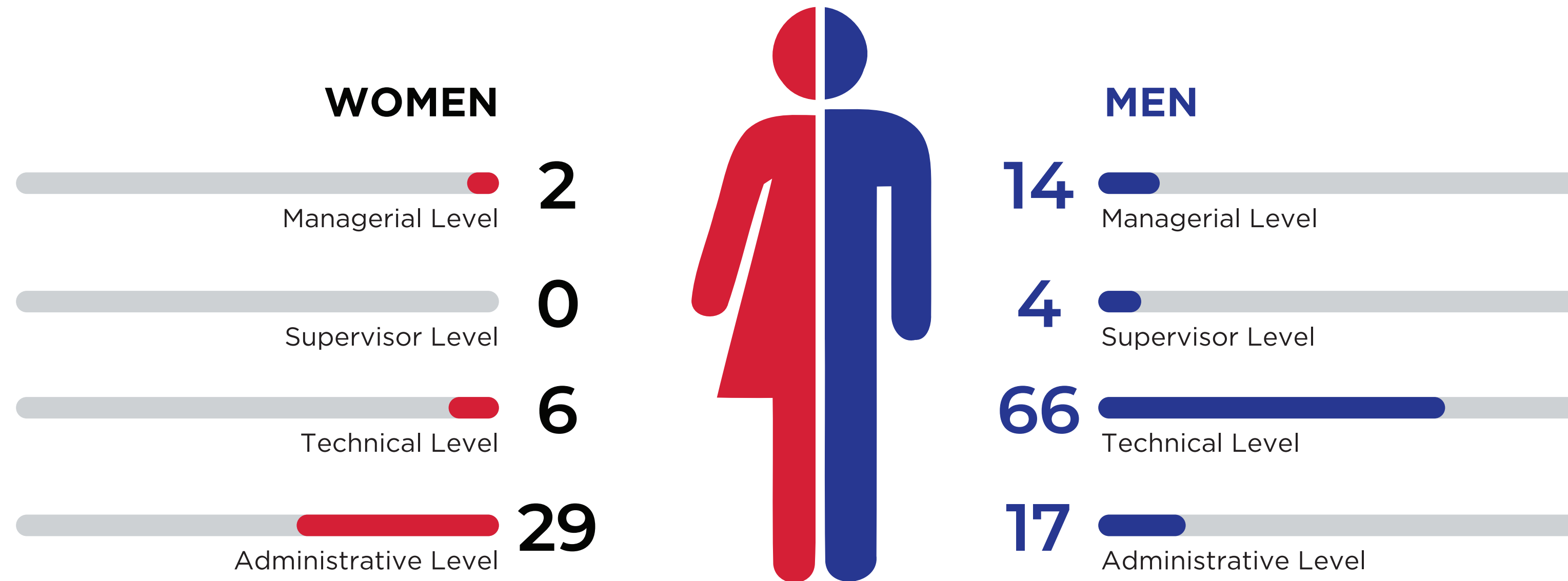
Renewable Energy Projects

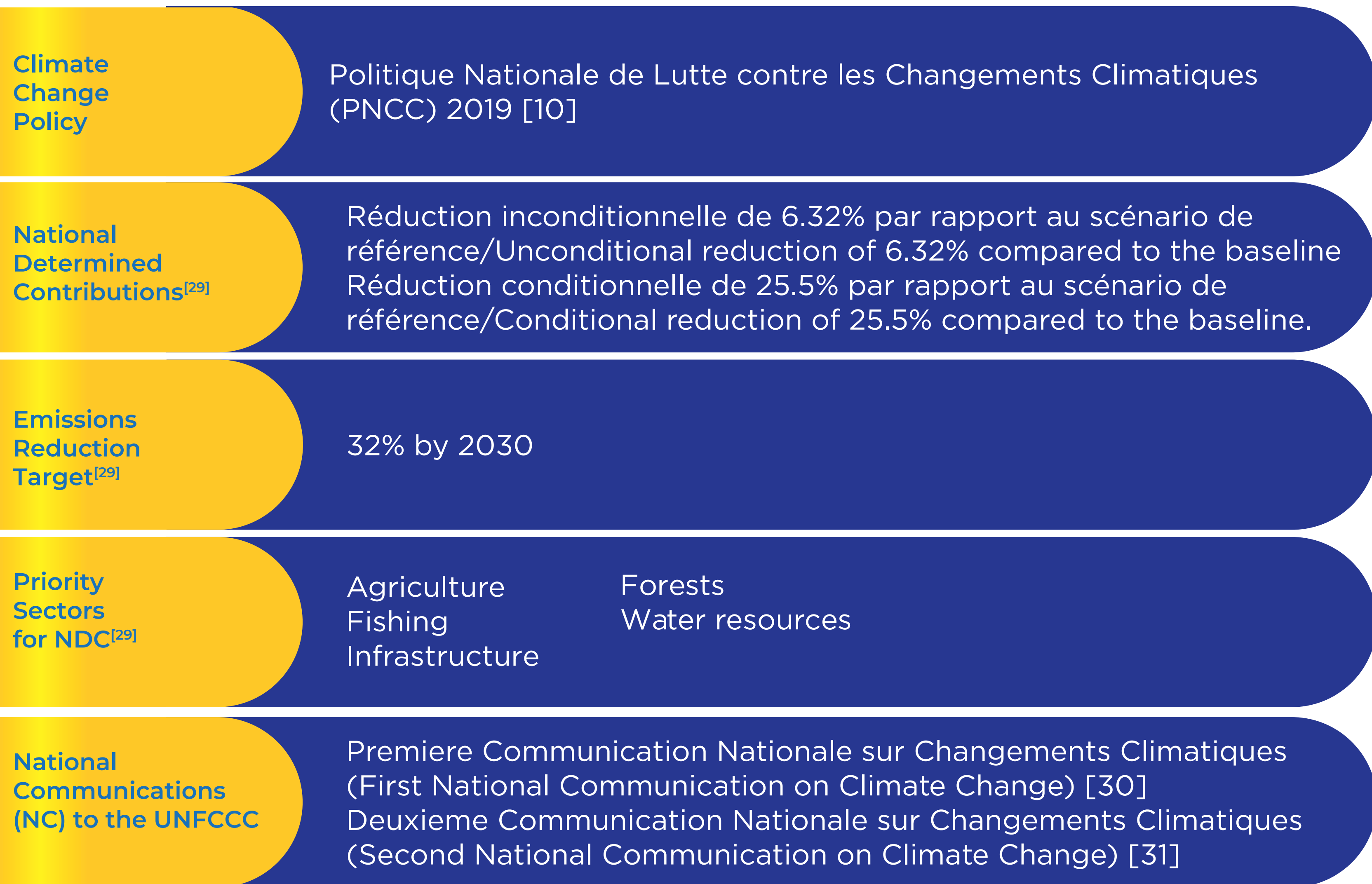
Solar Photo-Voltaic [24]

Project Name	Location	Resource and Projects Capacity	Development Partner	Total Estimated Cost	Funding Source	Transaction Advice	Ownership <small>(PPA, utility owned, community-owned or public)</small>
Construction de la centrale solaire photovoltaïque avec stockage de Jacmel (Construction of the solar power plant with storage in Jacmel)	Jacmel	Solar: 1200 kWc Batt: 800 Kw/330 kWh	EDH	N/A	SREP	TTA	Utility Owned
ERAF (Construction des centrales hybrides solaires PV/génératrices diesel) Construction of hybrid solar PV/diesel power plants	Mont-Organisé	Solar:280 kWc Generator: 400 kVA Batt: 758 kWh	EnviroEarth and ENERSA				Public Private Partnership
	Capotille	Solar: 202 kWc Generator: 291 kVA Batt: 532 kWh	Green Energy and GENINOV				Public Private Partnership
	Valli res	Solar: 202 kWc Generator: 291 kVA Batt : 532 kWh	Green Energy and GENINOV				Public Private Partnership
AMACEH	Caracol	Solar 1: 8 MWc Solar 2: 4 MWc	WINECO-Siemens-Living		World Bank		Public Private Partnership
Projet de construction de la centrale solaire du mini-réseau de Dondon Construction of a solar minigrd at Dondon		Solar: 468 kW Generator: 1 024 kVA Batt: 559 kWh	Energy-Win&R				
			ENZEN SPAIN				



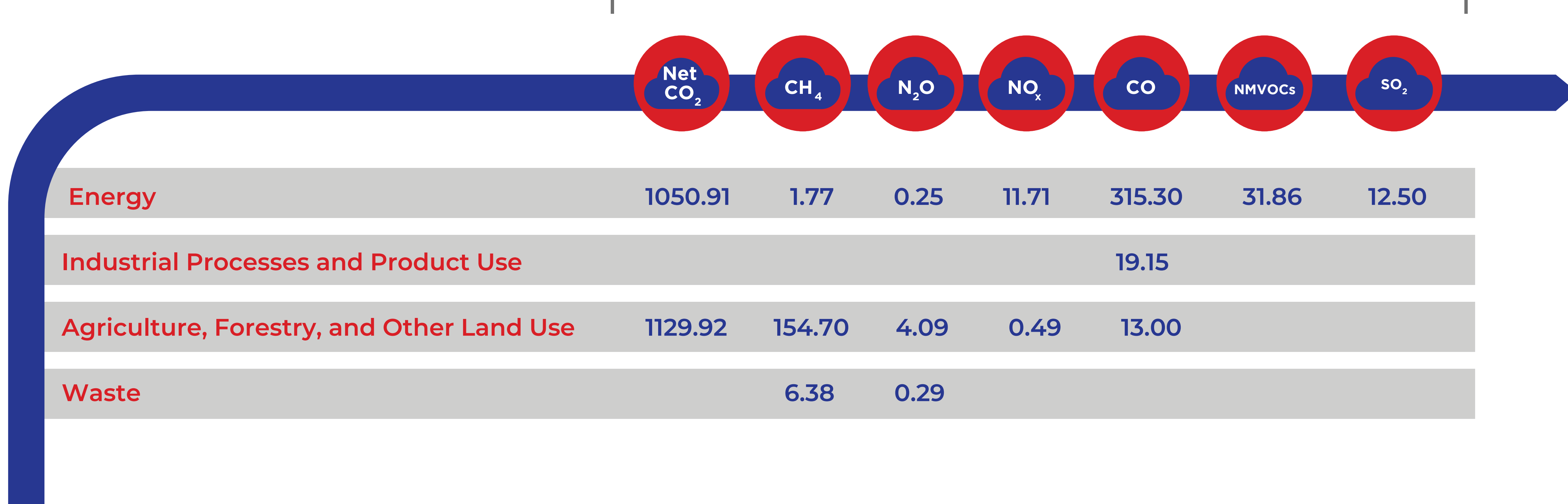
Persons Employed in the Energy Sector





Summary of Haiti's GHG Emissions and Removals (Gg) for 2013

Emissions (GgCO₂ Equivalent)



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- [4] United Nations Development Programme, “Human Development Report 2021/2022,” 8 September 2022. [Online]. Available: https://hdr.undp.org/system/files/documents/global-report-document/hdr2021-22pdf_1.pdf. [Accessed 14 September 2022].
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