

ST. KITTS AND NEVIS

ENERGY REPORT CARD (ERC) FOR 2021



INTRODUCTION

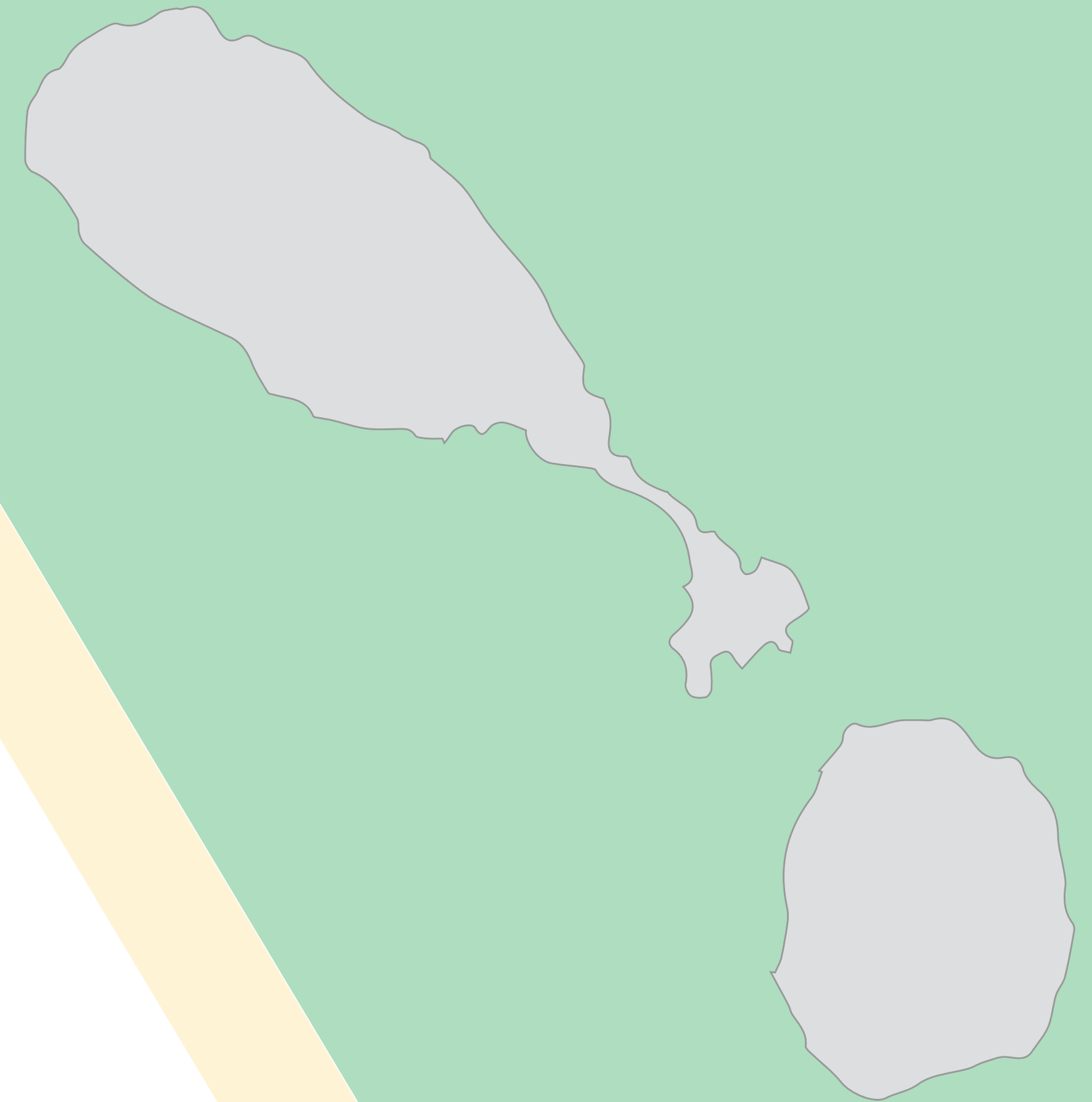
This document presents St. Kitts and Nevis' Energy Report Card (ERC) for 2021.

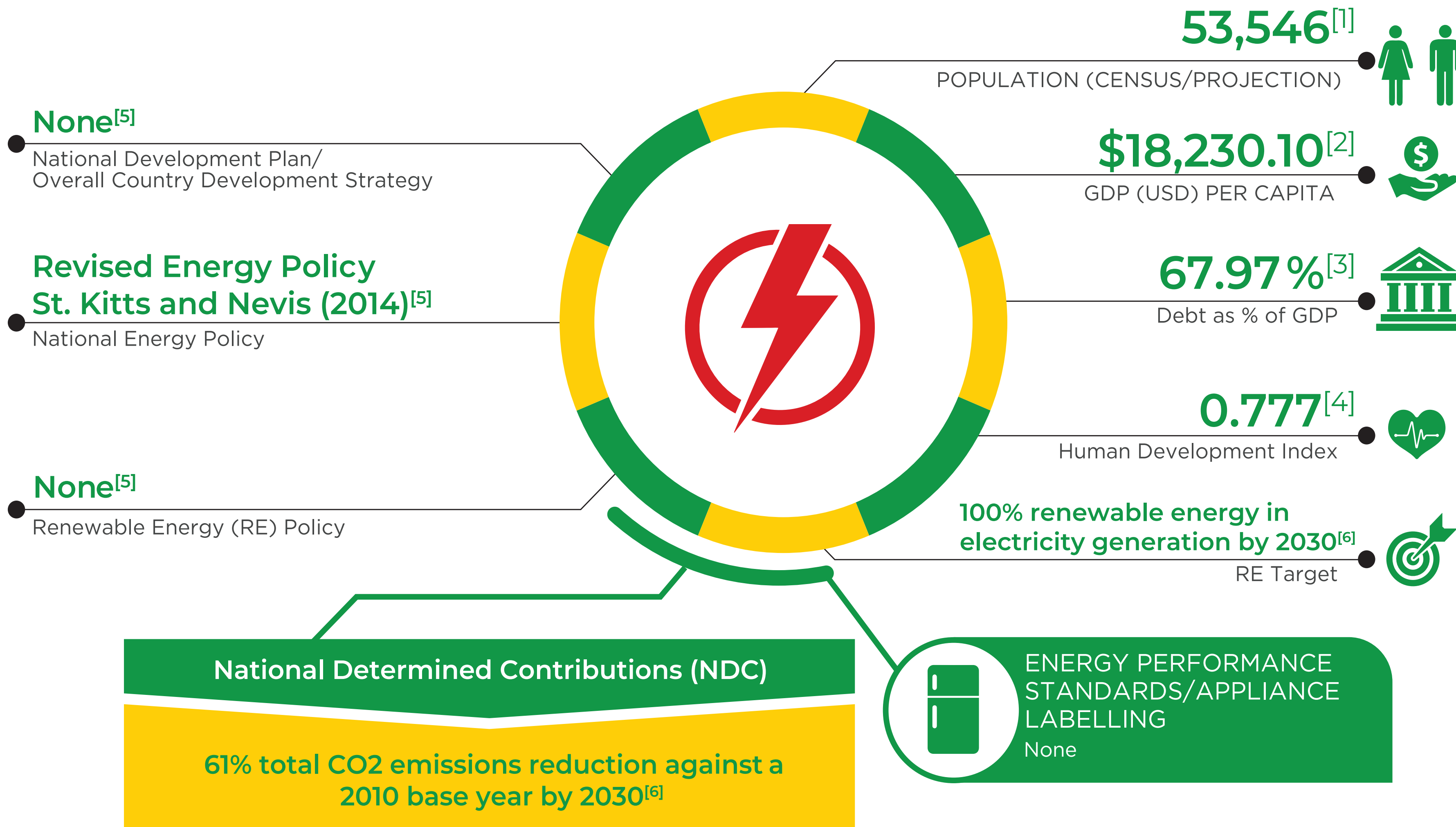
The ERC provides an overview of the energy sector performance in St. Kitts and Nevis. The ERC also includes energy efficiency, technical assistance, workforce, training and capacity building information, subject to the availability of data.














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.

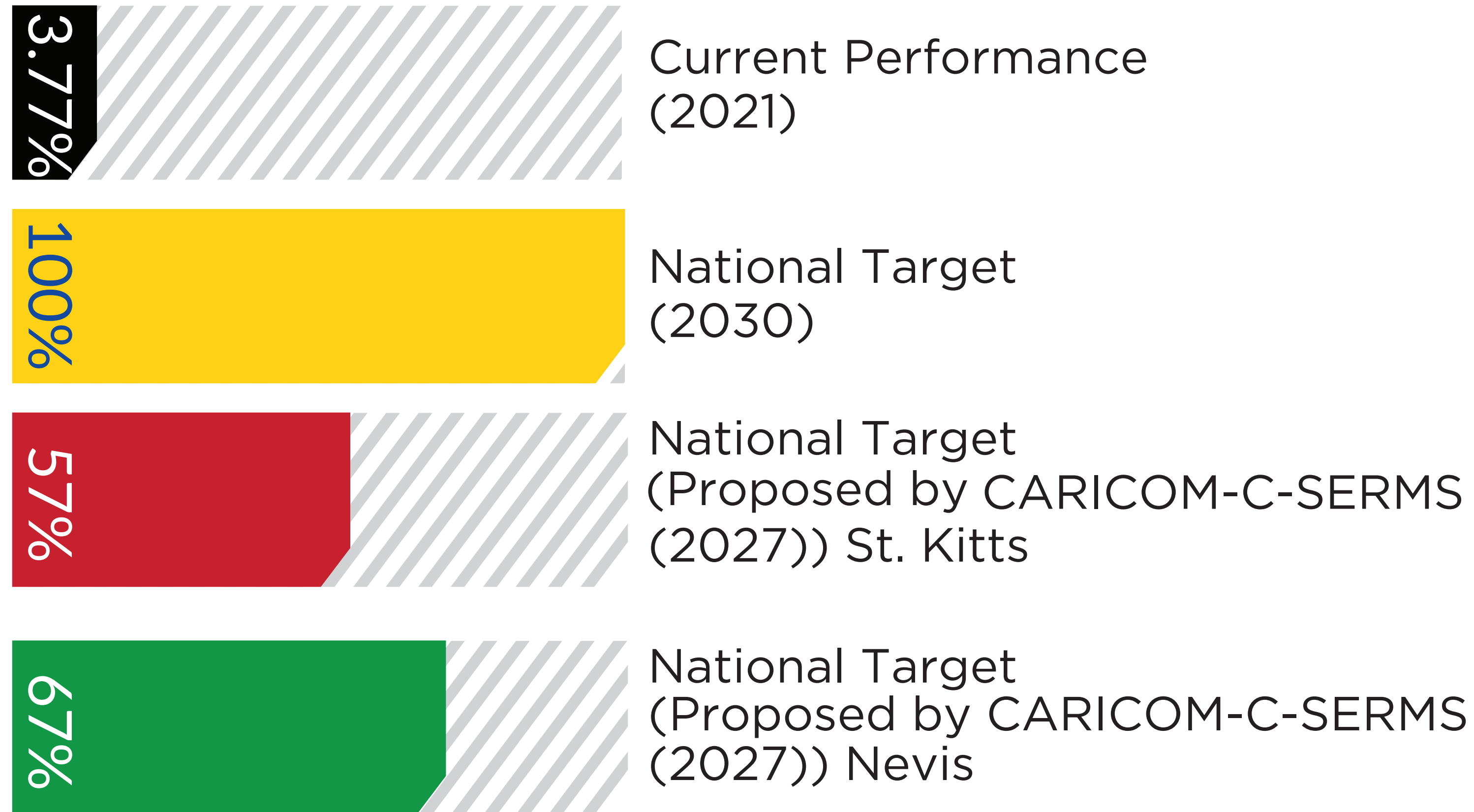
This data is a collection from a variety of public sources and, as such, is for general information only. It is not intended for decision-making purposes, and therefore reliance placed on the information herein is strictly at the user's risk.

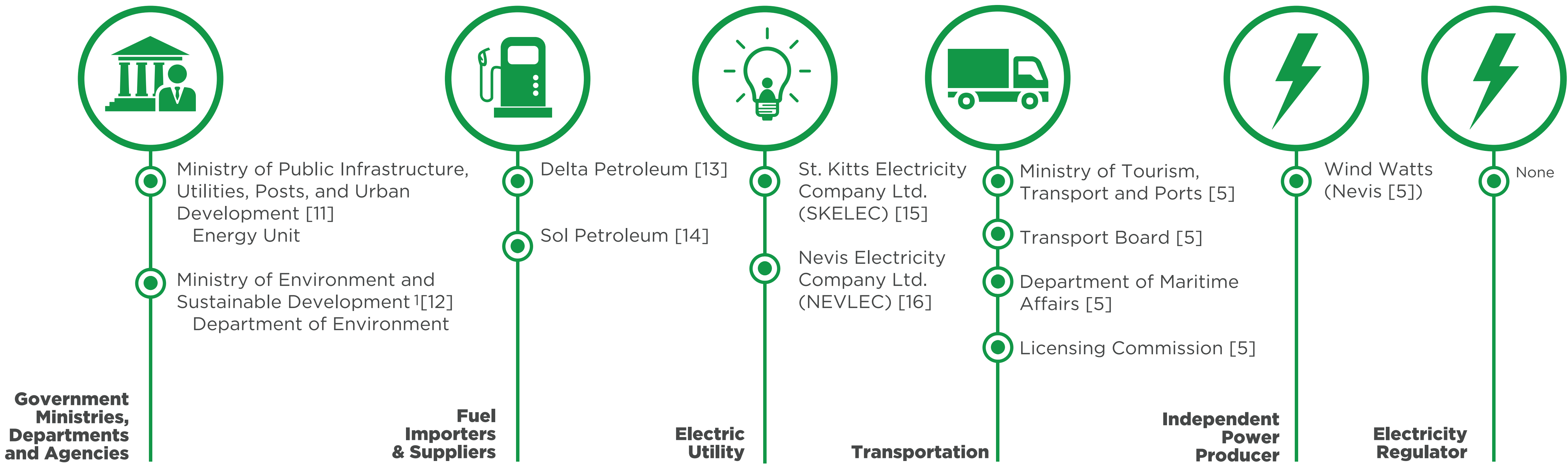




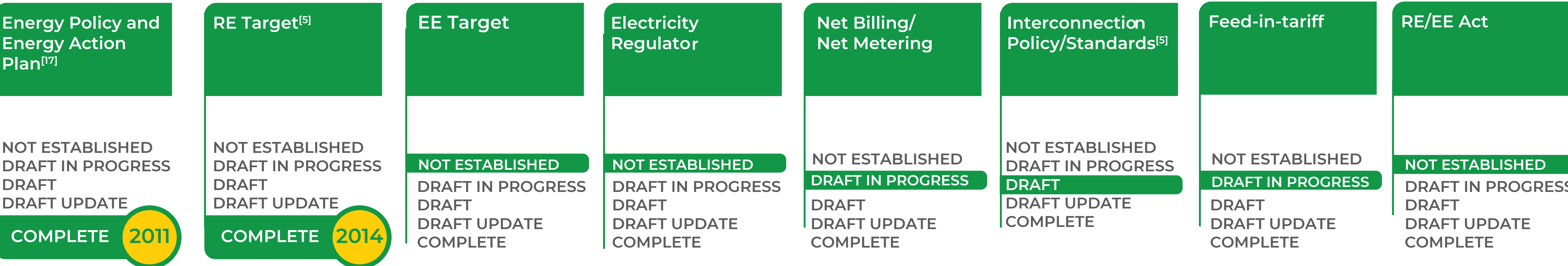
	No. of Persons Employed in Energy Sector	317
	Total Installed Conventional Capacity (MW)	62.5^{[7][8]}
	Total Installed RE (MW)	2.45^{[7][8]}
	Electricity System Losses (%)	16.6%^{[7][8]}
	Energy Use (kWh) Per Capita	4,331.22^{[7][8]}
	Fuel and Oil Imports as % of GDP	Not Available
	Oil Imports as % of GDP	Not Available
	Electric Vehicle Stock	Quantity not Available
	Climate Change Policy	St. Kitts and Nevis National Climate Change Policy^[9]
	Total Oil Import (BOE) per day	Not Available
	Total Oil Export (BOE) per day	Not Available
	Energy Intensity (BTU/\$)	Not Available
	National Repository for Energy Data	None^[5]

Performance Against Targets





1. After the 2022 elections this ministry was renamed the Ministry of Environment and Cooperatives



Policies and Legislation Relevant to the Energy Sector



KEY ACHIEVEMENTS

PLR Framework Timeline For Electricity Sector

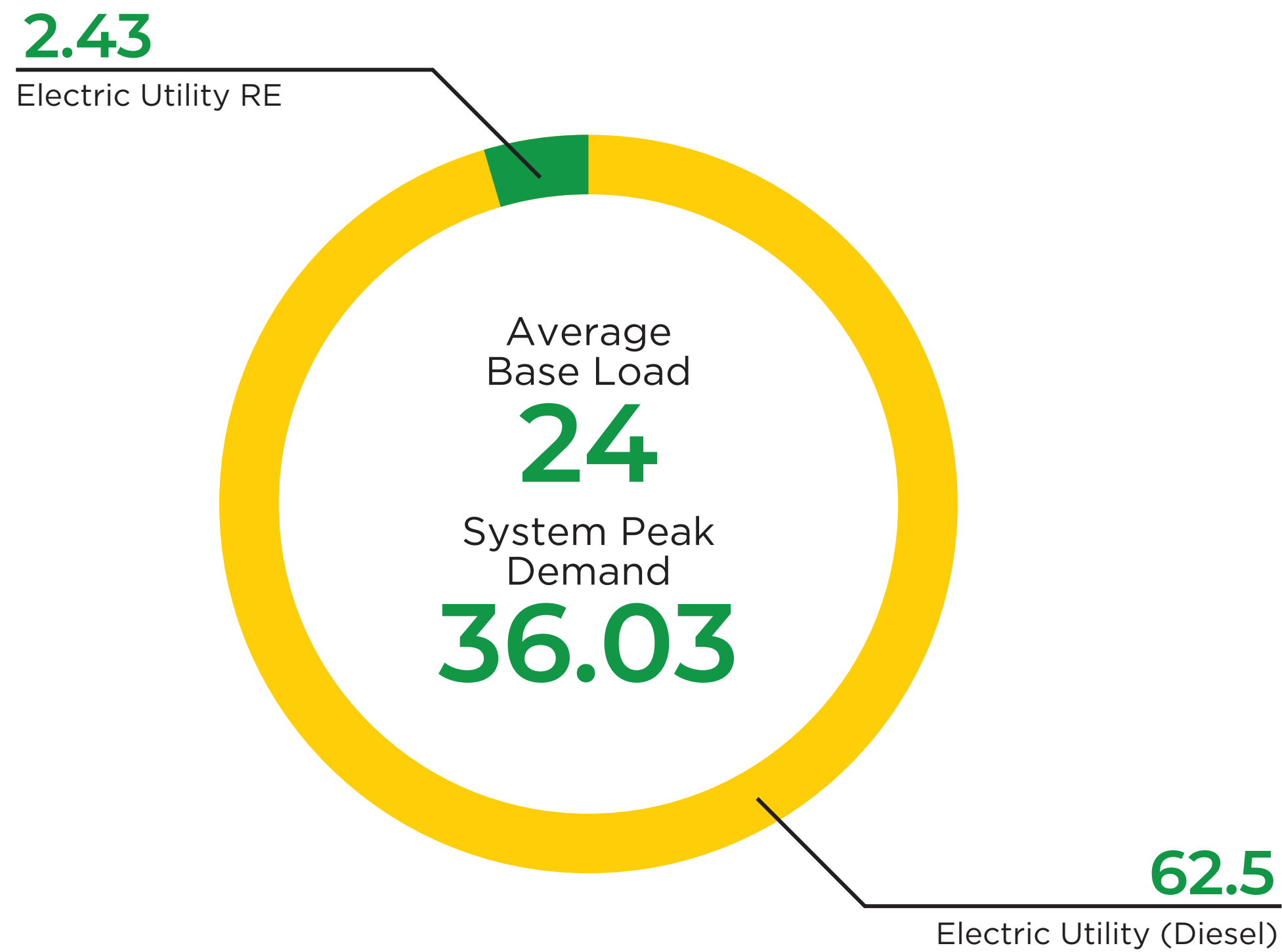
- 2011** Saint Christopher Electricity Supply Act^[18]
- 2014** Renewable Energy Infusion Act^[19]
- 2015** Saint Christopher Electricity Supply Act (Revised)^[18]
- 2017** Saint Christopher Electricity Supply Act (Revised)^[18]



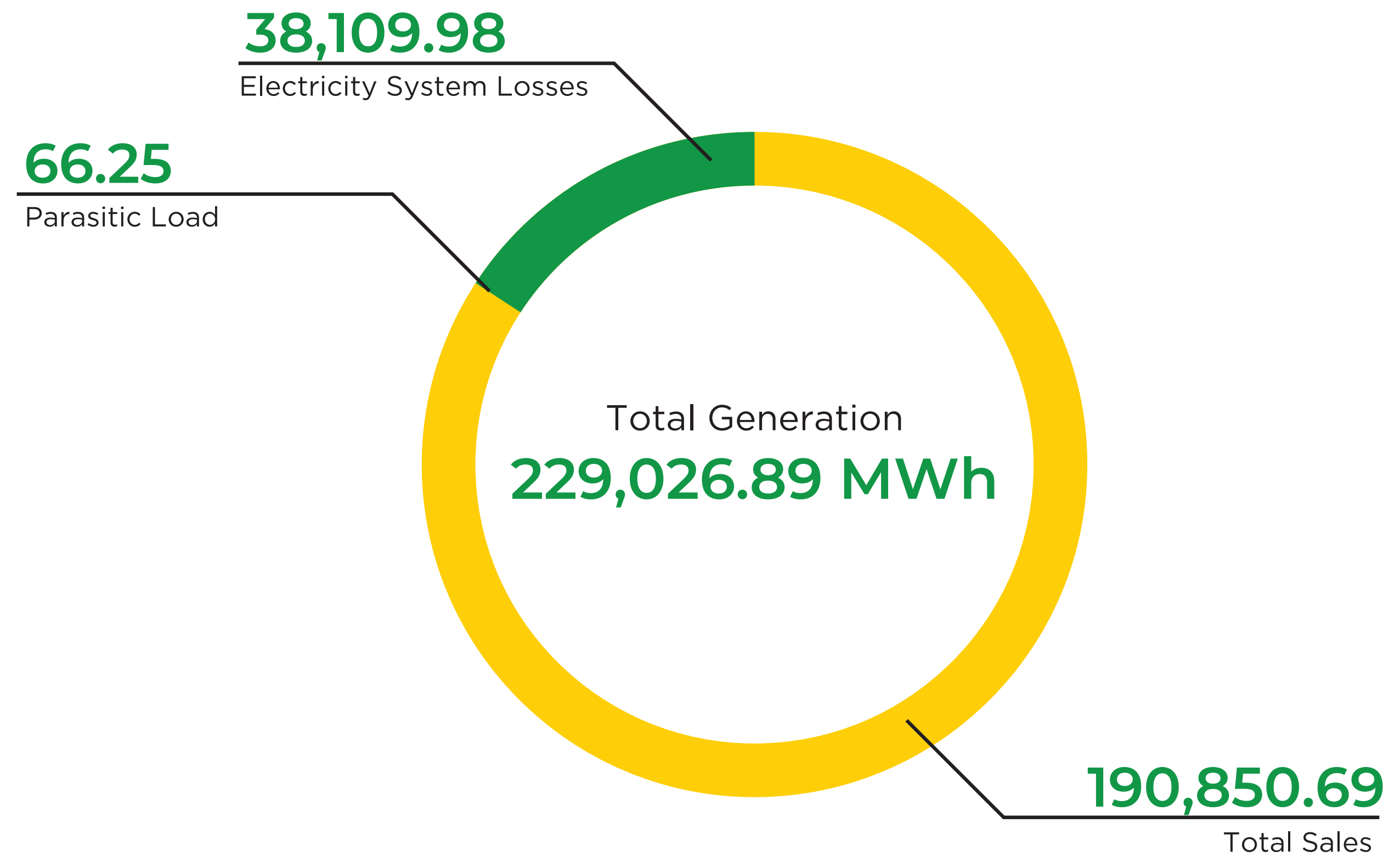
POLICIES AND LEGISLATION RELEVANT TO THE TRANSPORTATION SECTOR

No policies or legislations were reported for the transportation sector

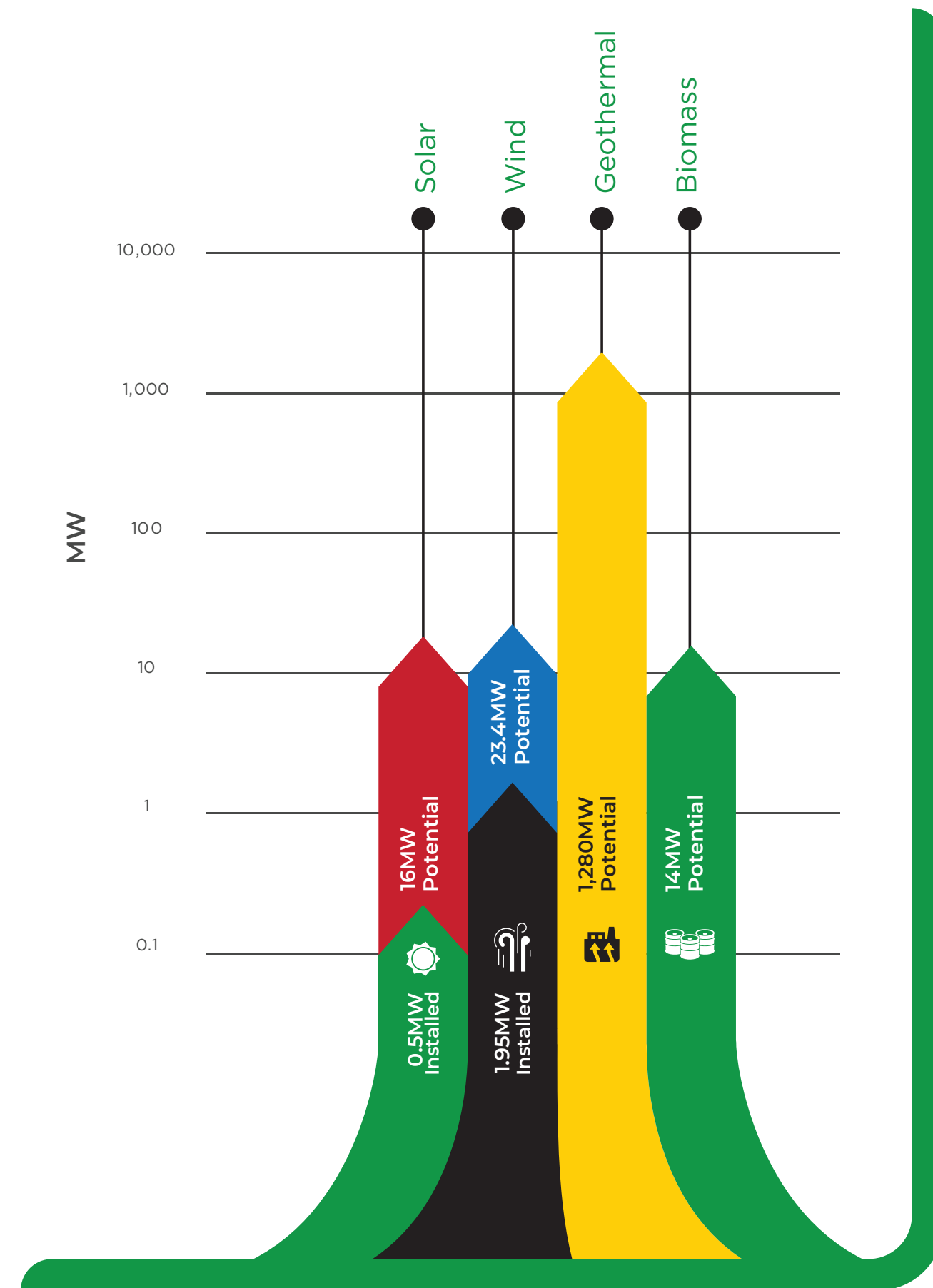
Installed Capacity (MW)



Energy Consumption (MWh)



Renewable Energy Capacity (MW)



Electricity Tariffs

The St. Kitts Electricity Company (SKELEC) ^[21]

RATE CLASS	MONTHLY CONSUMPTION/DEMAND	TARIFF (US\$/kWh)	TARIFF (US\$/kVA)
GENERAL SERVICES	Application for all services and temporary supplies	0.33 (per unit)	
		4.07 (Minimum total)	
RESIDENTIAL	First 50 units	0.21	
	Next 100 units	0.24	
	All units exceeding 150 units	0.25	
	For 15 Amps of fuse rating or part thereof of fuse protecting service \$13.00.		4.81
INDUSTRIAL AND COMMERCIAL	First 50	0.29	
	Next 75	0.28	
	Next 125	0.26	
	All units exceeding 250	0.24	
	Every kvA of demand or part thereof		5.55

Electricity Tariffs

Nevis Electricity Company Limited (NEVLEC) [22] [23]

NEVLEC RATES	DEMAND CHARGE (ENERGY CHARGE)	US\$/UNIT	US\$/kVA	
RESIDENTIAL	First 50 units	0.19		
	Next 75 units	0.18		
	Above 125 units	0.17		
	Standing Charge			
	Consumption up to 120 units	2.66		
	Consumption above 120 units up to 250 units	4.44		
	Consumption above 250 units	6.66		
	Demand Rate = Energy Charge + Standing Charge			
COMMERCIAL	Demand Charge (Energy Charge)			
	First 50		0.19	
	Next 75		0.18	
	Next 125 x kVA units		0.17	
	For the remaining units		0.16	
	Standing Charge (based on cost per kVA = \$4.88) where 1 kVA = 250 units			
	NOTE: Commercial rate include a fuel surcharge			

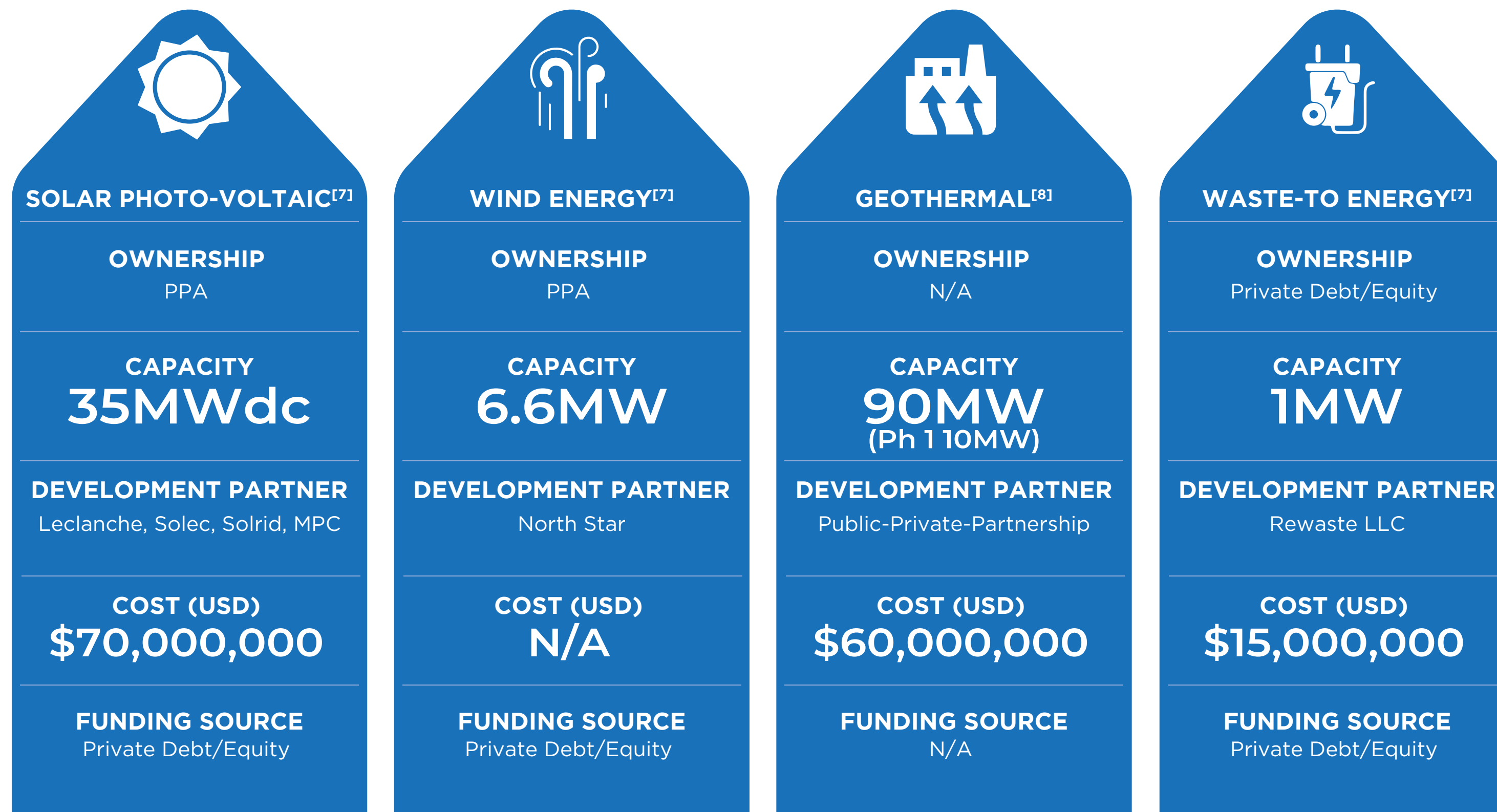
Technical Assistance Projects

There were no reported Technical Assistance Projects for 2021.

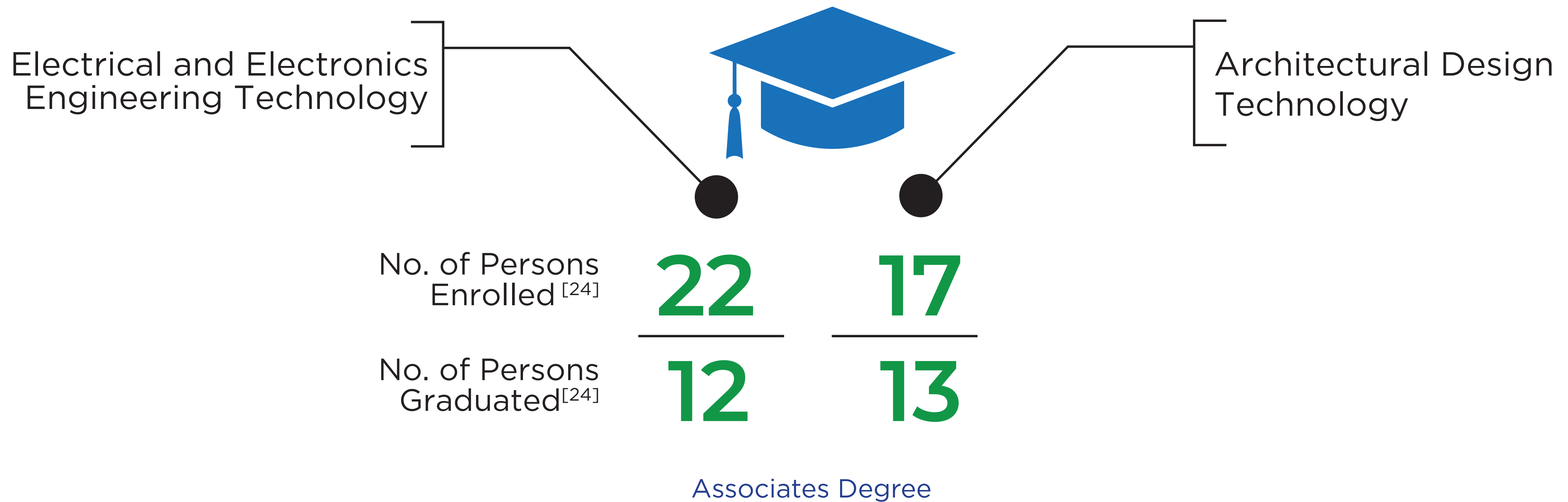
Energy Efficiency Projects

There were no reported Energy Efficiency Projects for 2021.

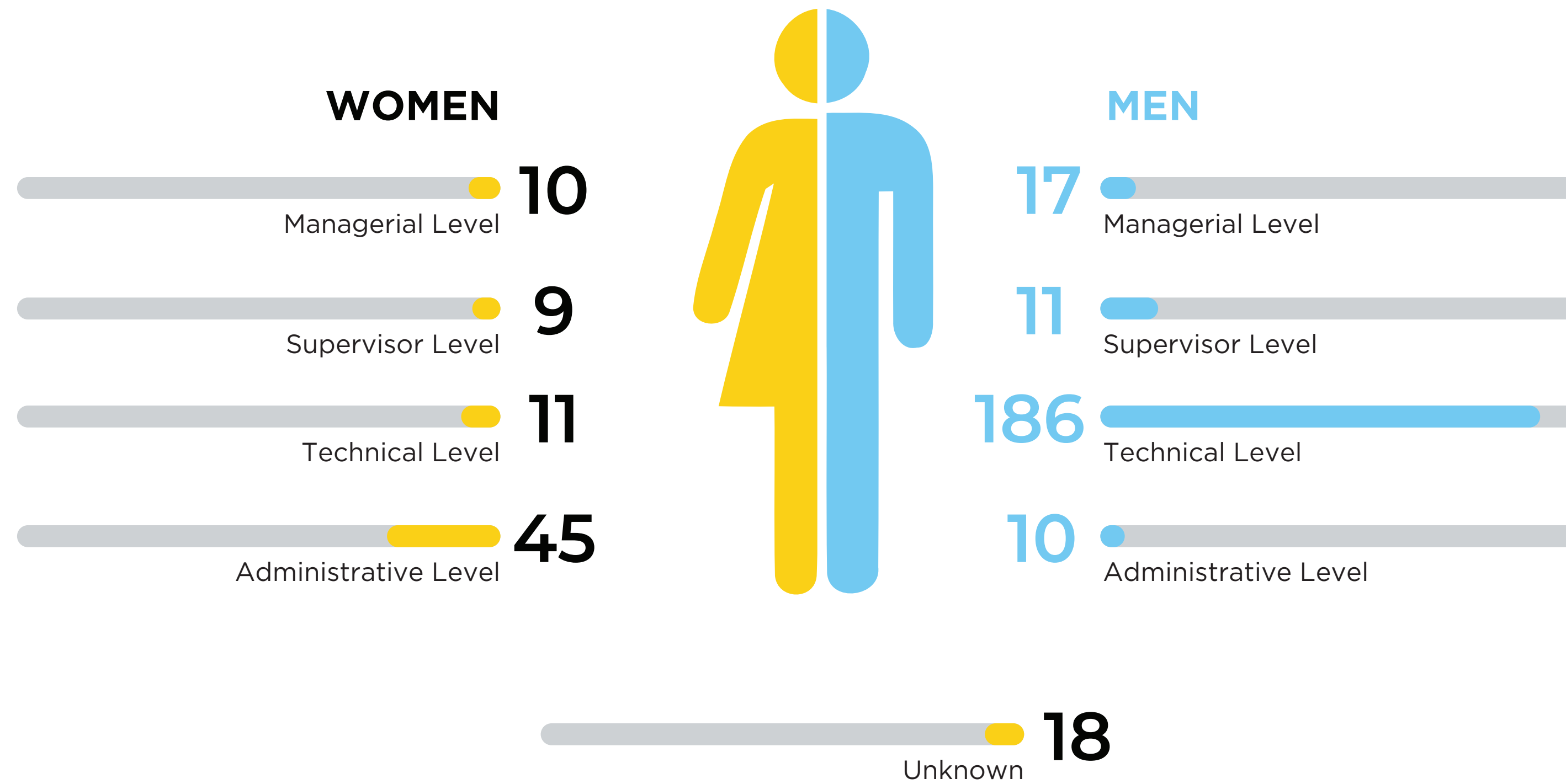
Renewable Energy Projects



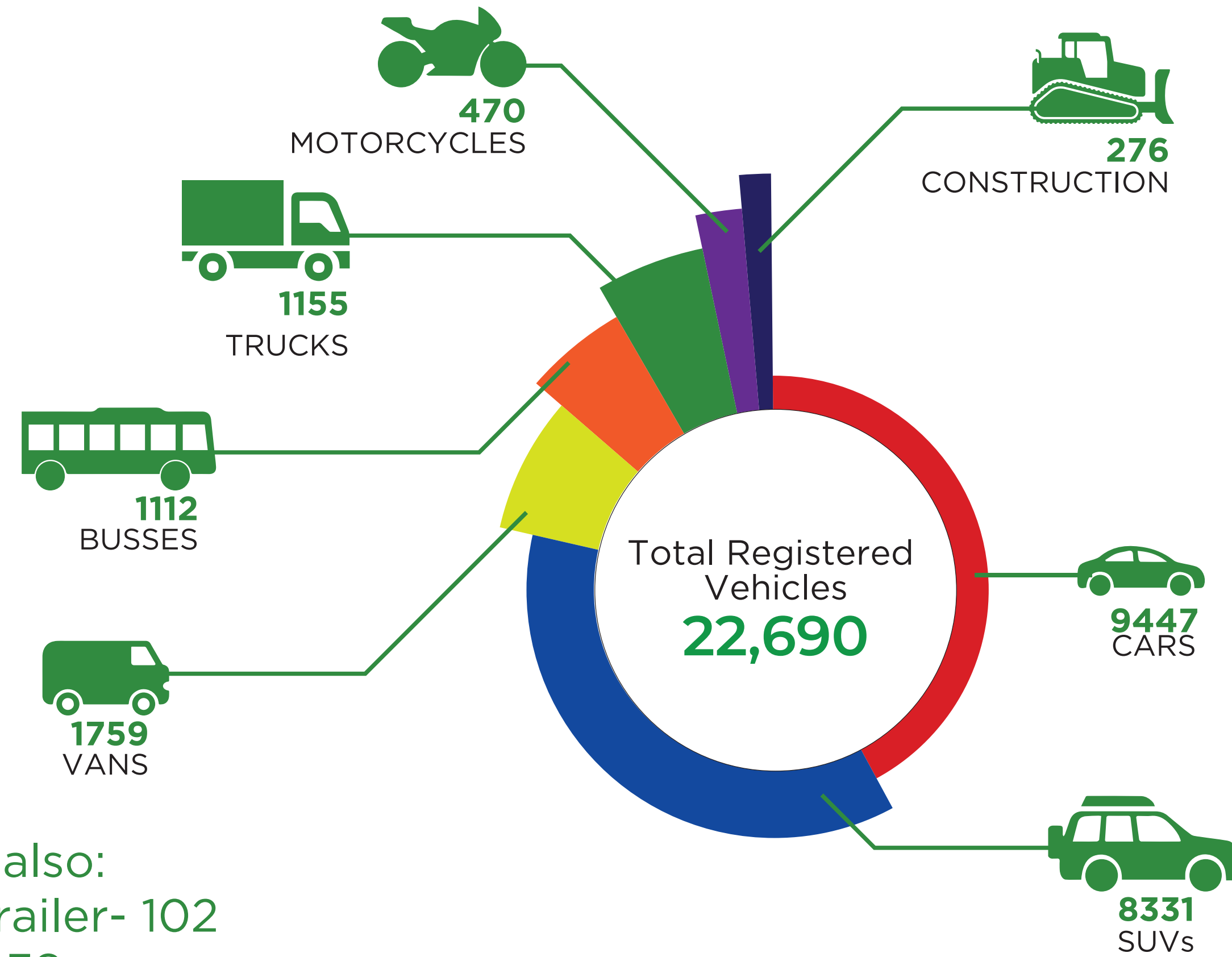
CLARENCE FITZROY BRYANT COLLEGE (CFBC)



No. of Persons employed in the Energy Sector [25] [8]



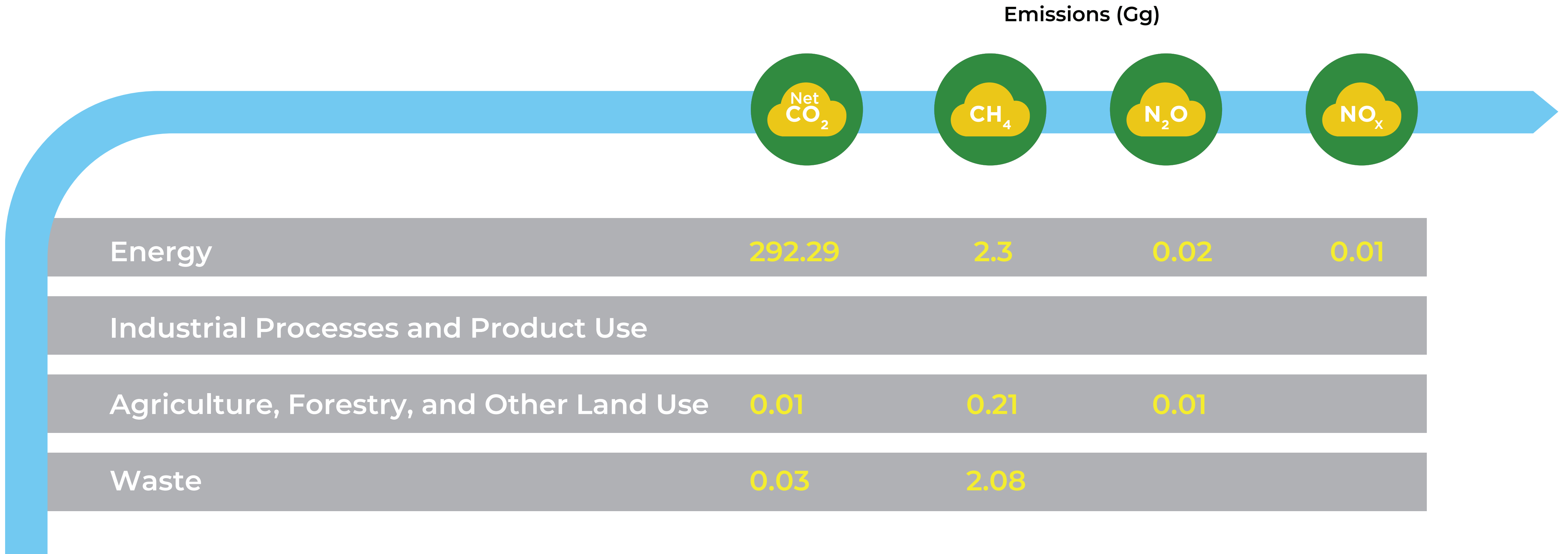
3. Detailed information on the workforce for St. Kitts and Nevis was not available.
4. There were 18 employees from NEVLEC that were not disaggregated



There are also:
Tractor/Trailer- 102
Unknown-38

<p>Climate Change Policy</p>	<p>St. Kitts and Nevis National Climate Change Policy [9] The National Climate Change Adaptation Strategy for Saint Christopher and Nevis [27]</p>
<p>National Determined Contributions ^[6] Emissions Reduction Target</p>	<p>61% total CO2 emissions reduction against a 2010 base year by 2030 [6]</p>
<p>Priority Sectors for NDC</p>	<p>All sectors, with a focus on the energy sector (power generation and transportation) [6]</p>
<p>National Communications (NC) to the UNFCCC</p>	<p>St. Kitts-Nevis Initial National Communication (2001 [28]) The Second National Communications Report of St. Christopher and Nevis under the United Nations Framework Convention on Climate Change (2015) [29]</p>

Summary of St. Kitts and Nevis' GHG Emissions and Removals (Gg) for 2018 ^[30]



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