

ST. VINCENT AND THE GRENADINES

ENERGY REPORT CARD (ERC) FOR 2021



INTRODUCTION

This document presents St. Vincent and the Grenadines' Energy Report Card (ERC) for 2021.

The ERC provides an overview of the energy sector performance in St. Vincent and the Grenadines. 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 Economic and Social Development Plan 2013-2025^[5]

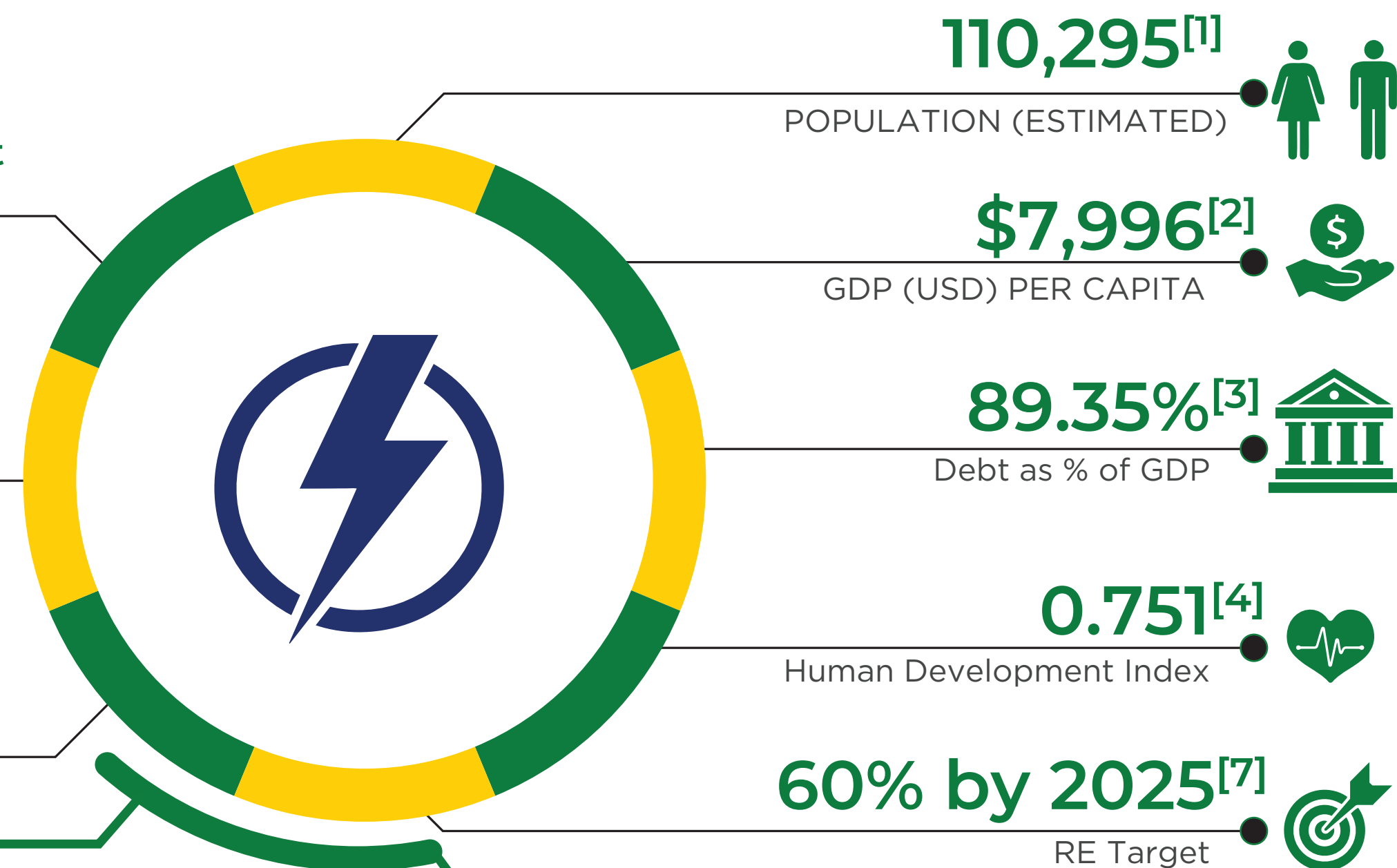
National Development Plan/
Overall Country Development Strategy

St. Vincent and the Grenadines Sustainable Energy for SVG: The Government's National Energy Policy^[6]

National Energy Policy

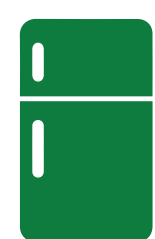
None

Renewable Energy (RE) Policy



National Determined Contributions (NDC)

60% by 2025^{3[10]}

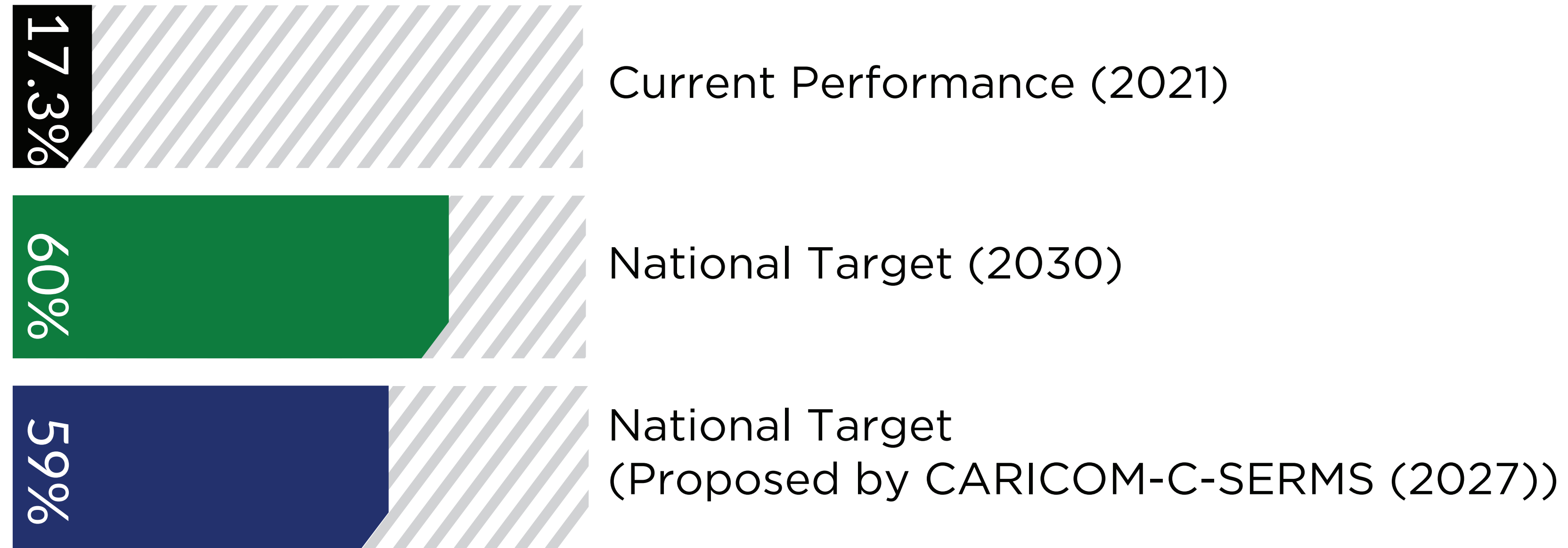


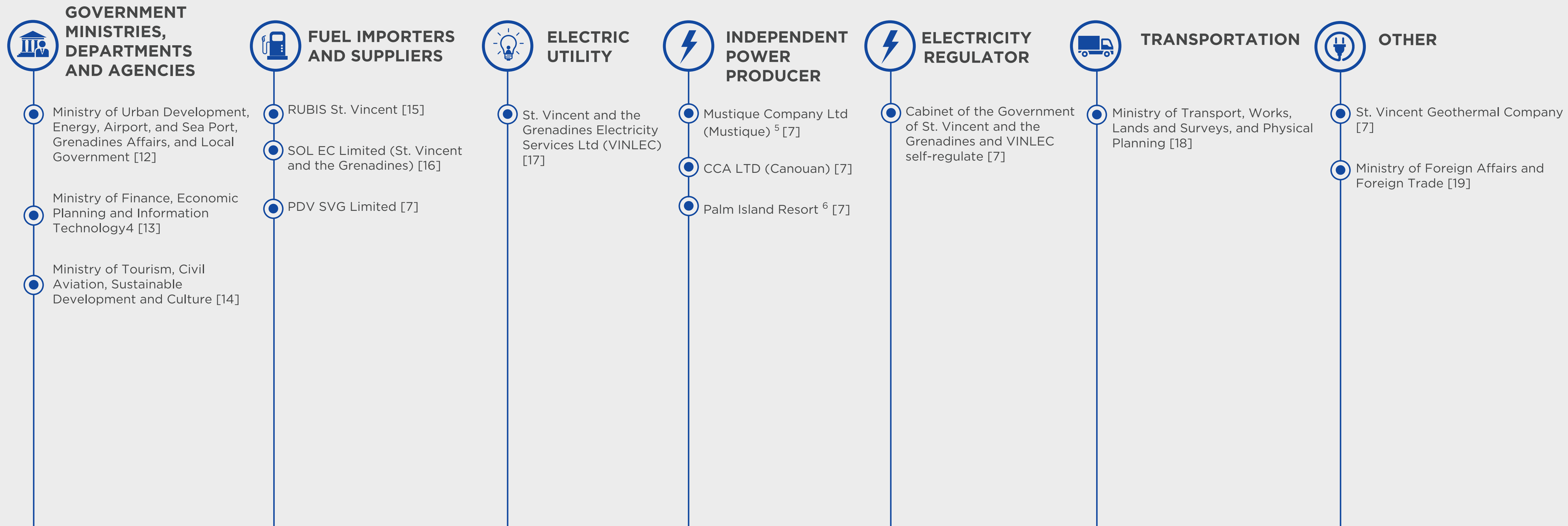
ENERGY PERFORMANCE STANDARDS/APPLIANCE LABELLING
St. Vincent and the Grenadines voluntarily adopts international label standards. A local standard has not been established^[7]

	No. of Persons Employed in Energy Sector	764
	Total Installed Conventional Capacity (MW) ¹	44.88^[8]
	Total Installed RE (MW)	9.39^[8]
	Electricity System Losses (%)	6.67%^[8]
	Energy Use (kWh) Per Capita	1,246.91^[8]
	Fuel and Oil Imports as % of GDP	Not Available
	Oil Imports as % of GDP	Not Available
	Electric Vehicle Stock	5^[7]
	Climate Change Policy	National Climate Change Policy of Saint Vincent and the Grenadines^[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	St. Vincent and the Grenadines Energy Unit^[7]

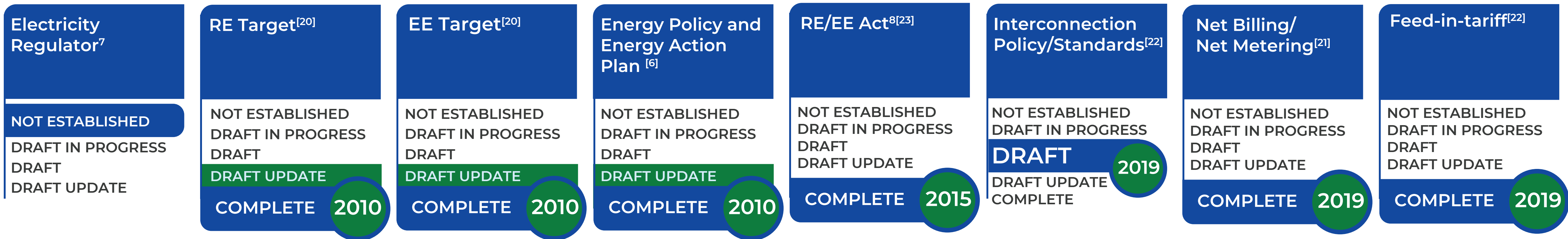
1. The energy data presented represents the islands of St. Vincent, Bequia, Union Island, Mayreau and Canouan
2. The energy data presented represents the islands of St. Vincent, Bequia, Union Island, Mayreau and Canouan
3. Updated in 2022 to 60% by 2022 [7]

Performance Against Targets





4. The Ministry of Finance, Economic Planning and Information Technology directly supervises fuel prices.
 5. Mustique is a private island.
 6. Palm Island Resort is located on the private island Palm Island.



Policies and Legislation Relevant to the Energy Sector

KEY ACHIEVEMENTS

PLR Framework Timeline For Electricity Sector

1979	Electricity Supply Act (ESA) ^[7]
2009	Electricity Supply Act Chapter 404 ^[7]
2009	Electricity Supply (Agreement) Act 405 ^[7]
2017	Integrated Resource Plan ^[24]





LEGISLATION

Customs Controls and Management Act No. 14 of 1999 [26]

Value Added Tax Act, 2006 [27]

Excise Tax Act Chapter 430 No 16 of 2007 [28]

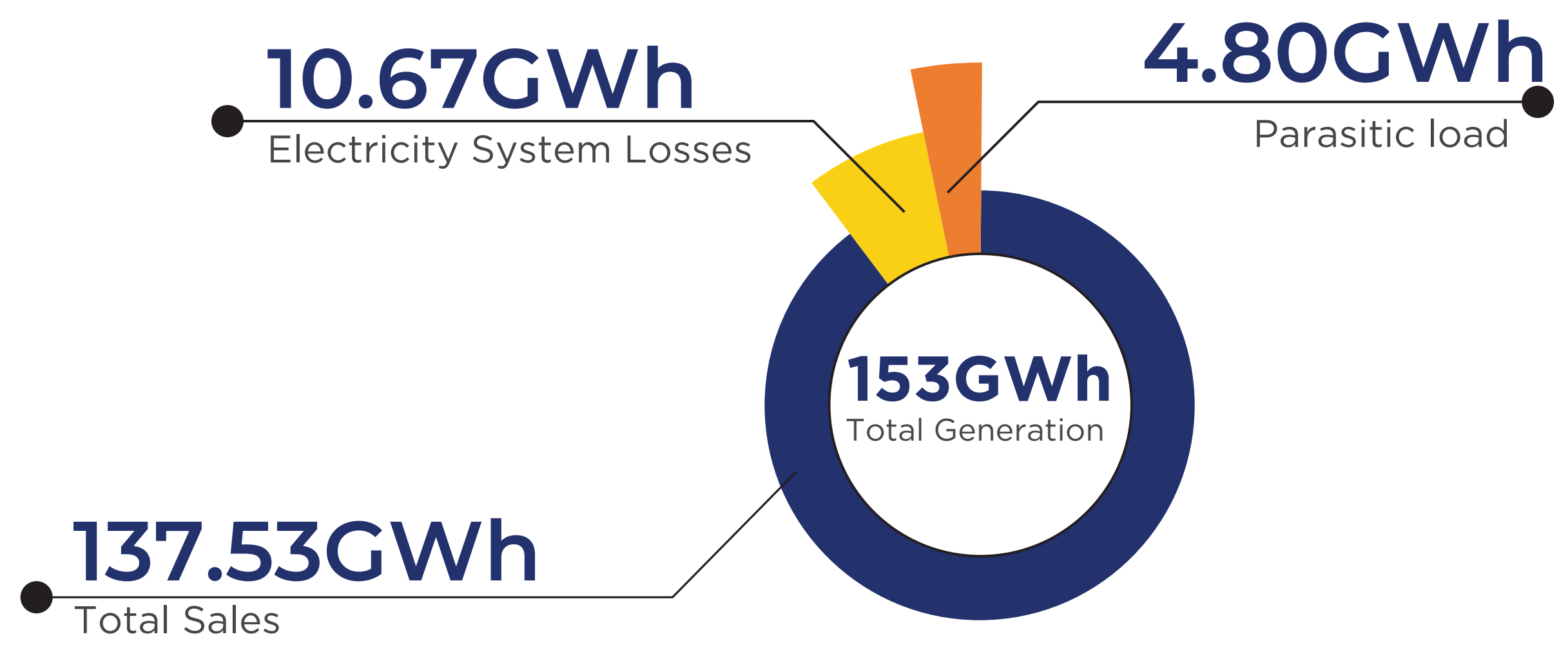
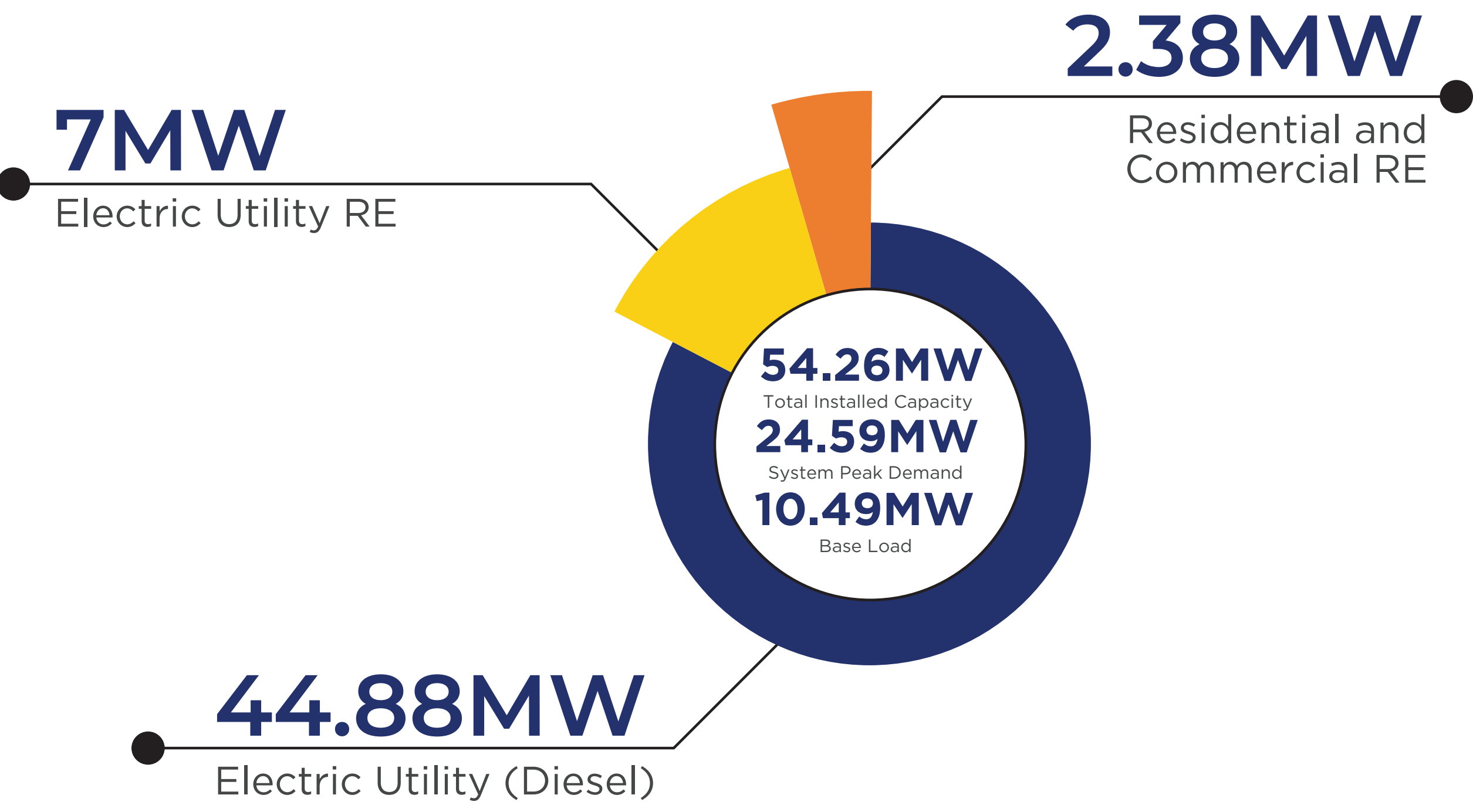


POLICIES

Electric Vehicle Policy (Draft) [7]

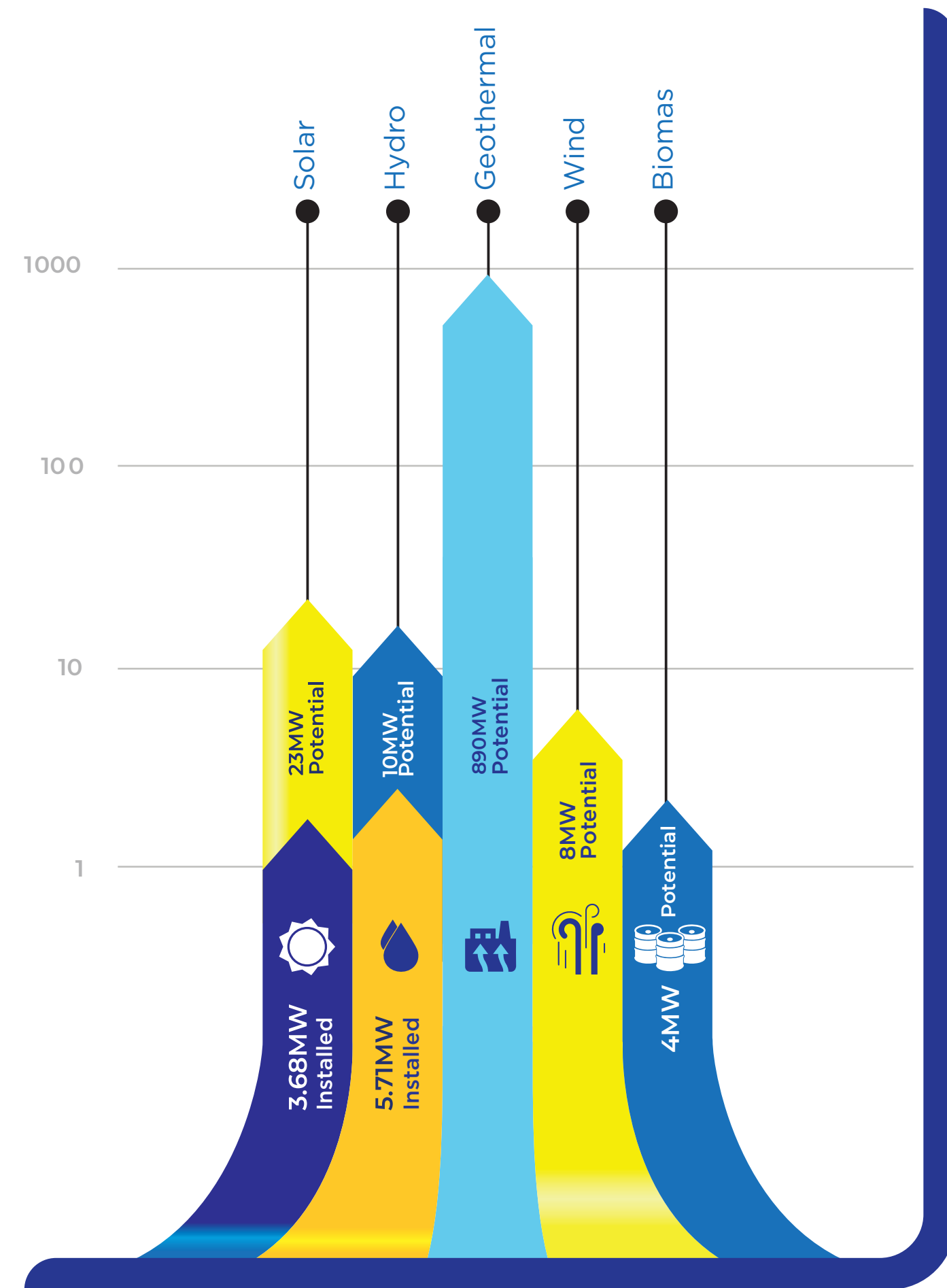
Installed Capacity (MW)

Energy Consumption (GWh)



9. The energy data presented represents the islands of St. Vincent, Bequia, Union Island, Mayreau and Canouan 2019

Renewable Energy Capacity (MW)

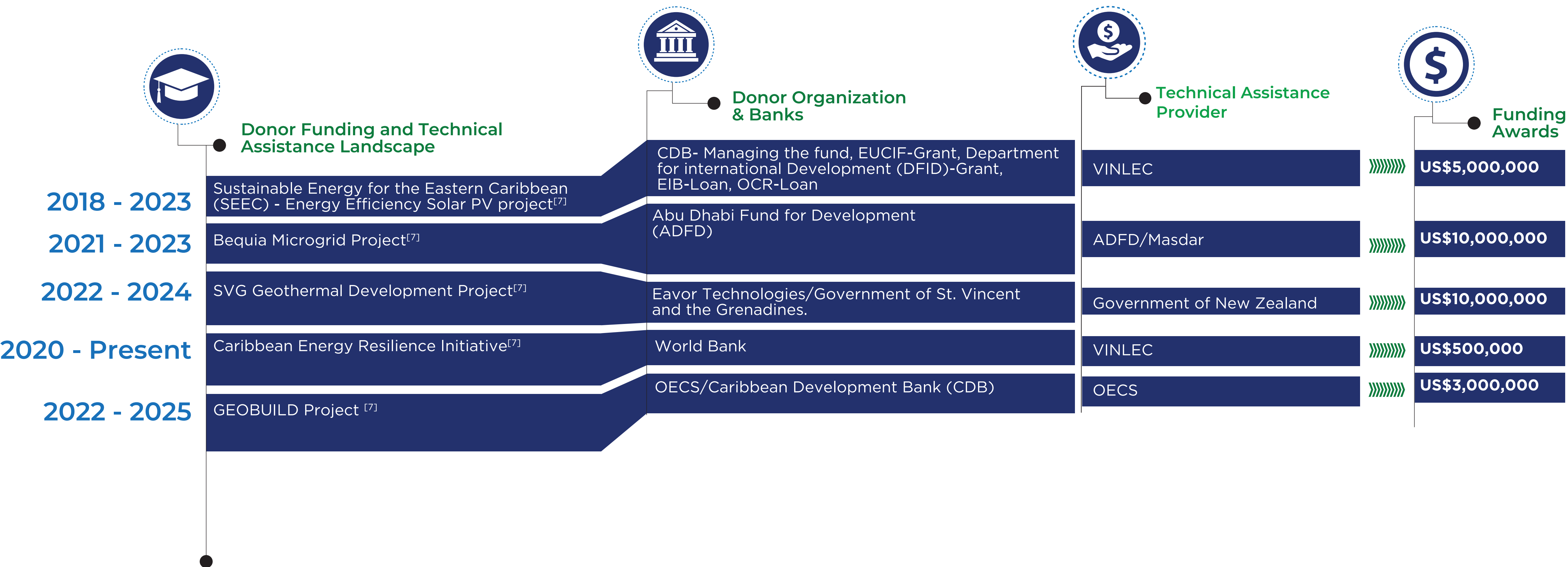


Electricity Tariffs¹⁰

	CONSUMPTION (kWh)	TARIFF INCLUDING SURCHARGE / (US\$/kWh)
DOMESTIC	0 - 17	1.85 ¹¹
	18 - 50	0.16
	Over 50	0.19
COMMERCIAL	0 - 27	5.55 ¹²
	28 - 150,000	0.20
	150,001 - 200,000	0.19
	More than 200,000	0.18
INDUSTRIAL	0 - 150,000	0.16
	150,001 - 200,000	0.15
	More than 200,000	0.14
STREETLIGHTS	All Units	0.21

10. A monthly fuel surcharge rate is applied to the final monthly bill for all rate classes and 16% VAT on all units consumed over 150 kWh for domestic customers while 16% VAT on all units for all other rate classes.
 11. Rate per month
 12. Rate per month

Technical Assistance Projects










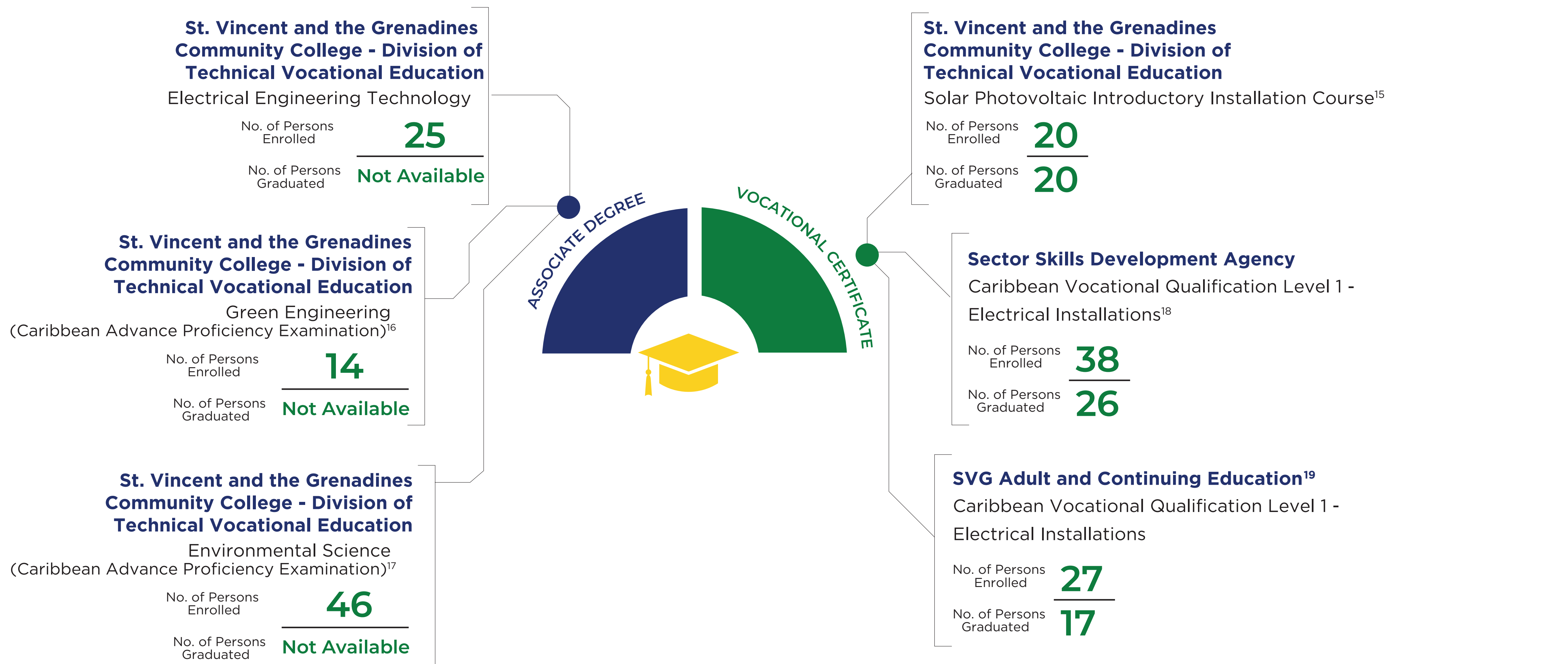
Energy Efficiency Projects

ENERGY EFFICIENCY	STREET LIGHTING	PUBLIC BUILDINGS
Old/Existing Infrastructure (Number/Size)	0 High Pressure Sodium (HPS) streetlights remaining in service. All have been replaced with LEDs. ^[7]	Buildings deemed eligible for the implementation of EE measures/retrofits. Project is currently ongoing. ^[7]
Energy Audits (Yes/No)		Yes
Change in Old/Existing Infrastructure Expected in Upcoming Calendar Year (Number/Size)	2021 ¹³	

13. This project was completed in 2021 as a component of SEEC.

Renewable Energy Projects

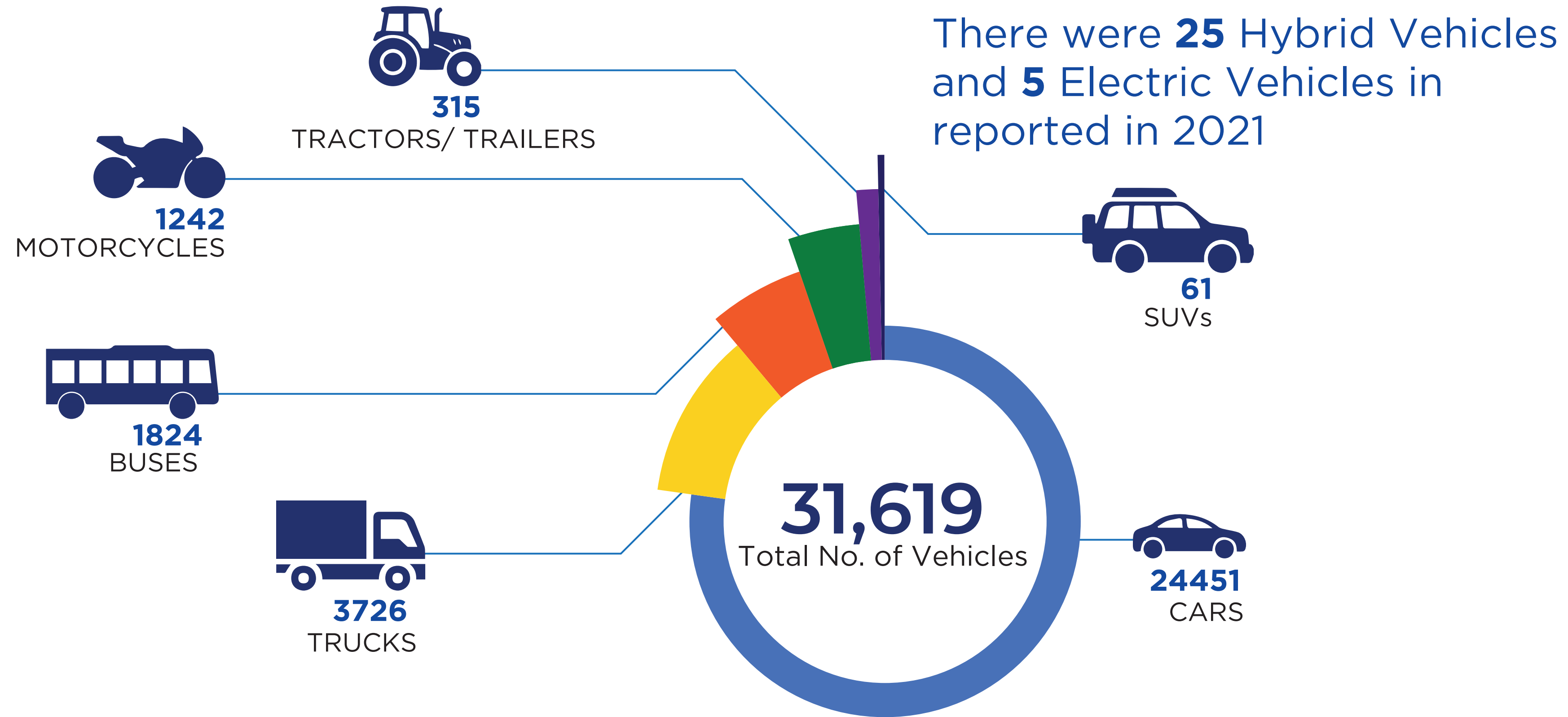
Project Type	Ownership	Capacity	Development Partner	Cost (USD)	Funding Source
 SOLAR PHOTO-VOLTAIC ^[7]	Public	6.2MW	Not Available	Not Available	Government of SVG
 SOLAR PHOTO-VOLTAIC ^[7]	Public	30kW	Caribbean Community Climate Change Centre	Not Available	UNEP/GEF
 SOLAR PHOTO-VOLTAIC ^[7]	Public	40kW	Caribbean Community Climate Change Centre	Not Available	UNEP/GEF
 SOLAR PHOTO-VOLTAIC ^[7]	Public	600kW <small>Argyle Solar Expansion¹⁴</small>	N/A	Not Available	CDB
 SOLAR PHOTO-VOLTAIC ^[7]	Public	1.2MW	ADFD	\$12,000,000	ADFD
 GEOTHERMAL ^[7]	PPA	10MW	Eavor Technologies/Government of St. Vincent and the Grenadines.	\$10,000,000	Eavor Technologies/Government of St. Vincent and the Grenadines.
 HYDRO ^[7]	Utility Owned	7MW	VINLEC	Not Available	VINLEC



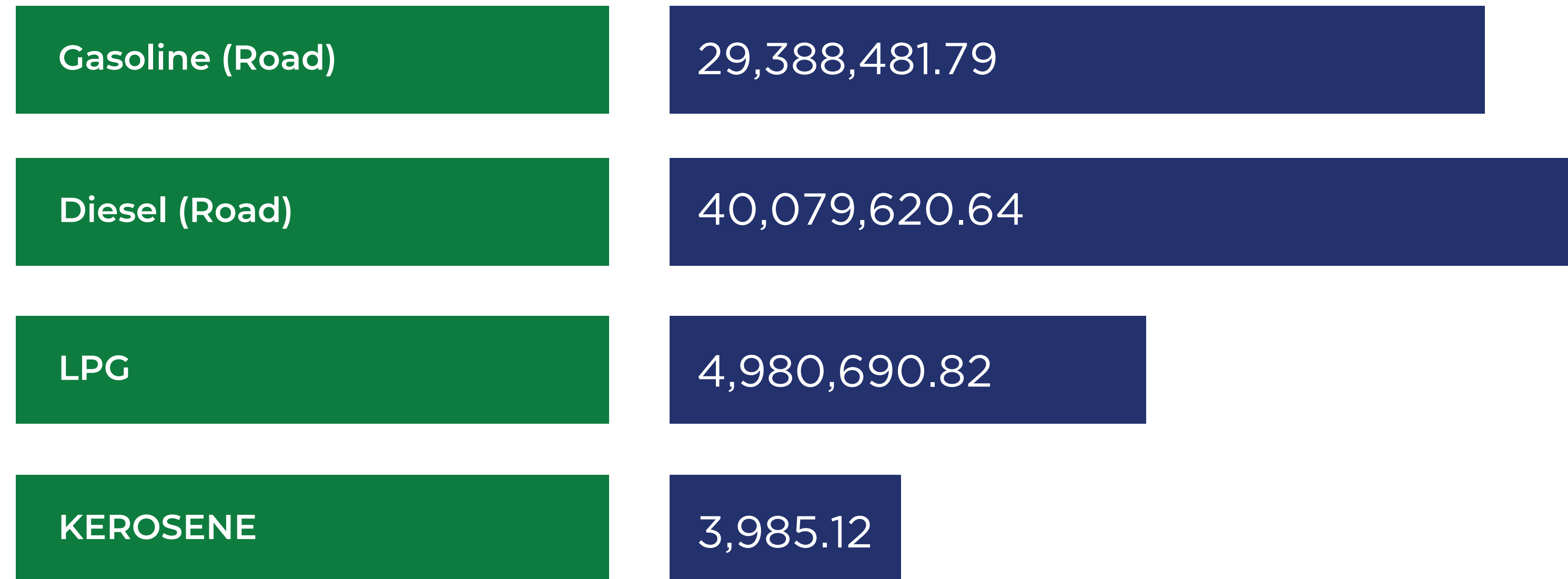
Persons Employed in the Energy Sector



Registered Vehicles



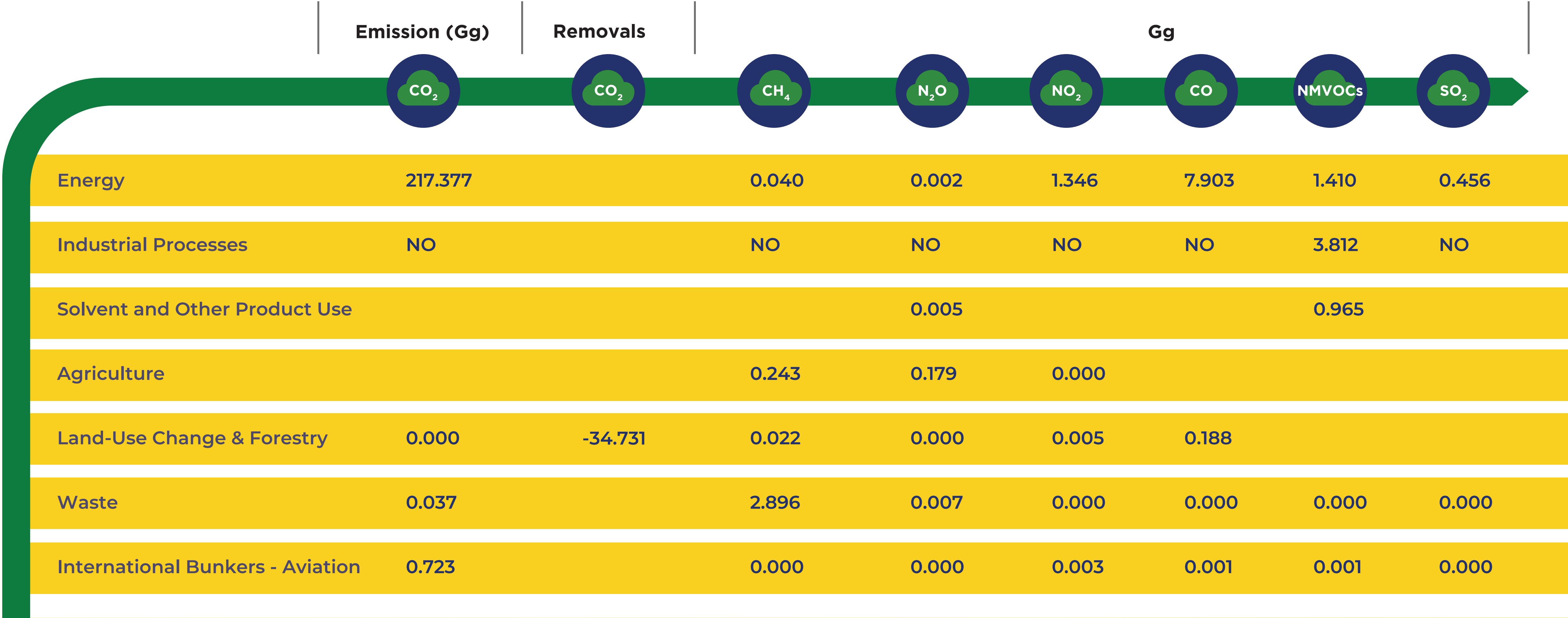
Fuel Types Used for Transportation (kg)



National Climate Change Policy of Saint Vincent and the Grenadines [9]

Climate Change Policy	National Climate Change Policy of Saint Vincent and the Grenadines [9]
National Determined Contributions	60% by 2025 ²⁰ [10]
Emissions Reduction Target	An unconditional, economy-wide reduction in greenhouse gas (GHG) emissions of 22% compared to its business as usual (BAU) scenario by 2025. [10]
Priority Sectors for NDC^[10]	Energy (including domestic transport) Industrial processes and product use Agriculture Land use, land use change and forestry Waste
National Communications (NC) to the UNFCCC	Initial National Communication on Climate Change St. Vincent and the Grenadines [34] Second National Communication on Climate Change Saint Vincent and the Grenadines [35]

Summary of St. Vincent and the Grenadines' Greenhouse Gas Inventory for 2004 [35]



20. Updated in 2022 to 60% by 2022 [7]
*NO means not observed

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