

About Castalia—a few assignments in the region

CARICOM

Sustainable energy paths for RE, EE, LNG, and EVs

Caribbean

LNG feasibility

Bermuda

Electricity law & regulations
6MW solar tender

Cayman Islands

National Energy Policy

Anguilla

RE regulation

Barbados

Sust. Energy Framework

Belize

Sustainable energy framework

Jamaica

WRB IPP
20MW solar

Eastern Caribbean

Geothermal development strategy

Trinidad & Tobago

LNG market scoping

LAC Region

Benchmarking system for 100 electricity utilities

Suriname

Energy Sector Plan

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Marketplace: wind and solar dominate projects (2018-19)

Cuba

- 62MW Ciro Redondo Sugar Mill
- 5.5MW Chambras Solar Park
- 4.4MW Prada II Solar Park
- 3.8MW Cardenas I Solar Park
- 1.3MW Sancti Spiritus Solar Park

Dominican Republic

- 50MW Agua Clara Wind Park
- 34MW Matafongo Wind Park
- 48MW Larimar II Wind Farm
- 56MW Monte Cristi I Solar PV Farm

Martinique

- 14MW Grand-Riviere Wind Park
- 40MW Albioma Biomass Plant

Jamaica

- 51MW Solar PV Paradise Park

Montserrat

- 250kW MUL Solar Project

Guadeloupe

- 3.3MW Saint-Rose Solar PV

St. Lucia




- 3MW LUCELEC Solar Farm
- 200kW Solar PV Demo Project

To access the Marketplace, visit:

<https://castalia-advisors.com/>

Marketplace: projects under construction


Cuba

-  62MW Mario Munoz Sugar Mill
-  50MW Mariel Solar PV Park
-  52MW Herradura I; 52MW Herradura II







Bermuda

-  6MW Airport solar

Guadeloupe

-  34MW Albioma Caraibes biomass conversion

Dominican Republic

-  46MW Puerto Plata-Imbert Wind Park
-  57MW Los Guzmancito Wind Farm
-  50MW WCG PV Park
-  30MW Monte Plata Solar II
-  25MW Canoa Solar Park
-  5MW Sabana Grande Solar PV Plant Phase II

Tracking progress on geothermal expected in early 2020s

 **Nevis—10MW**
 Aug. 2019: Drilling contractor selected

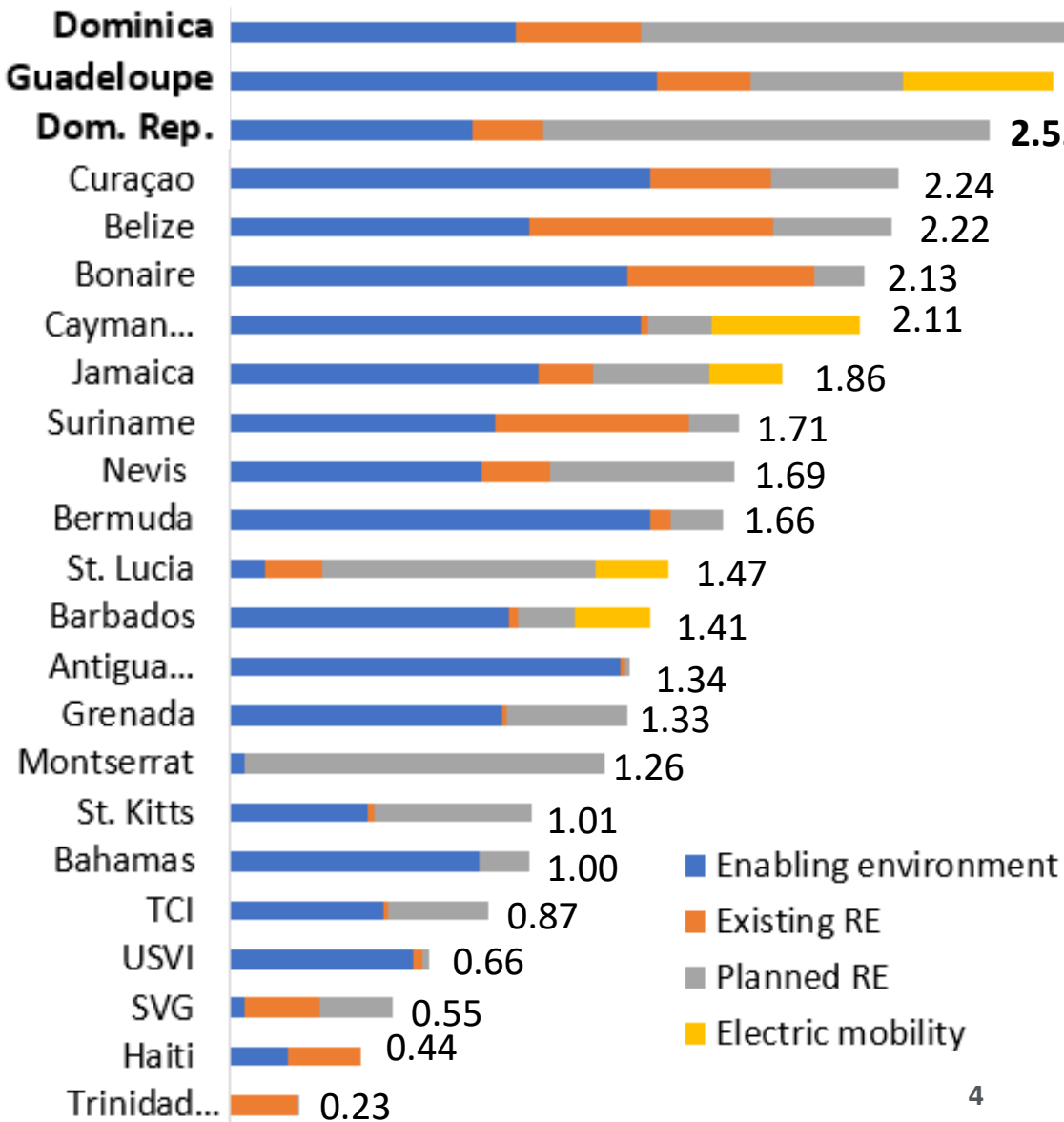
 **Montserrat—3.5MW**
 Oct. 2018: DFID agreed to fund next phase

 **Dominica—7MW**
 Oct. 2019: Well testing began
 March 2019: \$27 million WB funding approved for construction

 **St. Lucia—30MW**
 March 2018: ESIA reports released

 **St. Vincent & the Grenadines—10MW**
 May 2019: Exploratory drilling began

RE Island Ranking



1. Dominica

Enabling environment: 3.2

Existing RE generation: 28%

Planned RE generation: 7MW geothermal



2. Guadeloupe

Enabling environment: 4.77

Existing RE generation: 21%

Planned RE generation: 34MW biomass



3. Dominican Republic

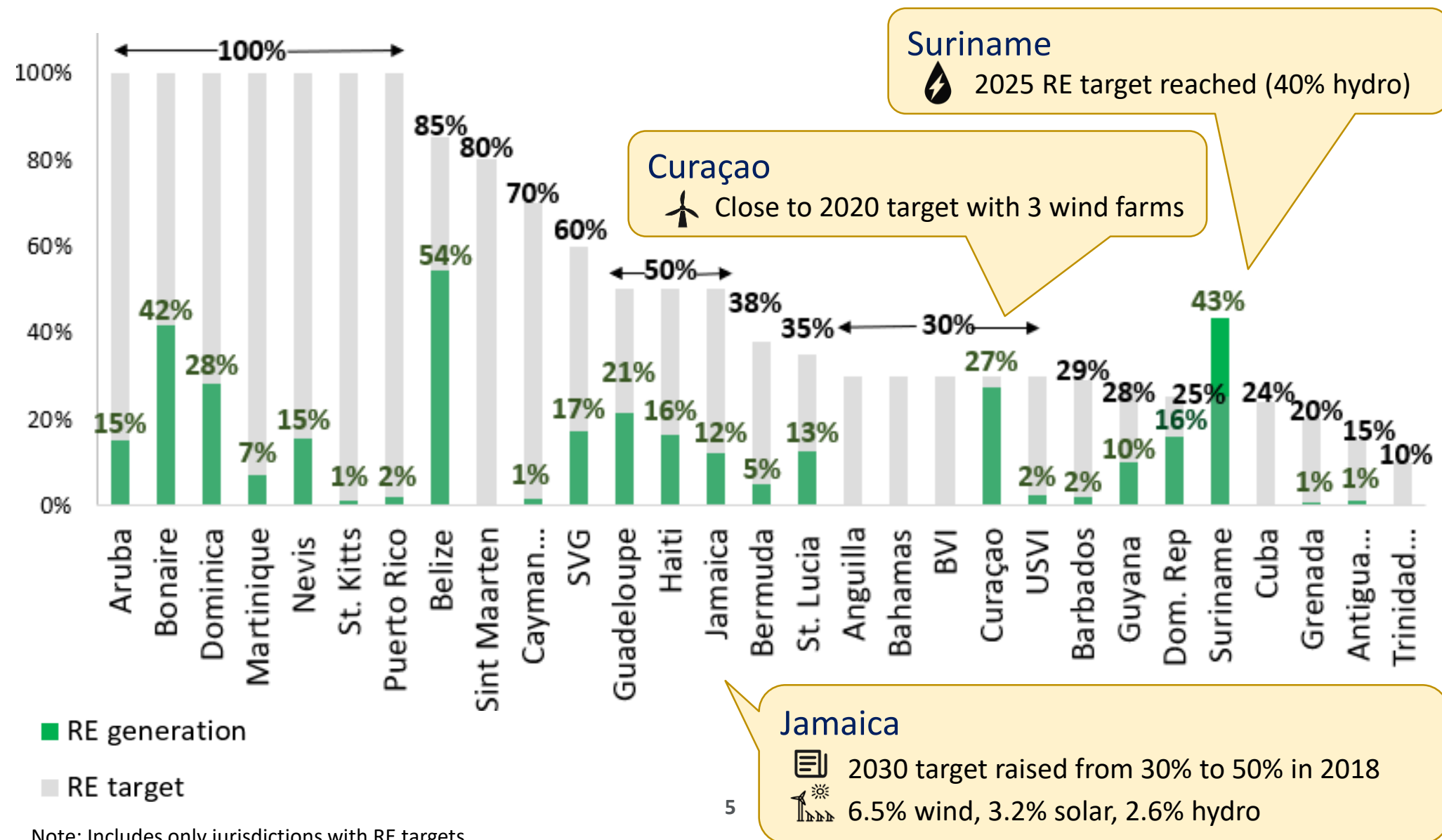
Enabling environment: 0.81

Existing RE generation: 16%

Planned RE generation: 350MW mostly solar PV

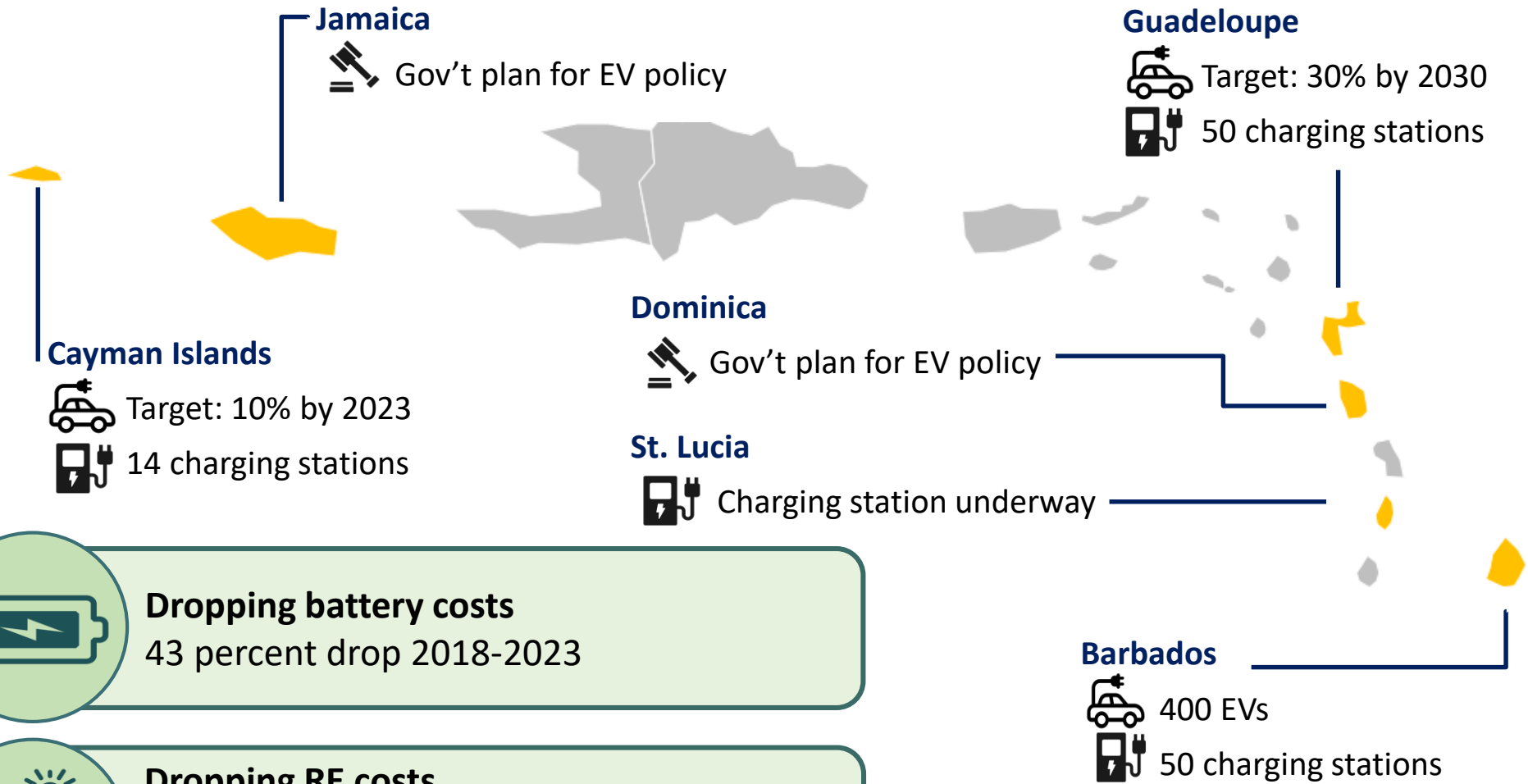


Tracking progress towards RE targets




Note: Includes only jurisdictions with RE targets

Turning point for EVs expected around 2023



 **Dropping battery costs**
43 percent drop 2018-2023

 **Dropping RE costs**

- 8 percent drop for solar PV 2018-2020
- 13 percent drop for wind 2018-2020