

CARIBBEAN



Haiti

GDP: **\$8.7bn**

Five-year economic growth rate: **5.6%**

Population: **10.5m**

Total clean energy investments, 2009-2014: **\$0.0m**

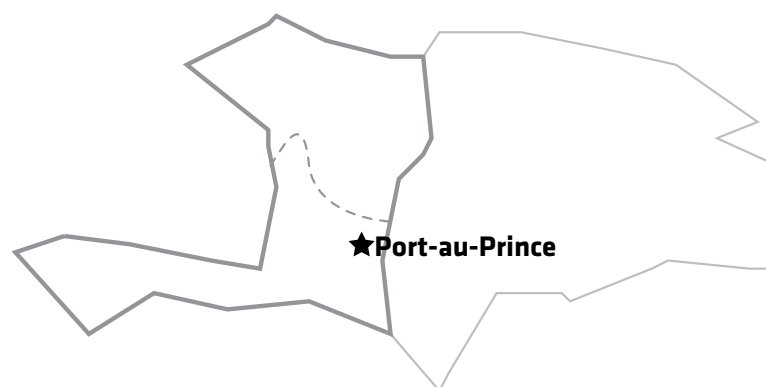
Installed power capacity: **254.6MW**

Renewable share: **24.9%**

Total clean energy generation: **0.2GWh**

Top energy authority:

Ministry of Public Works, Transportation and Communications



OVERALL RANKING
2014 2015

OVERALL SCORE
2015

45 45 0.64

PARAMETER	RANKING	SCORE
I. Enabling Framework	39	0.89
II. Clean Energy Investment & Climate Financing	45	0.24
III. Low-Carbon Business & Clean Energy Value Chains	32	1.32
IV. Greenhouse Gas Management Activities	55	0.07

SCORE SUMMARY

Haiti's 0.64 overall score in *Climatescope* 2015, while slightly lower than the 0.73 recorded in 2014, was sufficient to retain its 45th-place position.

Haiti's progress was blocked by poor performance on the Green Micro Finance Category of Clean Energy Investment and Climate Financing Parameter II. It also was hampered by adverse scoring on the Average Cost of Debt Indicator of Parameter II.

On Enabling Framework Parameter I, Haiti in 2015 repeated its 39th-place ranking from 2014. Its 2015 and 2014 Parameter I scores were 0.89 and 0.92, respectively.

On Clean Energy Investment and Climate Financing Parameter II, Haiti's ranking fell from 37th to 45th place. Its 2015 Parameter II score of 0.24 compares with 0.38 recorded in 2014.

On Low-Carbon Business & Clean Energy Value Chains Parameter III, Haiti in 2015 scored 1.32, ranking it 32nd. Its 2014 metrics were a 1.58 score and a rank of 28.

On Greenhouse Gas Management Activities Parameter IV, Haiti in 2015 repeated its last-place rating from 2014. Its score was 0.07 in both years.

For further information, access www.global-climatescope.org/en/country/haiti

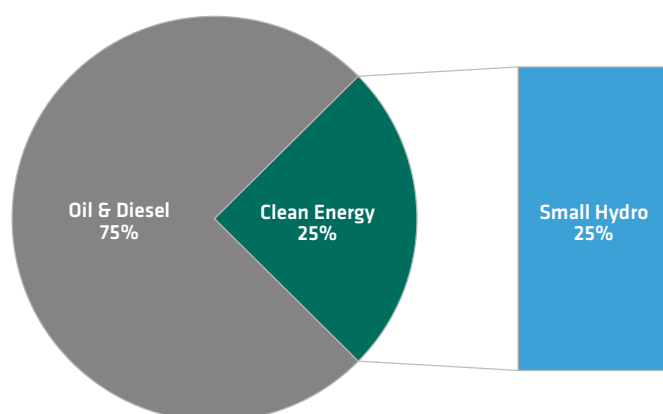
OVERVIEW

Haiti is slowly recovering from the 2010 earthquake by rebuilding its economy and infrastructure. In the process, improving access to energy plays a crucial role. In terms of utility-scale power generation, grants and projects have focused on restructuring Haiti's national power company, Electricité d'Haiti (EDH). On the small-scale side, microgrid projects have started to appear; the first three started operation in 2015.

Haiti has around 311MW of installed generating capacity, with the bulk of it (80%) from fossil-fueled plants. The remaining 20% comes from the Péligre hydro plant, currently undergoing restoration work, and other hydro plants. EDH owns 44% of the generation in Haiti and is also responsible for transmission and distribution on the island. Today, given infrastructure limitations, EDH is able to power Haiti's capital, Port-au-Prince, and a few cities nearby, but only intermittently. Meanwhile, diesel generators, kerosene lamps and other off-grid energy is widespread in the country.

INSTALLED POWER CAPACITY BY SOURCE, 2014 (%)

254.6MW total installed capacity



Source: Bloomberg New Energy Finance, Institut Haitien de Statistique et d'Informatique

All of this has created opportunities for clean distributed generation and the implementation of microgrids, especially in areas where EDH does not reach. With the help of a USAID grant, in 2015 Haiti's first microgrid started operation in the south of the country and providing solar-powered electricity to about 450

families in the city of Les Anglais. The system also counts on batteries to ensure reliability and smart meters support system stability while allowing customers to pre-pay for electricity. Since then, two other microgrids have started providing electricity, and are projected to serve 1700 customers.

While Haiti does not have a specific legislation regarding microgrids, private companies are seeking opportunities to expand distributed generation in the island. The firm that installed the Les Anglais microgrid has made a commitment, along with UN's Sustainable Energy for All program, to install another 80 such projects in Haiti. Additionally, various start-up companies on the island are providing small lighting and energy systems from solar, biomass and mini-hydro.

CLEAN ENERGY VALUE CHAINS BY SECTOR

Sector / Quantity	Available Sub-Sector, Unavailable Sub-Sector
Biomass & Waste 	Efficient Cookstoves, Other
Small Hydro 	Mini Energy Systems, O&M
Solar 	Small Lighting Devices, Mini Energy Systems
Wind 	Mini-wind
Storage 	Battery banks

Source: Bloomberg New Energy Finance

Note: Uncolored icons, on the left, refer to each sub-sector of a complete value chain for a given sector, spelled out on the right. Colored icons represent the number of available sub-sectors for a given clean energy sector value chain. Bold text, on the right, illustrates at least one organization in that sub-sector is active in the country.