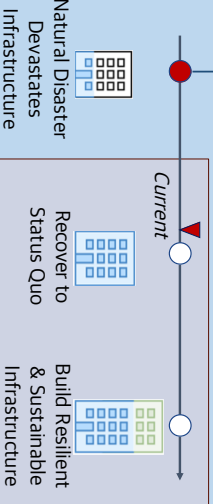


Context

In September 2017, Hurricanes Irma and Maria devastated Puerto Rico's energy infrastructure, causing the worst blackout in US history with 3.4Bn hours of electricity lost



Problem Statement

EDF has deep expertise in engaging private sector stakeholders to address complex environmental, social and governance (ESG) issues. Through its **Sustainable Finance Team**, EDF seeks to establish itself as an influential partner in mobilizing financing for **rebuilding resilient and sustainable energy infrastructure** in Puerto Rico.

Current State

Capital investment and technical support committed to rebuilding Puerto Rico's energy infrastructure are **inadequate** to meet desired resilience and sustainability standards.

Desired State

Puerto Rico has access to **sufficient capital and technical support** to rebuild energy infrastructure with **improved resilience** against natural disasters and **low carbon intensity** in-line with the Paris Climate Accord.

Project Approach

Determine pathways for EDF to mobilize financing to **rebuild resilient and sustainable energy infrastructure in Puerto Rico**



Identify rebuild options that meet both resiliency and sustainability standards

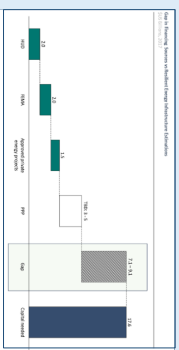


Explore potential sources of capital to close the financing gap for rebuild



Propose action plan for EDF based on scenario analysis around financial, political and economic uncertainty

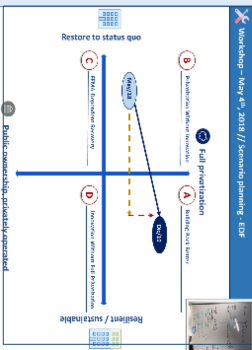
Analysis & Key Insights



Financing Gap Analysis

Current financing gap of at least **\$7.9bn** after federal funding and initial private project proposals. **PROMESA fast-tracking and PPP framework** are key to attracting future development projects

Scenario Planning Tool



Scenario Planning Tool

EDF should act on a **18-month** timeline to make progress on its objectives. They should play a role in **educating stakeholders** and in providing a **credible path to help deploy capital**

Impact vs Feasibility Matrix



EDF should **prioritize its efforts** and focus on **3 initiatives**: (i) pilot microgrids with influential local stakeholders; (ii) build public trust and mobilize communities; and (iii) aggregate, assess and elevate innovative pilots



Recommendations: Priority Initiatives

Pilot Microgrid with Influential Local Partner

EDF can mobilize influential local stakeholders to partner on a microgrid pilot

Build Public Trust and Mobilize Communities

EDF, as a neutral party, can assess public sentiment and share those findings to help heal the divide

Aggregate, Assess and Elevate Innovative Pilots

By aggregating and analyzing innovative pilots, EDF can shine a light on potential investment opportunities

Impact

Feasibility

Consider opportunities to work with Puerto Rican corporate energy consumers on the development of a microgrid pilot

Launch a **PR** campaign on transitioning to clean energy that elevates **community** interests and concerns

Employ its **technical and community-engaging expertise**, and partner with organizations like **Impact Experience**

Develop pilot assessment framework

Craft proposal to share with policy and community stakeholders

Develop platform and framework for tracking and analyzing completed and ongoing pilots

Next Steps

Our team



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