



Aerial view of a large solar farm at sunset. The sun is low on the horizon, casting a golden glow over the rows of solar panels. The sky is filled with soft, wispy clouds. In the foreground, there are some structures and a fence, suggesting an industrial or construction site. The overall scene is peaceful and highlights the scale of the solar project.

# Project Lara Case Study

CCPPP Presents: Investing in a Resilient Future for the Caribbean

# Agenda

- Introduction – Investments in renewables increase
- Lightsource bp – An overview of our business
- Project Lara – Case Study
- Q&A



Introduction: Investments in renewables increase

Green energy funds top league table in banner year for ESG

## Renewable Energy Stocks See Record Investments

Eight energy majors agree energy transition principles, action on emissions



Solar is now 'cheapest electricity in history', confirms IEA



Big Oil 'cannot have its cake and eat it' with energy transition spin-offs: HSBC

Renewable energy stocks had a record year — here's what Wall Street sees for 2021



Clean energy stocks are soaring



# Lightsource bp

# Leading solar development

For 10 years

## Highlights today:



### 3GW

utility scale solar projects developed to date



### 14

countries



### 16GW

global project development pipeline



### 500+

team members

...and into the future

## Our sustainability framework:

**Create a positive social impact**  
for our people, partners and communities



People

**Solar power for our world**



Environment

**Continue to be climate conscious**

as we grow our business

- Continue decarbonizing across our business
- Reducing waste
- Protect ecosystems and biodiversity



Energy

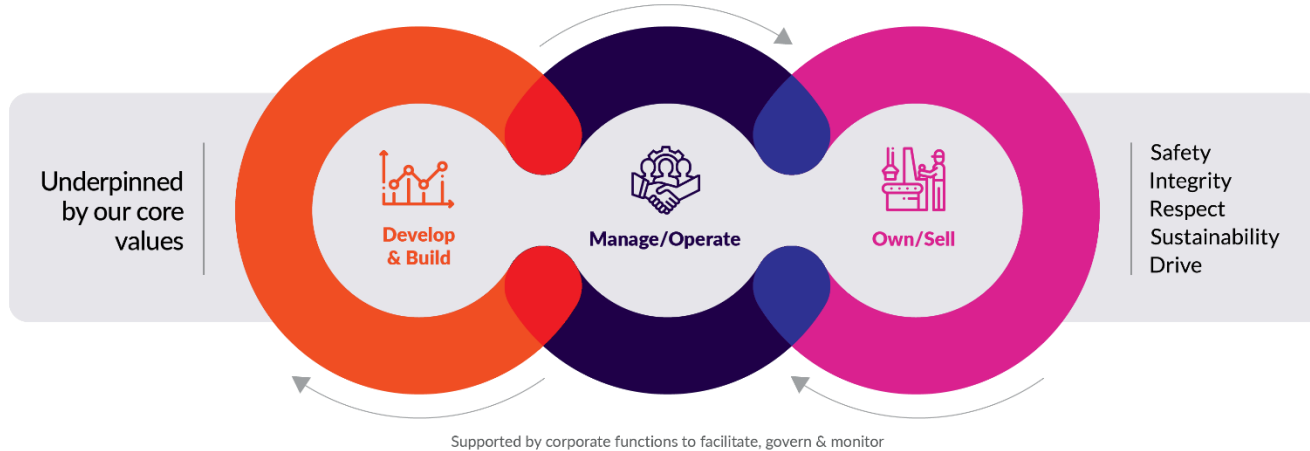
**Inspire & enable**

businesses and communities to choose solar

# How we do business

An end-to-end approach to solar

Enabled by global reach & buying power, innovation, digitalization, automation and Centres of Excellence



### Develop & Build

- Development (greenfield, co-development, late-stage acquisitions)
- Power Purchase Agreements
- Environmental Planning
- Grid/Interconnections
- Commercial Engineering
- Construction & Project Management

### Manage/Operate

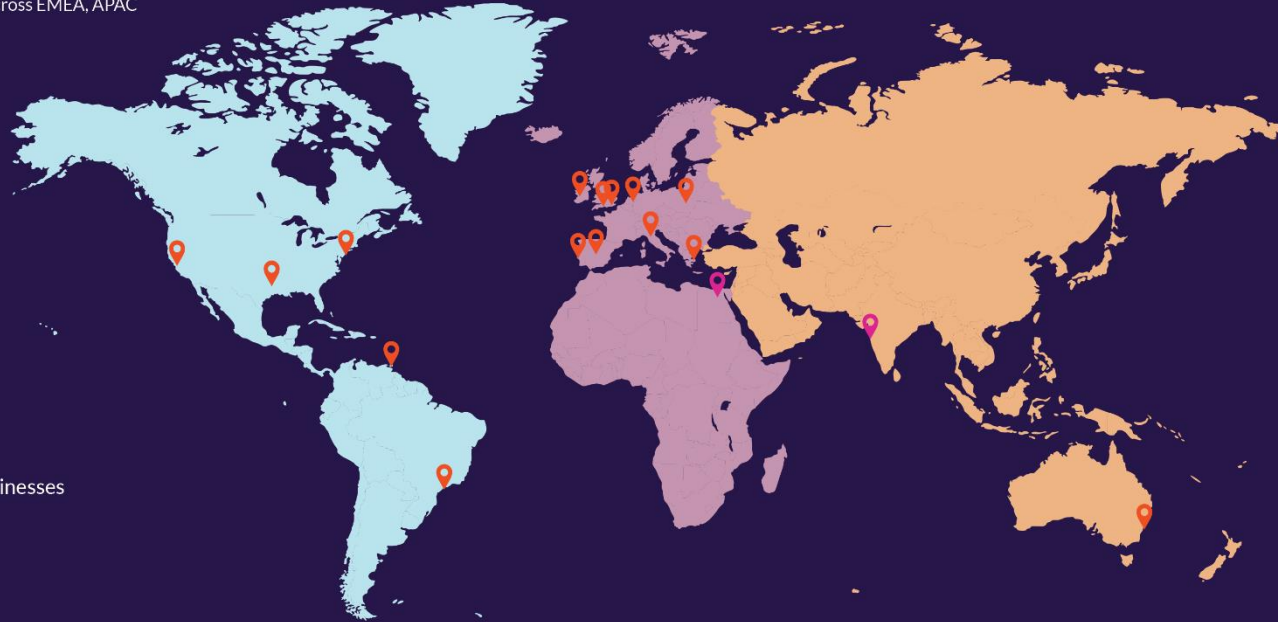
- Asset Management
- Energy Management
- Operations & Maintenance



### Own/Sell

- Operational Asset Performance
- Structured Finance & Modelling
- Investment Management
- Asset Divestment




# A global platform with local impact

Our activities expand across EMEA, APAC and the Americas. These markets feature strong fundamentals to deploy solar and capital at scale.



-  Offices
-  Joint venture businesses

## AMERICAS

-  Brazil
-  United States of America
-  Trinidad & Tobago

## EMEA

-  Greece
-  Netherlands
-  Spain
-  Italy
-  Portugal
-  United Kingdom
-  Republic of Ireland
-  Poland

 Egypt  
**lightsourcebp**  
 Powered by Hassan Allam Utilities

## APAC

-  India
  -  Australia
- 

Safety  
 Integrity  
 Respect  
 Sustainability  
 Drive



# Project Lara



# Project Lara – Context and Consortium

We believe that renewable energy is the key to addressing the ‘dual challenge’ – creating more energy while reducing emissions and combatting climate change.

## Project History

February 2018 > GoRTT signed United Nations Paris Agreement ratification in New York

March 2018 > GoRTT launched Expression of Interest

November 2018 > GoRTT launched RfP documentation

July 2019 > GoRTT RfP submission deadline

March 2020 > Consortium award preferred bidder status

2021 > Begin Construction

2022 > Commercially Operational Renewable Energy Projects

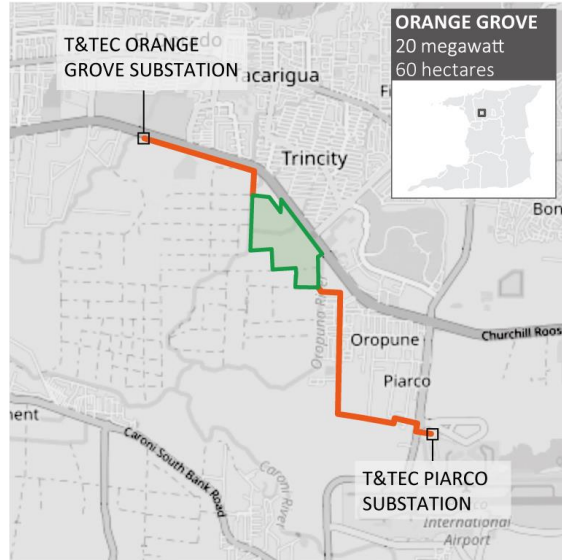
## About our consortium and partners

- Lightsource bp is the lead developer as part of a consortium together with bp Alternative Energy Trinidad and Tobago and Shell Trinidad and Tobago.
- Lightsource bp is a global leader in the development and management of solar energy projects. Lightsource bp operates 3 gigawatts of solar power generation and is actively developing projects in 14 countries. Its global project development pipeline is currently 16 gigawatts.
- bp and Shell are Trinidad and Tobago’s largest hydrocarbon producers and have decades of operational experience in the country.

# Project Lara – the Projects

Lightsource bp, in Consortium with bp and Shell, submitted two projects in the Government RfP with a combined 112MWac. We aim to start construction before the end of 2021 and have operational farms in 2022.

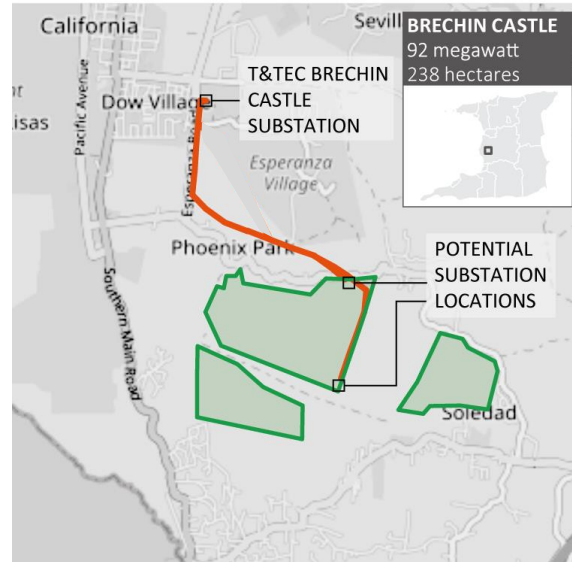
## Orange Grove Solar Project



### Orange Grove Statistics

- Size of the site (MW): 20MW
- Estimate Annual Generation: 48,913 MWh
- Equivalent to:
  - 7,000 homes powered
  - 27,500 saved tonnes of CO2
  - 5,500 cars off the road

## Brechin Castle Solar Project



### Brechin Castle Statistics

- Size of the site (MW): 92MW
- Estimate Annual Generation: 219,076 MWh
- Equivalent to:
  - 31,500 homes powered
  - 123,000 saved tonnes of CO2
  - 26,500 cars off the road



# Q&A



# End of presentation

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