



GREAT *for* **PARTNERSHIP**
BRITAIN & NORTHERN IRELAND

Brazil Energy Programme

22nd October 2020

Brazil Energy Programme Overview

Prosperity Fund

- British Government's £1.2 billion global fund
- Partnerships, inclusive economic growth, mutual prosperity and progress towards UN SDGs
- In Brazil, focus on Energy, Green Finance, trade and future cities

Brazil Energy Programme (BEP)

- Recognises Brazil's enormous potential in renewables
- Accelerates adoption of clean energy to support disadvantaged groups
- Provides UK funding and international expertise
- Includes regulatory and policy support, and technology demonstrations

BEP Technology Demonstration Pilots



Technology demonstration pilots aim to:

- Overcome 'challenges' faced by Brazilian partners in biogas, biofuels and solar / storage / smart grids
- Reduce cost of energy (or provide access to energy) for less-privileged consumers
- Provide income generation opportunities for the poor or disadvantaged groups
- Stimulate involvement in the Brazilian energy market from UK and international organisations
- Leverage Brazilian R&D co-funding



BEP Technology Demonstration Pilots

Pilot and challenge competitions to demonstrate innovative low carbon technologies in the solar, storage, smart grids, biofuels and biogas sectors

Solar Energy, Energy Storage and Smart Grids – c. £3m funding

How can a more advanced, clean, decentralised energy generation model deliver greater energy access and affordability for poorer communities in Brazil?

Pilot 1 – Pilar Solar: an open-air laboratory testing Time of Use tariffs in Pilar (RJ), enabled by installation of solar PVs, batteries and smart meters

Pilot 2&3 - exact technical scope to be determined.

Competition closed on 25th September 2020

Biogas technology demonstration pilots – c. £3m funding

3x pilots currently under design

Options include biogas upgrading to biomethane and the usage of biomethane for transportation

Competition launch planned for Q4 2020

Biofuels technology demonstration pilots – c. £3m funding

3x pilots currently under design

Options include biodiesel from macaúba, used cooking oil or brown fats

Competition launch planned for early Q1 2021

Contact Information

For further information you can visit the Brazil Energy Programme website - <https://www.ukbrep.org/>

For any queries about the Brazil Energy Programme, please contact us at info@ukbrep.org.

For any queries about the pilot projects, please contact us at pilotinfo@ukbrep.org



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UK - Brazil Partnership

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