

# [Environment & Energy] CHALLENGERGY INC.



## Challenergy

<https://challenergy.com/en/>

- Address: Sumida-ku, Tokyo
- Number of employees :22
- Established in 2014
- Business: Manufacturing

### Outline of the demonstration project

- Creating sustainable Islands in the Philippines by building a distributed energy platform

### Cooperation with local companies/governments

- Local partners:
  - Philippine National Oil Company (PNOC) Renewables Corporation (development and operation of renewable energy-related businesses)
  - Department of Energy



### Targeted economic/social issues and solutions

- Electricity infrastructure in remote islands in the Philippines is vulnerable to high energy costs, environmental loads, and natural disasters. Over 9 million people still do not have access to electricity. Several tens of million people have electricity supply for only eight hours or less a day.
- Introducing a power system (micro-grid) consisting mainly of low-cost and natural disaster-resilient renewable energy. Aiming to build a virtual power platform that allows one-stop technical evaluations for adopting renewable energy, remote monitoring, and control of the power system.