

Case Study

SEAFUEL

Logan Energy were selected as the hydrogen technology partner for the €3.6 million EU funded SEAFUEL project. We designed and built the hydrogen production and refueling station as well as converted 4 Nissan env200s to fuel cell range extended vans.

PROJECT INFORMATION

SEAFUEL aims to use the renewable resources across the Atlantic Area to power the local transport fleet and support the shift towards a low carbon economy. The project will use the expertise and infrastructure of the partners in renewable energy, namely solar, wind and marine, to demonstrate the viability of hydrogen as a fuel to be used by the local transport authorities.

Deliverables

- H2 energy storage
- H2 compression
- Hydrogen refuelling



Achievements

- PEM electrolyser operation at warm temperatures

Benefits

- H2 used as a fuel for a local fleet
- Energy system efficiency

“This project is hugely significant not just for remote communities in Europe but around the world. The SEAFUEL project will go a long way to **facilitating the transition to a low carbon economy.**” – *Bill Ireland CEO*

