



500 kW_e

POWER-UP

World's Largest Alkaline Fuel Cell System

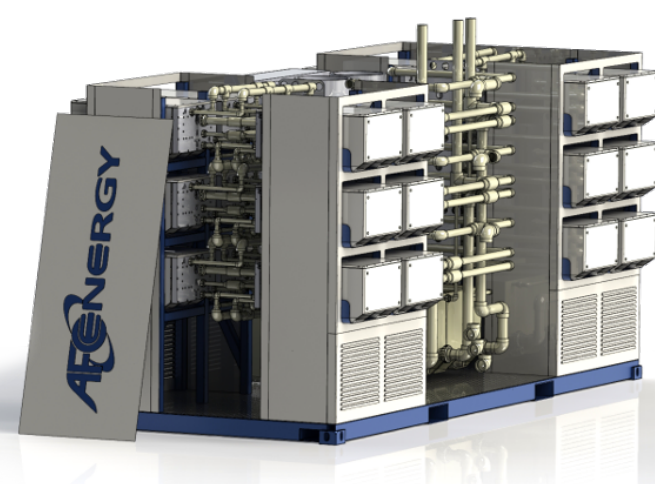
www.project-power-up.eu

Objectives

1. Delivery of an alkaline fuel cell (AFC) system that converts hydrogen into electricity and heat at competitive prices
2. Successful scaled-up manufacture of fuel cell components that meet relevant ISO standards
3. Demonstration of an automated process that assembles components into fuel cell stacks
4. Reduced installation, commissioning time and cost of the system through a modular, containerised Balance of Plant
5. Effective recycling and reconditioning of substrate plates, catalyst materials and stack components
6. Understanding and quantifying the direct and indirect environmental impact of the fuel cell system and the relevant socio-economic factors
7. Meeting end user reliability requirements and plant maintenance schedules

2013

Start Installation Operation Data Gathering Test and Validation



Co-ordinator



POWER-UP Partners



POWER-UP is a project supported by:



Fuel Cells and Hydrogen Joint Undertaking