



Autonomous renewable power for the industry



Project Idea / Expertise

Bring **technology expertise** in autonomous, clean, modular gensets (e.g., WattAnyWhere-like systems) **to replace or complement** grid upgrades / PV / Batteries / diesel for more energy efficient and clean industrial sites using renewable fuels.

Organization name, town and country

WattAnyWhere, **Sion, Switzerland**

Addressed topic(s)/area(s)

Expertise relevant to multiple topics:

- 1) HORIZON-CID-2026-01-01: Circularity and resource efficiency (material, energy, water) of production processes
- 2) HORIZON-CID-2026-01-02: Storage technologies, renewable fuels, and carbon capture and utilisation (CCU)

About WattAnyWhere genset technology



Baseload 50kW to 300 kW
100MWh of storage

Avoid grid connection delays and costs + **gets rid of diesel gensets**. Increased **resilience** with 100 MWh storage easily by **using ethanol as feedstock** and a standard 30m³ tank.



100% renewable and clean electricity

Combination of **proven SOFC technology** and **ethanol as H2 carrier** for decarbonization, energy efficiency



Pure, deionized water every day

The fuel cell produces **pure water**, helps industry continue operation despite draught restrictions



Project idea: demonstrate how clean, autonomous, controllable and renewable alternative to PV, Batteries and diesel generators benefit the industry

- We propose to join projects and tackle key pain points of the industry: grid limitations, GHG emissions reduction, widespread reliance on diesel gensets, availability of water:
 - Grid connections are often delayed (years, especially in the Netherlands)
 - Average grid connection carries more than 250g of CO₂e / kWh, up to 700g in Poland
 - Diesel genset have a severe environmental impact, in particular for the construction and mining industries, yet still widely used due to lack of viable alternatives.
 - PV and Batteries require huge capex and lack efficiency, while hitting social acceptance issues
 - Cooling often relies on the use of water



Competences / type of partners sought

The following competences would greatly complement WattAnyWhere expertise as a clean genset technology provider:

- Industrial end-user, e.g. manufacturing company requiring additional power capacity
- Specialized engineering or research partner focusing on energy modelling and optimization, EMS development
- Research organization or University for environmental impact assessment



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