



Increasing RES uptake through Microgrids in the Alps

Creating a transnational enabling environment to foster microgrid solutions supporting in particular the creation of Local Energy Communities



Microgrids and Energy Communities

Microgrids require small-scale generation, renewable energy and smart grid technologies that are mature and readily available on the market. Though Microgrids are defined by, and have in common, some technical characteristics, non-technical aspects also play an important role in their implementation. A key point is the active involvement of energy consumers, which allows for exploiting the flexibility of consumers and devices such as storages that are the property of consumers for optimizing the overall Microgrid operation. Often, this goes hand in hand with the establishment of an Energy Community.

Project outputs

- Alpine microgrid model for energy communities and project developers
- Policy package for national, regional and local policy makers to improve their energy and climate plans
- Replication programme involving organizations outside the consortium areas

More on Microgrids and Energy Communities through a description of the 7 pilot projects implemented by ALPGRIDS partners.



ALPGRIDS is a three-year project co-financed by the European Regional Development Fund through the Interreg Alpine Space programme. It is project group of 12 project partners, coming from five Alpine regions. In five 5 countries (Austria, France, Germany, Italy and Slovenia) ALPGRIDS will implement 7 microgrid pilot projects that will be built and run with the support of transnational exchanges of knowledge and experience involving local energy stakeholders and policy-makers, contributing to the project results.

Follow us, as we share experiences, solutions and good practices
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