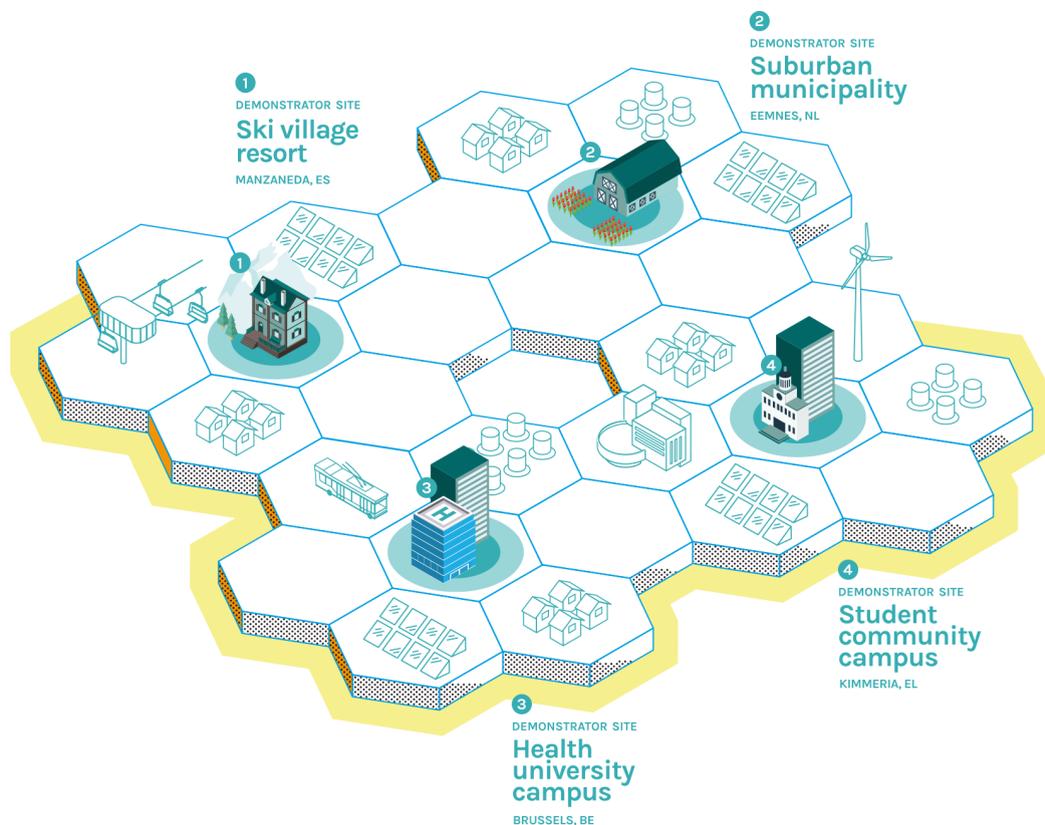




## Renewable integration and sustainability in energy communities



Dear all,

we are glad to finally send you our first newsletter! We have some news worth sharing with you.

If your peers and colleagues may be interested in RENAISSANCE project, please invite them to [subscribe](#) to our newsletter!

[Link to website](#)



**Renaissance project is an Innovation Action supporting clean production and shared distribution of energy in local communities. It aims to deliver a community-driven, scalable and replicable approach to implement new business models and technologies in the energy market.**

**Started in May 2019, RENAISSANCE project is about optimisation of energy grid efficiency and reduction of end-user costs.**

The project implements a co-designed single prosumers platform and develops new smart-contracts involving four local energy communities in Europe as demonstrator sites, which will test the RENAISSANCE operational solutions.

Many models have already been developed to integrate distributed energy resources in the energy grid, such as virtual power plants, community groups, and energy hubs. However, they mostly focus on technical aspects. The limited momentum for such technical solutions uptake is due to low engagement of local communities and to regulatory barriers. Therefore, RENAISSANCE challenges public policies concerning energy distribution to better mirror the needs of future prosumers and considers connected energy communities as the top players of the energy market.

**Our ambition is to significantly improve the uptake of local integrated renewable energy grids, likely reducing consumer prices at least by 10-15%.**

Thanks to Local Levelised Cost of Energy (LLCOE), comparison with current centralized energy systems becomes possible. This approach is expected to help create market opportunities (for hardware, software

and services) driven by economic value and increased community engagement.

Local consumers want low-cost, hassle-free energy at their disposal: the key challenge today is to support the shift from technology-driven approaches to consumer-driven approaches, envisioning more efficient distribution grids.

**RENAISSANCE Project takes up this challenge for a greener, community-driven energy market.**

## Latest News



03/10/2019

### **1st project meeting to be held on 30-31st of October, Rome**

After the first months of work, time has come to take stock of the situation. The first project meeting will be held in Rome on the 30th and 31st of October 2019. Take a look into the RENAISSANCE Consortium!



10/10/2019

### **Prosumers are brought to the forefront through RENAISSANCE**

A prosumer is someone that both consumes and produces a product. In RENAISSANCE we refer to prosumers as the stakeholders that produce the energy required for their household or business to operate.

Read more news



**RENAISSANCE - “RENewAble Integration and  
SuStainAbility iN energy CommunitiEs”  
Innovation Action**



is funded by the European Commission under the topic  
“Integrated local energy systems (Energy Islands)”

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