

Eemnes

The Netherlands



Eemnes is a 3.6000 households town 35kms from Amsterdam. The municipality aims to be energy neutral by 2030. Eemnes is an unique pilot of RENAISSANCE because of its direct engagement with the citizens. Thanks to an exemption granted by the Dutch government, it will be able to validate a local, peer-to-pool energy market in an operational environment. Today, the local market is real. From July 2021 onwards citizens can opt to change their energy provider and become members of the Eemnes Energie local peer-to-pool energy market. The first estimations show that if homeowners would trade the collectively produced surplus green energy on local market, almost +18% green energy could be consumed locally and lower energy price could be offered. The project aims to boost this percentage even more by applying different pricing mechanisms by installing additional flexible assets at community boundaries. Stay tuned over course of 2022 to learn more about the impact of local market in Eemnes.

Members	Gemeente Eemnes, Energievan, Eemnes Energie
Involved parties	Bax&Company, iLeco
Context	Suburban/Small town
Production	<ul style="list-style-type: none"> Distributed photovoltaic panels
Storage	<ul style="list-style-type: none"> Distributed storage batteries
Impact	+20% RES -10% LCOE +20% Social Participation
Target	New business models Peer2Pool trading Lower bills and Co2 savings Increase of use of local RES
Community	Local citizens



Consortium

