



Sustainable energy system for achieving novel carbon neutral energy communities

PROJECT GOALS:

The decarbonisation of local energy systems via optimal integration of locally available renewables (via smart control, energy balancing, storage solutions & application of active load control),

Evaluation of solutions from the demonstration sites for **replicability across Europe, India & worldwide**,

Integration of energy systems for local communities (considering electricity, heat, water, waste & transport infrastructure),

Emphasis on user involvement, including the identification of the conditions & socio-economic characteristics behind the willingness to participate,

Technical benchmarking & solutions matched with **business models** tailored to the different challenges & actors identified in each country,

Enhancement of the environmental, social & economic conditions of local communities.

DEMO IN DENMARK



VOERLADEGÅRD
IN SKANDERBORG
COMMUNE

DEMO IN THE NETHERLANDS



UNIVERSITY
OF TWENTE AND OLST
COMMUNITIES

DEMO IN POLAND



HOUSING
ASSOCIATION
IN SOPOT

DEMO IN INDIA



BARUBEDA VILLAGE,
BORAKHAI VILLAGE
& IIT BOMBAY
CAMPUS IN MUMBAI



More info:
www.h2020Sustenance.eu
[Sustenance H2020 project](#)

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€3.8m of EU funds
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Project Partners



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