



# 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



STJÆR  
IN SKANDERBORG  
COMMUNE

### DEMO IN THE NETHERLANDS



UNIVERSITY  
OF TWENTE AND OLST  
COMMUNITIES

### DEMO IN POLAND

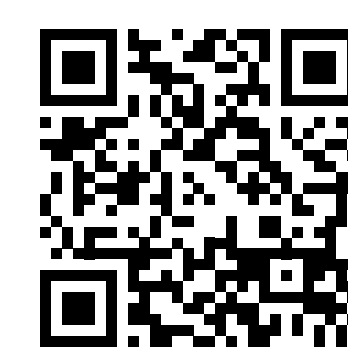


HOUSING  
ASSOCIATION  
IN SOPOT

### DEMO IN INDIA



BARUBEDA VILLAGE,  
BORAKHAI VILLAGE  
& IIT BOMBAY  
CAMPUS IN MUMBAI



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

Total budget:  
**€3.8m** of EU funds  
Duration: 07.2021-12.2024

Project Coordinator:  
**prof. Birgitte Bak-Jensen**, Aalborg University, DK  
[contact@h2020sustenance.eu](mailto:contact@h2020sustenance.eu)

### Project Partners



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