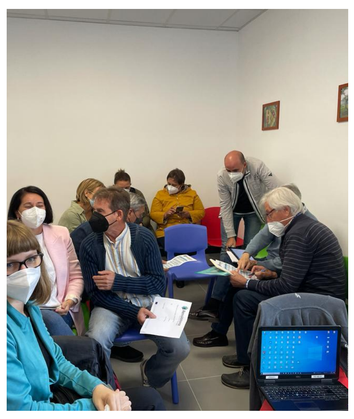
Relleu (Spain)

In March 2022, Replication team travelled to Relleu in Spain to run another community engagement workshop to discuss and evaluate future energy scenarios. Relleu is a village of approximately 1,300 inhabitants in the hills near Alicante. In Relleu, there is a newly built compound of 37 houses which is the subject of this pilot site. The objective of the workshop was foremost to increase local knowledge by providing information in an interactive way on what an energy community is and what it could look like for Relleu specifically. The workshop eventually allowed to test whether the incentive to establish or join such an initiative also increased in line with the participants' awareness levels. The tested engagement process had a significant effect on the awareness and knowledge of the participants regarding joint renewable energy initiatives in general and energy communities in specific. This directly resulted in a greater willingness for immediate action towards a joint local initiative. Potential savings in the energy bill are the main motivator to join an common energy initiative, but the workshop showed us that uncertainty about each other's motivations and a lack of knowledge on what an EC (process) contains are still a major drawback for many people. When a better insight in both can be offered, motivations go up.

Vega de Valcarce (Spain)

The team organised a workshop dedicated to the creation of energy communities and it took place on September 2021. The project stakeholder engagement methodology and the RENERGISE tool were presented, and neighbours together with the municipality and local companies discussed and evaluated multiple scenarios to develop a renewable energy community. Consensus was reached on making it a reality continue towards implementation. Energy Communities are meant to obtain economical and environmental benefits for their members, and this is where the RENAISSANCE approach can actually help, in particular the consideration of all stakeholders' needs and the possibility to evaluate future scenarios and business models accordingly.



Auroville (India)

The main purpose of the MAMCA workshop which took place in Auroville on Saturday the 13th of March,was that of engaging citizens and all interested parties already since the early phases of the decision making process related with the potential kick-off of a new local energy community. Moreover, Rewanted to improve our understanding about the local regulations and Auroville's approach related with sustainability projects, in particular concerning renewable energies. The MAMCA process allowed all involved people to set the basis for a tangible community project towards zero-emission targets and collective self-consumption and production of renewable energy on site. As a result they also increased the common understanding of the pros and cons of the different options available and had the opportunity of consolidating their social bonds and mutual trust.

Lacor (Uganda)

On May 19th the replication team of the RENAISSANCE project organised a stakeholder engagement workshop in Lacor, a town in the north of Uganda. The team organised the workshop to look into potential future energy initiatives at the St Mary's Hospital. St. Mary's Hospital Lacor is a private, non-profit Ugandan hospital, whose mission is to guarantee affordable medical services, especially to the most needy. One of the main energy challenges for the hospital is always guaranteeing a reliable electricity supply. Because of the unstable central grid, local diesel generators are in place to deal with general power outages. In the future a more sustainable solution is desirable. The participants held enthusiastic discussions, and according to the feedback surveys they filled out afterwards, the workshop contributed to strengthening their understanding of potential energy initiatives for the hospital and their advantages. They also indicated the discussion helped them gain a better insight into the needs and wants of all stakeholders.

Consortium

VRIJE UNIVERSITEIT BRUSSEL · Atos · ikerlan · deepblue consulting & research · circe RESEARCH CENTRE FOR ENERGY RESOURCES AND CONSUMPTION · NTT DATA · Manzaneda Estación de Montaña · DEMOCRITUS UNIVERSITY OF THRACE

CERTH CENTRE FOR RESEARCH & TECHNOLOGY HELLAS · BAX & COMPANY VALUE FROM SCIENCE AND TECHNOLOGY · sdm elektro · NAPE NATIONAL ENERGY CONSERVATION AGENCY · ABB · Sunamp · GEMEENTE EEMNES

Renaissance
RENEWABLE INTEGRATION & SUSTAINABILITY IN ENERGY COMMUNITIES

This project has received funding from the European Union's H2020 research and innovation programme under the grant agreement No 824342.