TECHNISCHE HOCHSCHULE DEGGENDORF

InformaApp

Regional Energy Networking – cross-sectional involvement through a modular interactive toolbox

This project has been funded by partners of the CETParntership through the Joint Call 2023. As such, this project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101069750.

RENvolveIT aims to create a modular and scalable toolbox for managing renewable energy systems, facilitating the transition from centralized to decentralized energy production and consumption.

Eckdaten

Kurztitel

RENvolveIT

Forschungsschwerpunkt

Sustainable Production, Energy Technologies and Smart Materials

Laufzeit

01.12.2024 - 30.11.2027

Fördergeber

Bundesministerium für Wirtschaft und Klimaschutz

Projektträger

Forschungszentrum Jülich GmbH

Projektleitung

Prof. Dr. Javier Valdes

Ziele

Facilitate the establishment and operation of Energy Communities (ECs) by providing a modular interactive toolbox that supports various stakeholders in the energy transition.

Enhance citizen participation in renewable energy production and management, particularly focusing on inclusivity and equity among underrepresented groups.

Develop and integrate tools for energy system modeling, matchmaking, and community aggregation to optimize energy management and sharing.

Conduct field-testing and demonstration of the toolbox in various pilot projects to gather user feedback and improve functionalities.

Promote knowledge exchange and collaboration among project partners and stakeholders to foster a supportive environment for decentralized energy solutions.


heute
stadt
morgen

KELSO INSTITUTE
EUROPE

power
solution
european energy

regionalwerke

salzburgresearch

TECHNISCHE
HOCHSCHULE
DEGGENDORF

Universiteit
Utrecht

University for
Continuing
Education Krems