PRESS RELEASE | 22 MARCH 2022

EnerMaps, the new tool to analyse and compare your energy data.

The EnerMaps H2020 project is ready to launch its final data management tool to energy professionals and data lovers.

When asked to think about the energy transition, most people would imagine solar panels and wind turbines. While these of course make up part of the process, access to energy data is invaluable if we are to properly plan and implement future energy-saving projects that help Europe meet its climate targets by 2050. With European-funded projects like EnerMaps, progress in the energy transition can be made. The open-access tool developed by the project is composed of two platforms: the Gateway centralising over 90 000 content providers and the Visualisation Tool featuring several calculation modules: renovation scenarios, flexible heat demand, heating and cooling demand, district heating potential, energy building stock and socio-economic data.

After two years of research and development, the project comes to an end. On **Thursday 7 April from 9.00 am to 12.00 pm CEST**, the EnerMaps team organises its final event to launch the new tool. They have been working on selecting, quality checking, embedding databases and developing new and user-friendly calculation modules that any user can customise according to her/his interests. Jakob Rager - Director of the Centre de Recherche - Crem in Switzerland and Coordinator of the project - will open this special day by presenting *"EnerMaps closes the gap between visualisation and analysis of energy data, built on quality checked data sources: it is not just another tool. EnerMaps is perfectly integrated into the EU open science platform of OpenAIRE to show where the data is from, lets you find easily additional data or publications on the same topic while giving you the ability to explore the selected data sets visually on a map. While exploring, you can use the plugins or so-called calculation modules to work on your energy transition scenarios. And finally, the code is open-source based on current IT practices with docker, the data open-access. EnerMaps is easy to deploy on your own server and/or you can write you own calculation module! This transparency through our open approach creates the trust for future improvements/ changes based on traceable results."*
The participants will be invited during the event to participate in two breakout sessions where the tool and functionalities will be presented through different case studies.

The special event will continue on **Friday 8 April from 1.30 pm to 4.00 pm CEST** at the international energy event, the World Sustainable Energy Days 2022 where the EnerMaps team was invited to train the participants on the tool. Giulia Conforto – senior researcher at e-think – will reveal all the functionalities and demonstrate together with the audience the different features. Giulia explains that *"One thing is to hear what the platform was designed for, and another is to see it with your own eyes. This is why in our training we make a lot of space for the users to try out the EnerMaps Gateway and Visualisation Tool themselves. In the Final Event, after months of development and testing, we are going to show in detail every calculation module (CM) available on the EnerMaps Visualisation Tool, explaining what users can employ them for and looking at the specific inputs and outputs of each CM. A participant to this event will be able to maximise her/his use of the EnerMaps tools. Plus, consider that every training is recorded so that users can rewatch the clip and reproduce the exercises at*

enermaps.eu

a later stage, we are going to leave a full training available to any potential user who may come in contact with EnerMaps even after the end of the project."

The EnerMaps tool is already available online and can be tested by anyone:
- EnerMaps Gateway: https://beta.enermaps.openaire.eu/
- Visualisation tool: https://lab.idiap.ch/enermaps/

➢ Information and registration about the Final Event

About EnerMaps

EnerMaps project has received total funding of € 999 975 from the European Union's Horizon 2020 research and innovation programme under grant agreement N°884161. The two-year project will run from 1 April 2020 to 31 March 2022 with the aim to improve data management and accessibility in the field of energy research for the renewable industry, proposing one data management tool: a gateway and an interactive map of the energies. The EnerMaps project is being delivered in partnership with the Centre de recherche – Crem (Switzerland), Accademia Europea di Bolzano – EURAC (Italy), e-think (Austria), Technische Universitaet Wien-TUW (Austria), Institut de recherche Idiap (Switzerland), OpenAIRE (Greece), and REVOLVE (Belgium).
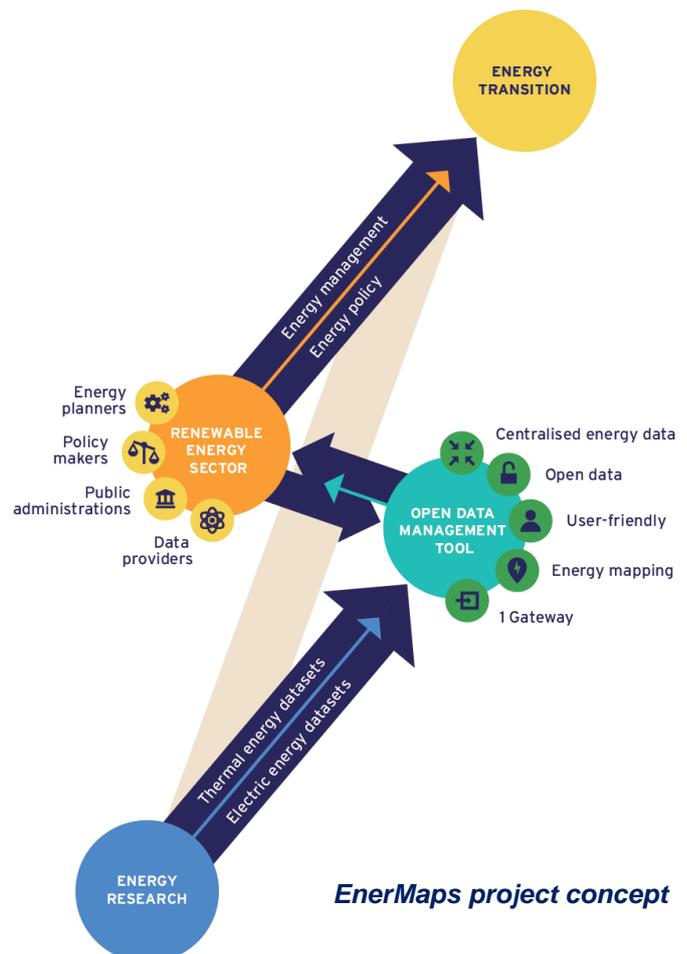
Contacts:

Project coordinator
Jakob Rager
Crem
jakob.rager@crem.ch

Communication Coordinator
Clémence Contant
REVOLVE
clemence@revolve.media

EnerMaps project concept

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