RES-TMO

Fonds européen de développement régional (FEDER)
Europäischer Fonds für regionale Entwicklung (EFRE)

#2/2022

Newsletter

Dear cross-border colleagues,

Dear friends of sustainability research in the Upper Rhine region,

In this eighth and final newsletter, we would like to present to you the main results of our project, tell you about the last publications, and give you an overview of our final event.

We wish you happy reading!

The RES-TMO Coordination Team in Freiburg

1. Information about the project

RES-TMO is a three-year project funded by Interreg V Upper Rhine, and it was developed in the framework of the Upper Rhine Cluster for Sustainability Research (URCforSR). The project aims to accelerate the energy transition by uncovering synergies from complementary generation, demand and storage capacities, as well as cross-border energy initiatives in the trinational Upper Rhine Metropolitan region.

The work of the RES-TMO project is organized around seven work packages, or WPs in short. Detailed information on the project can be found on our website, where you can also find our previous newsletters.

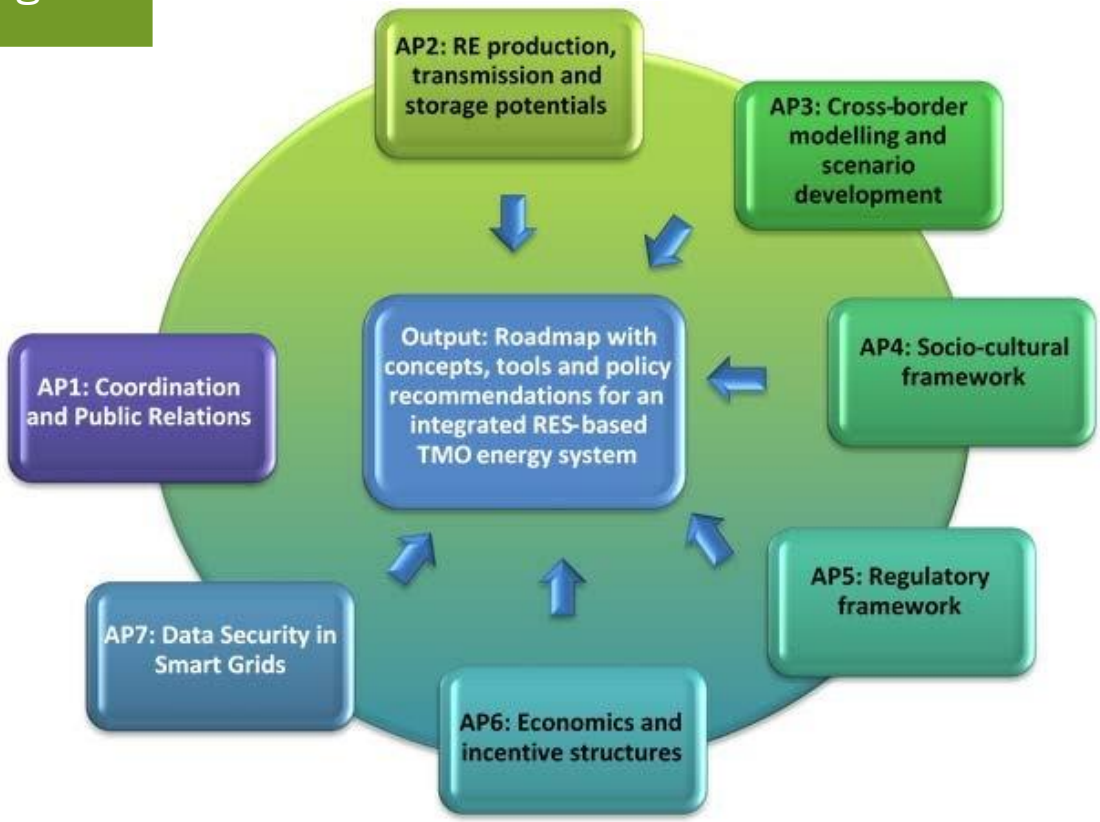
2. RES-TMO Project Video

We present to you a short film about the RES-TMO project, which summarises the most important results of 3.5 years of work.

The video was realised by the coordination team and the Freiburg agency DigitalWorks with the active involvement of all project partners.

The video is available here.

Work packages



3. RES-TMO closing colloquium

On 10 May 2022, the final colloquium took place in the Aula of the University of Freiburg in a hybrid form (participants could also join the event by Zoom). In total, the project partners from France and Germany presented the results of their work to 150 stakeholders, politicians and industrial workers. The event was moderated by Ines Gavrilut (University of Freiburg, FeLis) and Vulla Parasote (TRION-climate).

Ms. Marie-France Vallat, Member of Parliament / Councillor of the European Collectivity of Alsace conducted the opening of the event and gave a welcome speech. After this, Prof. Barbara Koch of the University of Freiburg and the Upper Rhine Cluster for Sustainability Research (URCforSR) gave an introductory speech about the project, as project lead. Bringing our attention to the current political situation (Ukraine war, energy crisis), showing how fragile the worl's balance can be and how the use of renewable energy and its further development would have a positive influence.

Then, scientists from the Universities of Freiburg, Strasbourg, Haute-Alsace and the KIT presented their key research findings:

1) **Analysis and mapping of the potential for renewable energies in the Upper Rhine**

   Speaker: Zeina Najjar, University of Freiburg, FeLis

2) **Energy system modelling: scenarios, technologies, transformation paths**

   Speakers: Prof. Alain Clappier, University of Strasbourg, CNRS, Laboratory LIVE

   Joris Dehler-Holland, KIT-IIP, Research Associate & Head of Energy Policy Group

3) **Smart grids and the issue of cyber security: approaches to solutions**

   Speakers: Dr. HDR Djaffar Ould Abdeslam and Bushra Canaan, UHA-IRIMAS

4) **Interaction of actors and socio-cultural dimensions of the energy transition in the Upper Rhine region**

   Speakers: Prof. Philippe Hamman, Dr. Marie Mangold, University of Strasbourg, Laboratory SAGE – Societies, Actors and Government in Europe

5) **Legal barriers and levers for the development of renewable energies**

   Speakers: Dr. CNRS Elisabeth Lambert and Dr. Melis Aras, University of Strasbourg, Laboratory SAGE

6) **Economic and Regulatory Dimensions of Energy Transformation in the Upper Rhine Region**

   Speaker: Prof. Bernhard Neumärker, University of Freiburg, Götz Werner Chair (GWP) of Economic Policy and Constitutional Economic Theory

All *the* presentations can be found on the TRION website.

4. Important Publications

- Hamman, Philippe. "Les coopératives énergétiques citoyennes, paradoxes de la transition énergétique?." (2022): 216.

- Brochure (GER/FR) "Auf dem Weg zu einer nachaltigen Energieversorgung am Oberrhein / Vers un système d'énergie décarboné dans le Rhin supérieur“ (June 2022).

RES-TMO

Concepts for an Integrated, Efficient and Sustainable Energy Supply and Storage in the Upper Rhine Region

University of Freiburg, Chair of Remote Sensing and Landscape

Information Systems (FeLis)

Project lead: Prof. Dr. Barbara Koch

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