

WHO WE ARE

We can count on a multi-disciplinary partnership comprising partners from 6 central European countries. We consider knowledge-transfer essential to promote the uptake of an integrated and effective approach to energy planning by local stakeholders.

Austria

- Institute for Sustainable Technologies (AEE - INTEC)
- Energy Agency of Styria (EASSt)

Croatia

- North-West Croatia Regional Energy Agency (REGEA)

Germany

- Steinbeis Transfer GmbH (StT Solites)
- Wood Energy Association Baden-Württemberg (HEF)
- Regional Association Neckar-Alb (RVNA)

Italy

- Ambiente Italia Ltd (AMBIT)
- Energy Management Agency of Friuli Venezia Giulia (APE FVG)

Poland

- Association of Municipalities Polish Network "Energie Cités" (PNEC)

Slovenia

- Energy Agency of Savinjska, Šaleška and Koroška Region (KSENA)
- Javne službe Ptuj, d.o.o.



TOOLS

Guidelines for evaluation of the local renewable heat potential

Useful for regional and local actors to assess their local heat potential.

New financing schemes

Innovative local financing schemes to support the development of renewable DH plants based on the experience of project partners and other international projects.

Quality management system - QM Holzheizwerke

The QM Holzheizwerke will be available in 6 languages thus readily available at international level. At least 3 of our target regions will adopt it.

Country-specific planning guidelines for small DH

This step-by-step manual, available in 6 languages, will boost the uptake of planning and development skills for the diffusion of RES DH plants locally taking into consideration specific constraints and requirements of each target region.

1

tool for each region



REGIONAL ACTION PLANS

Small renewable DH regional action plans

Development of 5 regional action plans identifying actions, measures and tools for the diffusion of small renewable DH networks in target regions

PILOT ACTIONS

Pilot DH projects

There is a set of specific actions to choose from for target regions to boost the diffusion of small integrated RES DH plants according to their local needs. The set of actions includes: pilot studies for heat planning at municipal level in selected communities, support to the initialization of new RES-based district heating networks or to the integration of more renewable heat sources in existing DH systems, setting up and implementation of support and financing schemes for local RES DH, adaptation and use of a quality management system for renewable DH.

5

regional action plans

9

pilot actions



TRAINING

Target group - oriented training sessions

21 specific training sessions in 6 regions for opinion leaders, decision makers, technicians and market actors for ensuring knowledge transfer on small local RES DH.

4 transnational coaching sessions to enhance project partners' training skills. This will enable them to run future training autonomously in the long term and trigger sustainable training patterns in their countries and even beyond.

The training will focus on case studies analysis, guidelines on planning procedures, reference technical standards and quality criteria and will be tailored to the needs of different target groups and key actors.

Training materials will be available as blueprint well beyond the project lifetime, ensuring long-term impact of project results.

25

oriented training sessions

DISTRICT HEATING NETWORKS BASED ON LOCAL RENEWABLE ENERGY SOURCES



WHAT WE DO

ENTRAIN project aims at improving the energy planning skills of public authorities and local stakeholders: the ultimate goal is to develop and implement local strategies and action plans for enhancing the use of endogenous renewable energy sources. We want to achieve it with DH - District Heating networks, that adapt to the peculiarities and resources of each territory (solar, biomass, waste heat, heat pumps or geothermal energy). ENTRAIN addresses the Low Carbon priority within the Interreg Central Europe Programme. We join our efforts to reduce CO₂ emissions, improve local air quality and trigger socio-economic opportunities for local communities across 5 target regions: Croatia, Germany, Italy, Poland and Slovenia.



6

COUNTRIES

11

PROJECT PARTNERS

8

REGIONS

2.5

MILLION EURO PROJECT BUDGET

2

MILLION EURO ERDF

TAKING COOPERATION FORWARD



SEIZE THE MOMENT! ADOPT NEW APPROACHES TO ENERGY PLANNING...

...that will foster climate change mitigation. The wind of energy transition is blowing: let's not wait for the hurricane.

FACTS AND FIGURES



Our role models

We take example from the best in the field, Austria and Germany, thanks to a multi-year and high-skilled experience in energy planning and implementation of the "QM Holzheizwerke" quality management system.



Road map: 3 steps to achieve our objectives

- 1. Local stakeholders are the key players:** they will be actively involved in project activities through the activation of regional stakeholders' groups. Their skills and expertise will be improved through the knowledge transfer from Austria and Germany, countries with advanced planning capacities and long-term experience on local renewable energy sources in district heating (RES DH).
- 2. Keep it local:** we will carry out surveys at local level, perform RES heat potential assessment and develop regional action plans which identify actions, measures and tools for the implementation of small RES DH systems and their diffusion at local level.
- 3. #ClimateAction:** by implementing local action plans in pilot areas and fostering low-carbon strategies that will lead to fossil fuels and CO₂ emission reduction and eventually to improved air quality.

Who funds us

Our project is funded by the Interreg CENTRAL EUROPE Programme which supports transnational cooperation to tackle common challenges in central Europe. With 246 million Euros in funding from the European Regional Development Fund, the Programme fosters cooperation beyond borders to develop solutions and improve the wellbeing of cities and regions across Austria, Croatia, Czech Republic, Germany, Hungary, Italy, Poland, Slovakia and Slovenia.

DISCOVER MORE ABOUT ENTRAIN

www.interreg-central.eu/entrain

Contact us

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