

## Danube Transnational Programme 3rd Call Project:

# DanuP-2-Gas:

Innovative model to drive energy security and diversity in the Danube Region via combination of bioenergy with surplus renewable energy

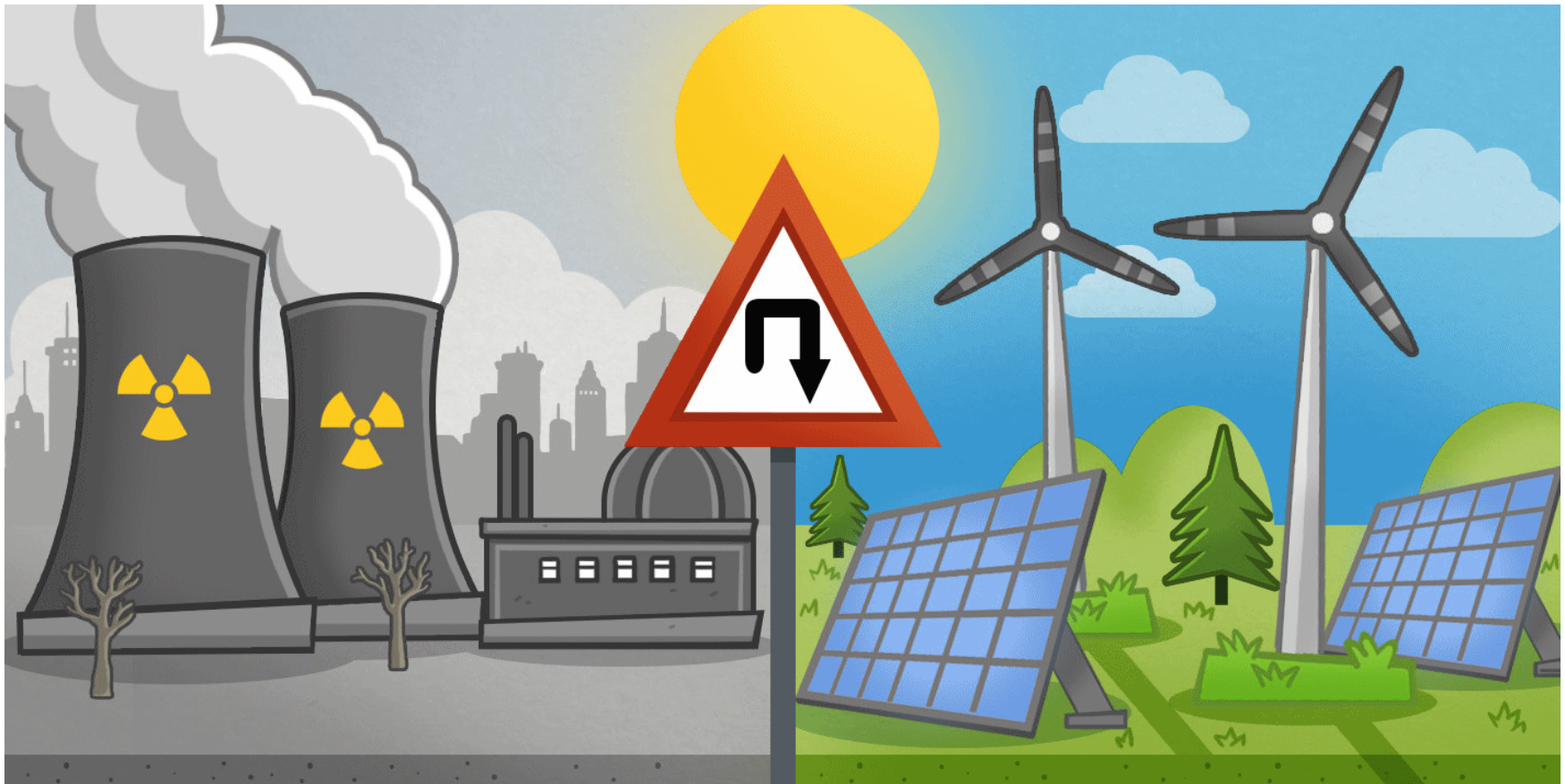
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## Overview

1. Background
2. General Idea
3. Objectives
4. Methodology
5. Outputs
6. Partners

# Background

## Sustainable Energy



source: Fairtradepower.de

# Background I

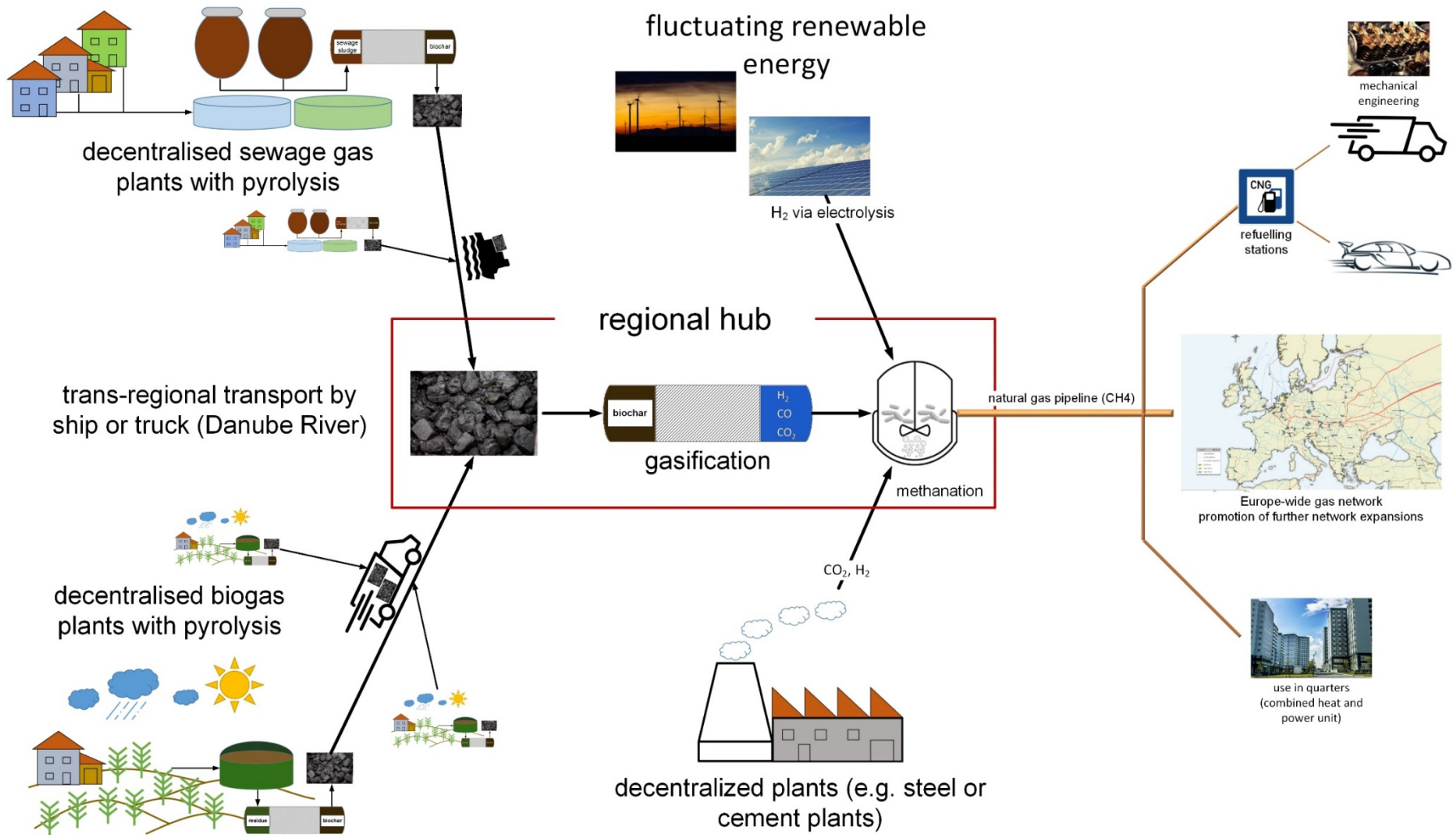
## The Danube Region

- General share of fossil fuel ~65%
- Strong dependance on natural gas imports
- Average renewables share ~20% (gross energy consumption)
- Very large unused biomass potential

# General Idea

- Diversification of the energy production
- Biomass integration into the energy market
- Renewable natural gas as bioenergy carrier
- Decentralized plants supporting local value chains
- Coupling of the gas and electricity sector

# Concept Overview



# Main Objective

- diversification of energy sources
- expand generation of renewable energy
- create storage strategies for renewables
- advance the electric power and gas sector coupling

# Methodology

- Establish a central platform for all stakeholders
- Provide data on biomass and infrastructure
- Provide usefull tools for stakeholders to make use of this data
- Assess policy situation for sector coupling and develop national roadmaps and a region wide strategy



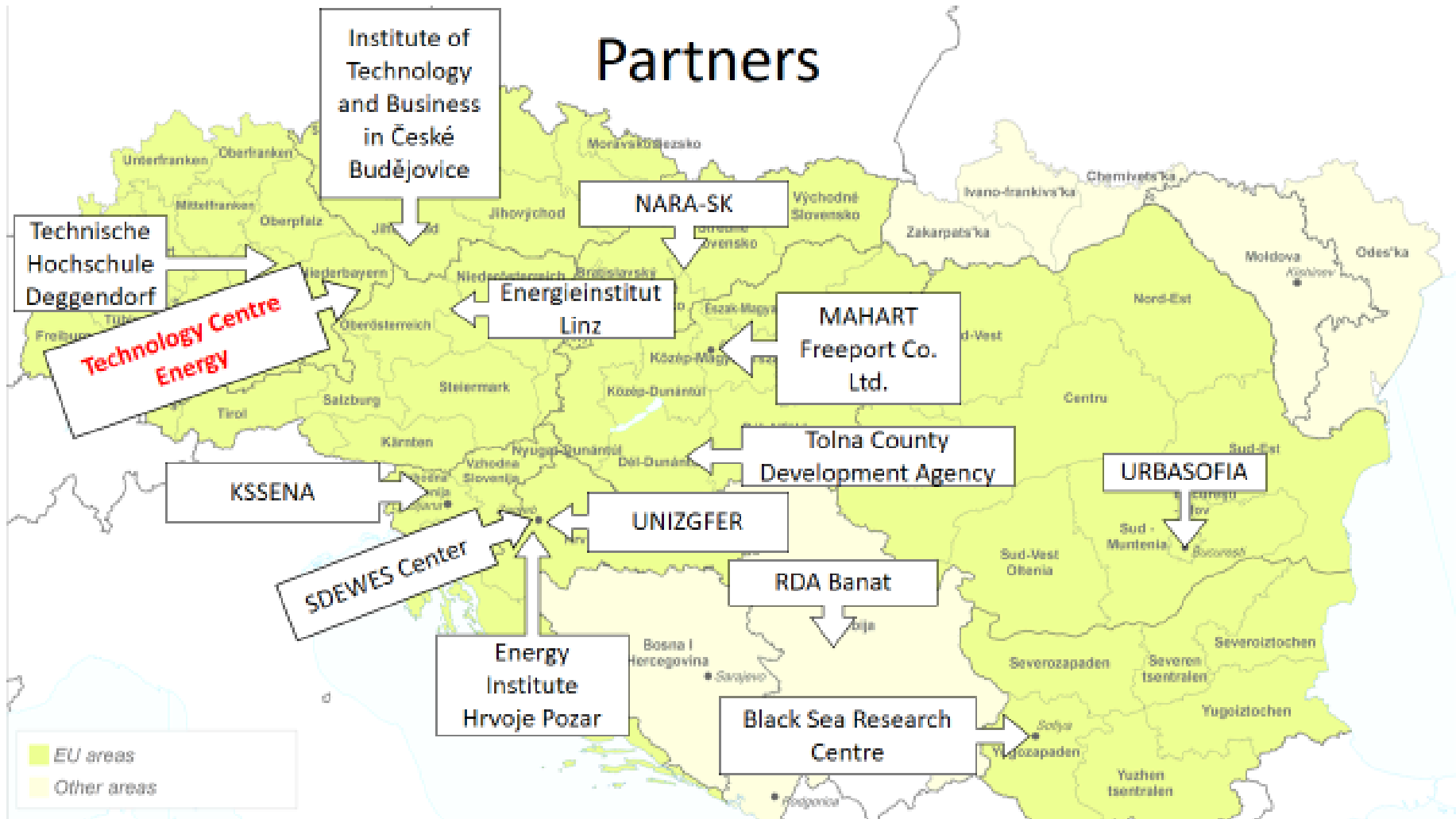
# Methodology I

- Building strongly on predecessor projects (Energy Barge, 3Smart, BOOSTE-CE)
- High level of stakeholder engagement
- Close cooperation with parallel projects
- Strong support for subsequent project development

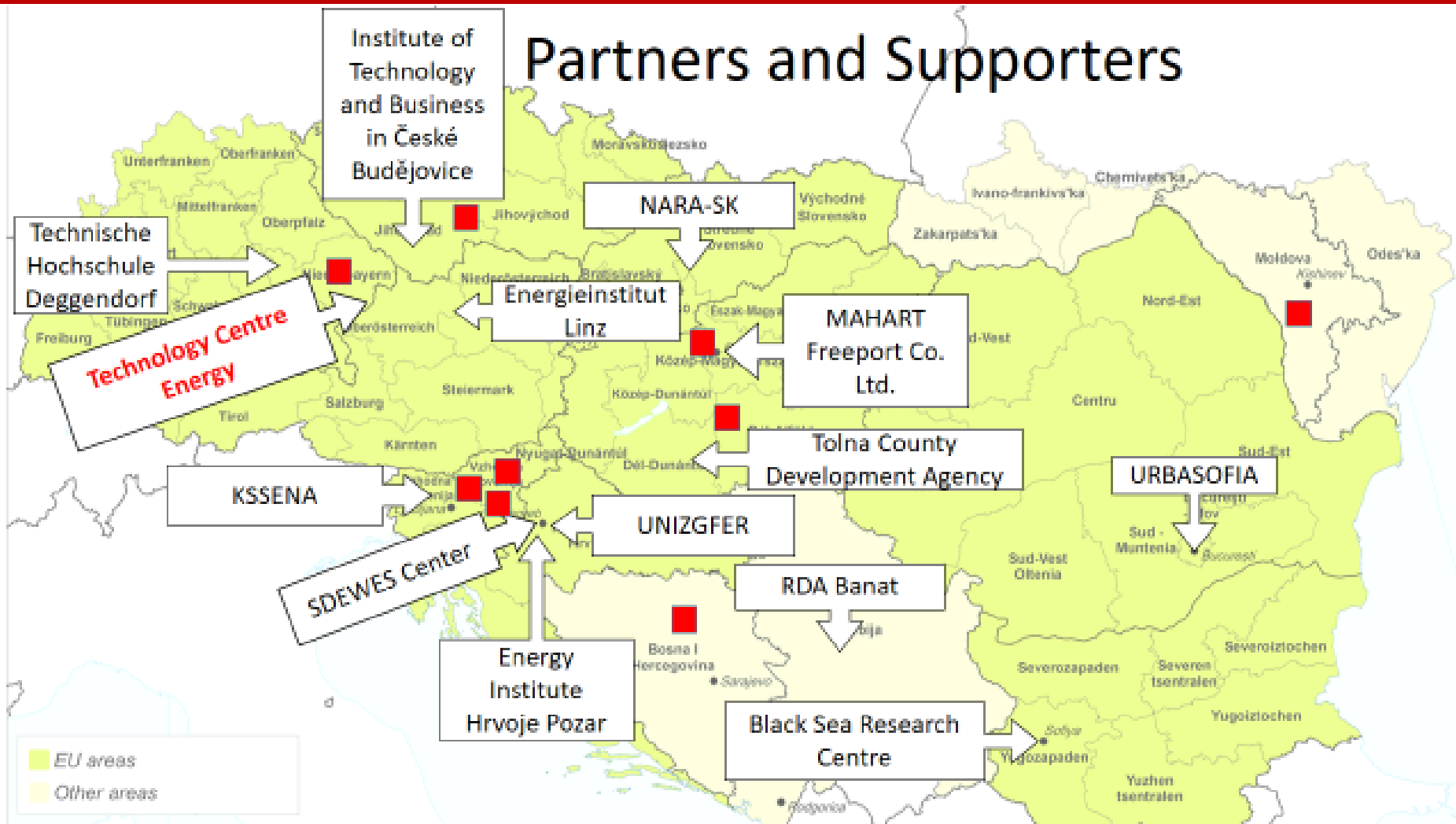
# Outputs

- Danube Energy Platform
- Transnational Renewable Energy Atlas
- User Training on the Atlas
- Pre-feasibility Study
- Tool for Optimizing Sector Coupling Hubs
- Subsidies Catalogue
- Workshops for Future Projects and Funding
- Cooperation with Policy Institutions
- Transnational Strategy for Effective Sector Coupling

# Partners



# Partners & Supporters



# Thank You!



## Questions?