

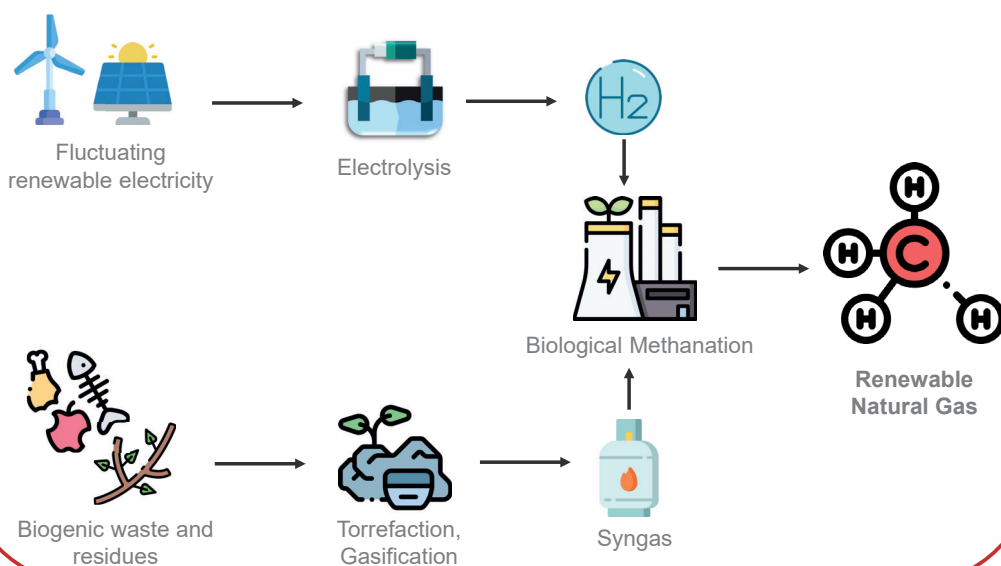
PROJECT DANUP-2-GAS

INNOVATIVE MODEL TO DRIVE ENERGY SECURITY AND DIVERSITY IN THE DANUBE REGION VIA COMBINATION OF BIOENERGY WITH SURPLUS RENEWABLE ENERGY

Motivation

- High dependence on energy imports and low share of renewables in the Danube Region
- Great potential for bioenergy and renewables along the Danube River
- Renewable Natural Gas can substitute fossil gas imports using existing infrastructure

Concept



Goals

- Supporting investments in the renewable energy and green gas sector
- Decreasing energy dependence and increasing energy security
- Increasing production of renewable energy and biogenic waste utilization
- Building a transsectoral and transnational energy community

Results

Danube Energy Platform

Transnational Renewable Energy Atlas	Optimization Tool for Local Sector Coupling Hubs	Pre-Feasibility Studies for all partner countries	Subsidies Catalogue	Stakeholder Workshops	Trainings	Transnational Strategy for barrier reduction	Policy Cooperation
GIS tool showing locations of biogenic resources and infrastructure (grids, renewable energy plants, transport hubs)	Tool to calculate ideal Power-to-Gas parametrization (operation schedule, investments and operation costs, payoff period) for certain locations	Studies to estimate the potential of sector coupling and Power-to-Gas technologies in the Danube Region countries	Catalogue to find suitable funding programmes and other financial support for future projects	Workshops to develop future projects	Training on usage of the Atlas and Optimization Tool	Transnational strategy to reduce barriers hampering investments in RNG and hydrogen technologies	Sensibilization of policy actors for sector coupling and Power-to-Gas technologies

Partnership

