



W2GAS

Waste-To-Compost and Green Energy

Know-how Event

Markus Eppich, Project Manager

Vienna, September 2020



Proposed Agenda

- Top 1: Welcome & Introduction (Robert Rafael, Pro Danube Management)
- Top 2: Introduction into the W2GAS project (Markus Eppich, Pro Danube Management)
Introduction into the kit4market programme (Petra Huber, aws - Austria Wirtschaftsservice)
- Top 3: Presentation of AußenwirtschaftsCenter Bukarest (Gerd Bommer)
- Top 4: W2GAS Findings
 - Framework conditions in Romania / Galați Region (Silviu Meterna, Pro Danube Romania)
 - Technical background / Potential analysis for Austrian companies (Daniel Fleischmann, Clean Energy Solutions)
- Top 5: Green know-how transfer (Interactive presentation and Q&A session) / Austrian technology and service providers
 - Gas as a transport fuel – development in the Danube Region (Günther Kreuzhuber, OMV)
 - Biofuels development (Christian Dyczek, MÜNZER Bioindustrie)
 - STRABAG Umwelttechnik (Axel Huber)
 - AAT Abwasser- und Abfalltechnik (Johanna Bogner)
 - Biogest Energie- und Wassertechnik (Martin Schlerka)
- Top 6: Conclusion & closing of event



Top 1 & 2 - Table of Content

- Pro Danube Management - Company Profile

- Introduction into W2GAS
 - Intro kit4market
 - Intro the project W2GAS

- Basic set-up of the Project and Work Packages
 - WP2 “Market analysis and framework conditions”
 - WP3 “Potential analysis”
 - WP4 “Technology transfer”



Pro Danube International – Structure & Objectives

Platform of private companies with strategic economic interest in better framework conditions and higher public investment in the Danube transport & logistics system

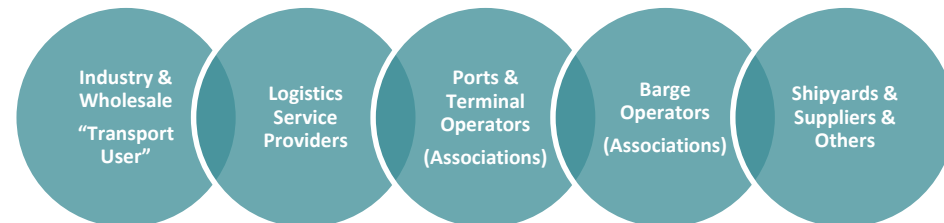
PDI in a nutshell

- Established autumn 2011 by a group of companies & associations
- Non-profit association based in Vienna
- Network of currently more than 180 companies
- More than a lobbying organisation as it initiates and executes projects
- Service company: Pro Danube Management GmbH
- Initiator & coordinator of policy initiatives & projects in IWT, port development & sustainable alternative fuels
- More info at: www.prodanube.eu

Priorities

- Engagement for better waterway maintenance & execution of TEN T bottleneck projects
- Promotion of investment in Danube ports
- Support to modernization of Danube fleet
- Elimination of administrative barriers
- Active involvement in EC initiatives & programs

Partners





Pro Danube Management GmbH – Structure & Objectives

Pro Danube serves its members as a competence centre for **EU grants accession** and for **EU projects applications** preparation as well as for **consultancy and project management** of IWT related EU-funded projects in the following fields:

- **fleet modernisation**
- **alternative fuels**
- **ports development & digitalisation**
- **green and efficient navigation**
- **education and training.**

Additionally, Pro Danube has organised several transnational know-how transfer events in relation to Danube fleet modernization and ports development.



Tailored solutions to the needs of our members



INTRODUCTION INTO W2GAS AND KIT4MARKET

Introduction into kit4market

Introduction into W2GAS



W2GAS - Kit4market

- Contractor: aws; Austria Wirtschaftsservice GmbH
[/ BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology]
- Studies supporting commercial, international **technology transfer**
- Successful positioning of **Austrian technology**
- Improving **market position**
- Target country **outside the euro area**

- Programme closure 31.12.2019
- Co-financing up to EUR 100,000
 - Subsidy can be up to max. 90% of eligible costs
 - Funded through “De-minimis” rule
- Project duration up to 12 months



W2GAS - Kit4market

- Project start / end: 01.01.2020 - 31.12.2020
- Final invoice to be submitted until: 31.03.2021

- Project costs requested (based on own calculation): EUR 101,763.00

- Eligible costs according to kit4market guidelines: EUR 92,586.00
 - Staff costs (pre-defined)
 - Translation costs
 - Travel costs
 - Costs for third-party services

- Funding: EUR 83,300.00



INTRODUCTION INTO W2GAS AND KIT4MARKET

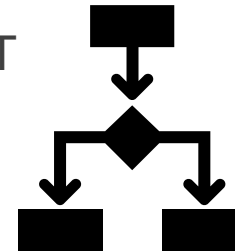
Introduction into kit4market

Introduction into W2GAS



Project background storyline

- Pro Danube´s investigations
 - Sustainable inland waterway transport
 - LNG as fuel
 - Biomethane
 - Treatment of municipal waste RO vs AT
 - Recycling and composting vs. Landfill



- W2GAS - Waste-To-Compost and Green Energy

Waste to gas



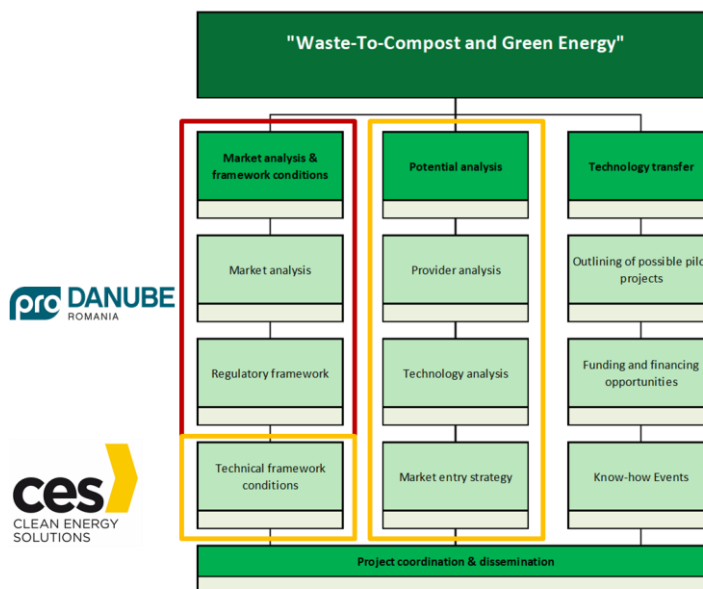
Recommendations / proposals for usage



W2GAS at a Glance

The project's aim is to investigate **implementation options for a waste to biogas plant** in Romania, based on innovative technologies and **know-how originating from Austrian**.

- The gained data, together with the analysis of opportunities for the use of the processed products, **compost** and the **usage of biogas** as fuel, will provide information on possible **technology exports**.
- **Positioning of Austrian technology** and **improving the market position** of Austrian companies in Romania for further commercial, international **technology transfer**



Waste to gas



Recommendations / proposals for usage

Quick Facts:

- Contractor / Client:
 - aws - Austria Wirtschaftsservice GmbH
 - BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology
- Project duration: January – December 2020
- Total Budget: 92.586,00 €
- Consultants / Subcontractors:
 - Pro Danube Romania
 - CES – Clean Energy Solutions



BASIC SET-UP OF WORK PACKAGES AND FIRST RESULTS

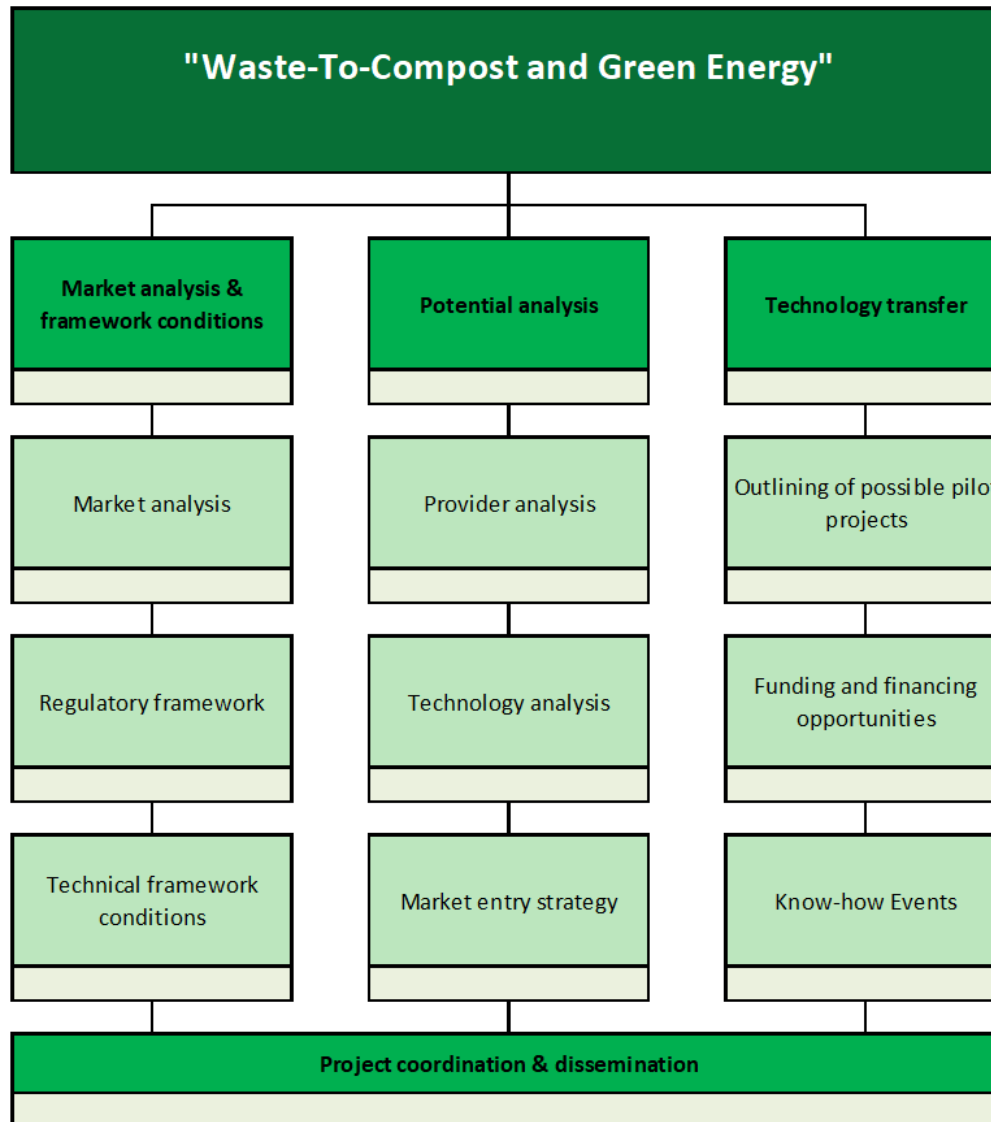
WP2 “Market analysis and framework conditions”

WP3 “Potential analysis”

WP4 “Technology transfer”



W2GAS - Work Breakdown Structure



Work Package 1: “Project coordination & dissemination”

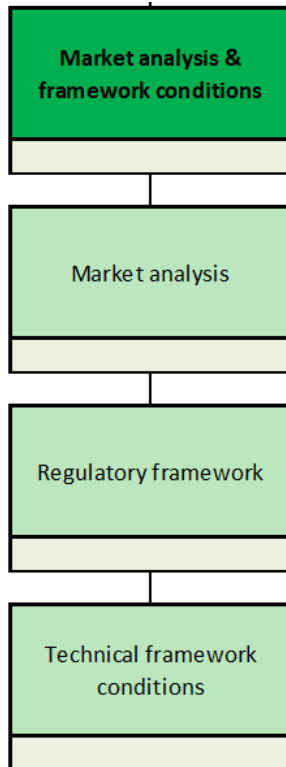


Project coordination & dissemination

- Project Management
 - Grant management
 - Coordination with sub-contractors
 - Quality Assurance

- Communication measures between Stakeholder
 - Internal & External
 - Social Media
 - Newsletter

Work Package 2: “Market analysis & framework conditions”



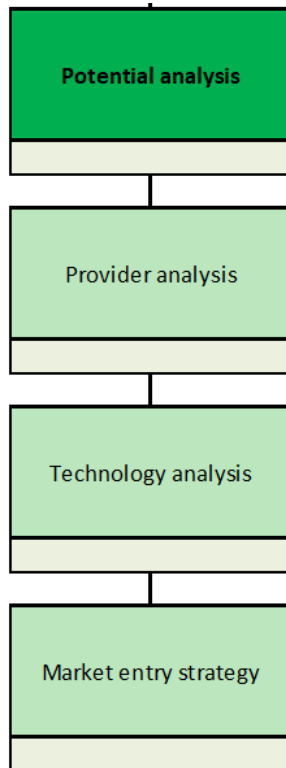
- Market analysis “waste”
 - Waste supply analysis
 - Demand analysis

- Regulatory framework
 - Waste disposal / procurement
 - Biogas (plants) in Romania

- Technical framework conditions
 - Biogas plants
 - CNG & LNG as fuel in the transport sector



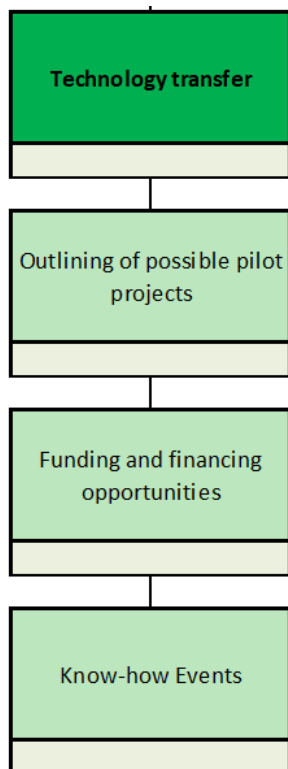
Work Package 3: “Potential analysis”



- Provider analysis
 - Potential Austrian technology providers or providers of technology-related services
 - Short list of technology/service provider
- Technology analysis
 - Analysis of market advantages of Austrian technology providers / Conclusions
- Market entry strategy
 - Model region “Galați”



Work Package 4: “Technology transfer”



- Outlining of possible pilot projects
 - Information on local conditions
 - Drafting project idea
- Funding and financing opportunities
 - Upcoming funding programmes (MFF 2021-2027)
 - Upcoming co-financing programmes (MFF 2021-2027)
- Know-how Events
 - 1st Know-how event in **Online**: September 2020
 - 2nd Know-how event in **(Romania / online - tbd)**: November 2020





Further Information & Contact

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The banner features the Pro Danube International logo at the top. Below the logo is a horizontal strip of three images: a port with yellow cranes, a construction site with a yellow crane, and a map of the Danube river basin. The bottom section of the banner is dark teal with white text and a yellow website URL.

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**THE VOICE FOR BETTER
INFRASTRUCTURE AND
INNOVATION IN DANUBE
TRANSPORT**

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