



W2GAS

Waste-To-Compost and Green Energy

2nd Know-how Event

Markus Eppich, Project Manager

Vienna, November 2020



Proposed Agenda

- Top 1: Welcome & Introduction
- Top 2: The W2GAS project and its findings
 - (Markus Eppich, Pro Danube Management) (Robert Rafael, Pro Danube Management)
 - (Silviu Meterna, Pro Danube Romania) (Daniel Fleischmann, Clean Energy Solutions)
- Top 3: Green know-how transfer # 1 (Interactive presentation and Q&A session)
 - Sector Focus Infrastructure of ADVANTAGE AUSTRIA Romania, direct subsidy schemes of ADVANTAGEA AUSTRIA (Gerd Bommer, AußenwirtschaftsCenter Bukarest)
 - Overview of the upcoming EU and national subsidy schemes (Johannes Becker, TPA Romania)
 - Environmental policies in Romania, how to tackle the permitting procedures (Martin Dreiseitel, F&R Worldwide S.R.L.)
- Top 4: Green know-how transfer # 2 (Interactive presentation and Q&A session)
 - Developments in the field of LNG infrastructure initiatives in the Port of Constanta in line with the relevant EU policies (Andra Opreanu, Maritime Ports Administration - Constantza)
 - Concept and technical solution using LNG as fuel for river shipping on the Danube (Stefan Giuglea, SDG - Ship Design Group)
 - Waste management in Romania (Liliana Nichita, Federation of Intercommunity Development Association)
- Top 5: Conclusion & closing of event



Top 2 - The W2GAS project and its findings

- 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

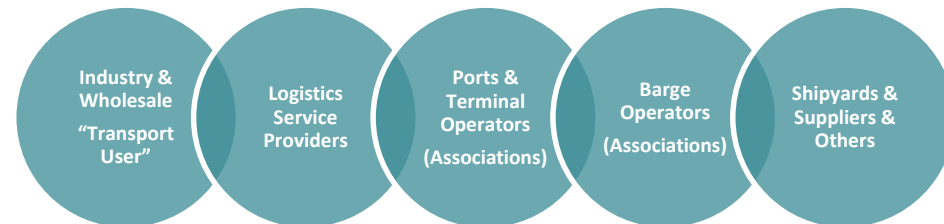
PDI in a nutshell

- 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** 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

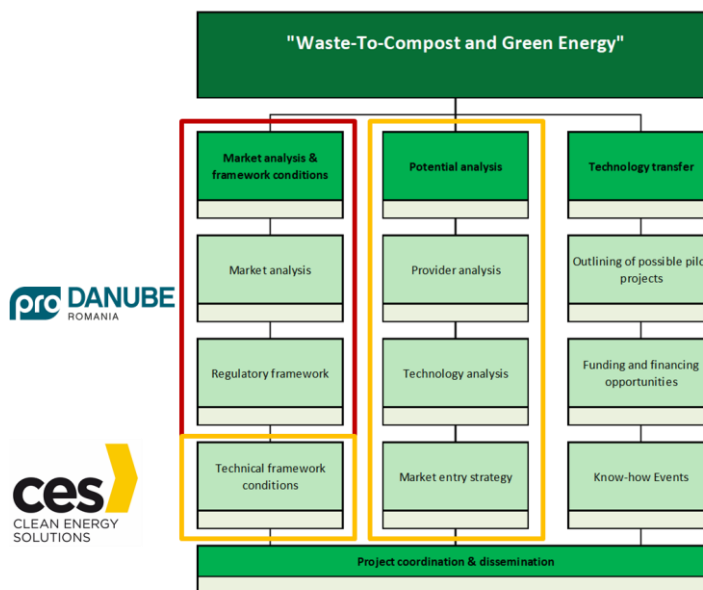
Introduction into W2GAS



W2GAS 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 Austria**

- 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

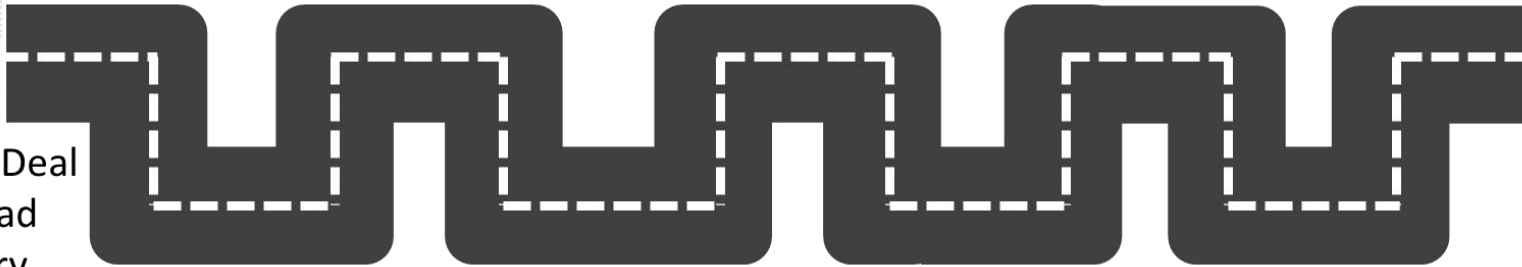
Quick Facts:

- 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



Project background storyline

■ Pro Danube's investigations



- European Green Deal
- NRMM - Non-Road Mobile Machinery
- Directive on deployment of alternative fuels infrastructure



The objective of the Action is the initial market deployment of a CNG station network accompanied by dissemination in order to facilitate the market uptake of CNG in Romania.

- Beneficiaries:
 - Coordinator: DENISSON ENERGY S.R.L.
 - NGVA Romania

- TIME: 03/2016 to 12/2019
- BUDGET: 5,212,238 EUR
- Percentage of EU support: 85%
- PROGRAM: CEF 2015 (2015-RO-TM-0373-M)
- Further information:
 - <https://cngromania.eu/>





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



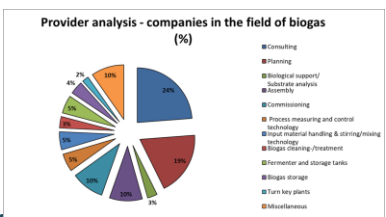
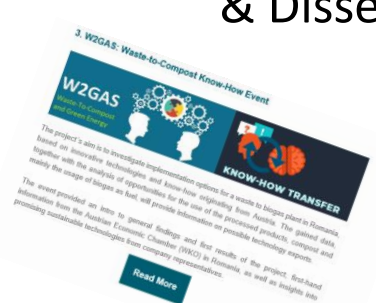
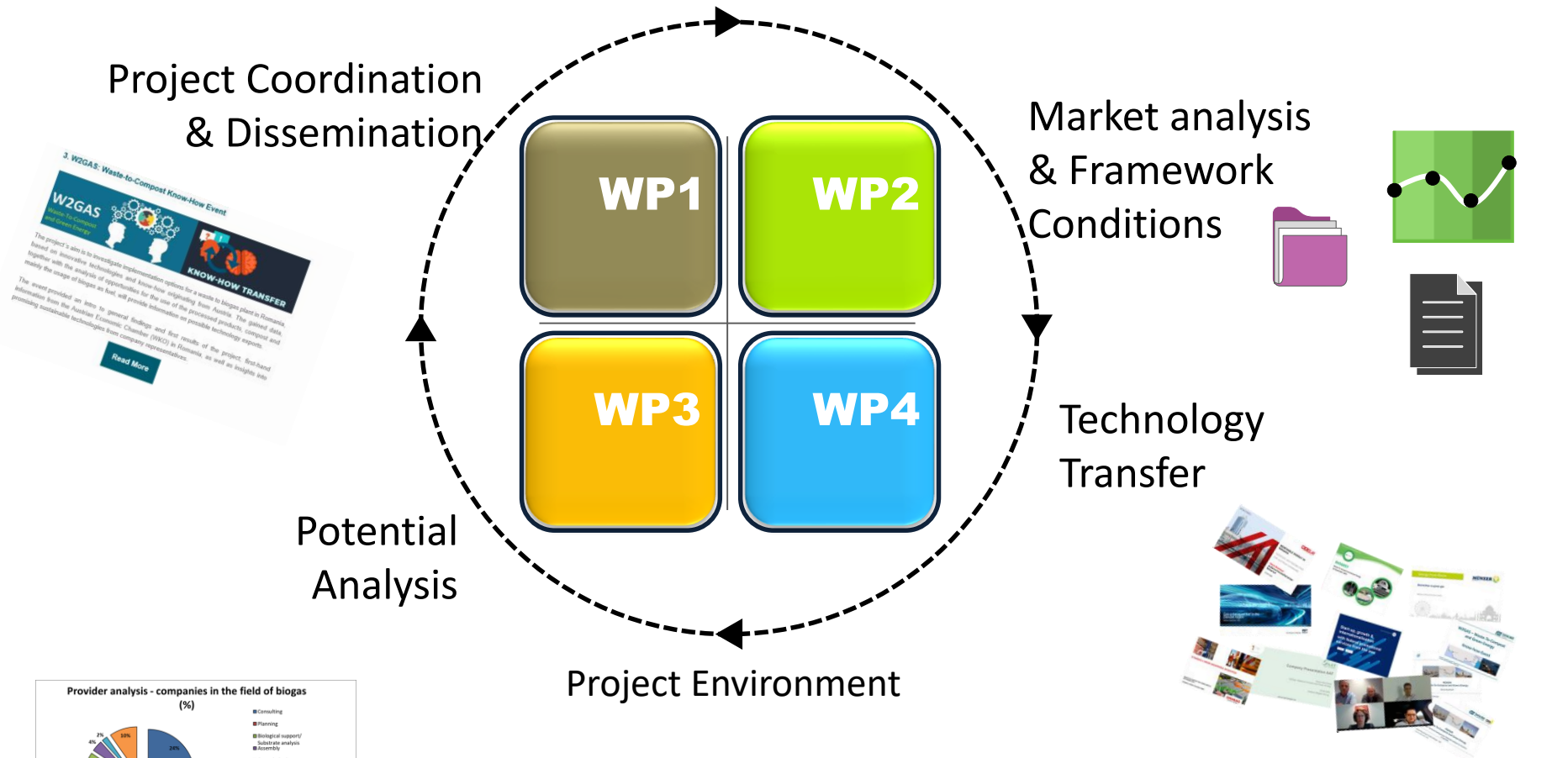
BASIC SET-UP OF WORK PACKAGES AND FIRST RESULTS

Basic project composition

WP4 “Technology transfer”

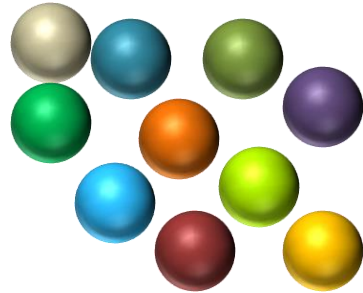


W2GAS





Work Package 4: “Technology transfer”



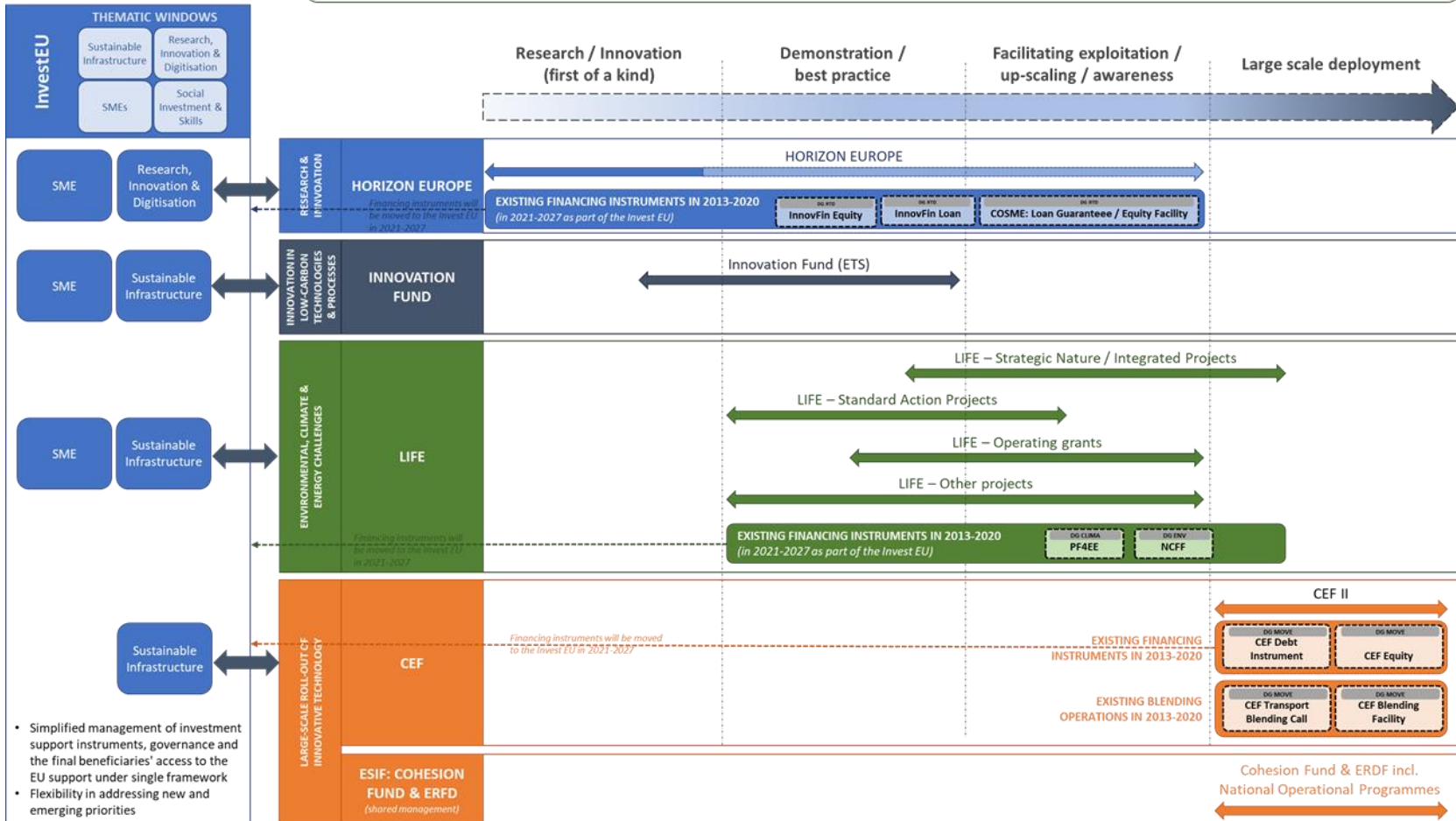
Technology
transfer

- Outlining of local conditions and project ideas
- Funding and financing opportunities
- Know-how Events

Overview over the funding / financing schemes in the upcoming MFF (2021-2027)



PROGRAMMES AND STAGES TO SHIFT TO A GREENER EUROPE (2021-2027)





Know-how Events

- The first edition of the know-how Event took place via an online due to the current COVID-19 situation on 29 September 2020
- The meeting was attended by a wide range of excellent speakers, giving an insight into Austria's support towards potential technology exports, sustainable developments in the fuel sector, as well as insights into Austrian biogas technology
- All presentations can be found on Pro Danube's homepage:
 - <https://www.prodanube.eu/news/183-know-how-transfer-in-the-field-of-austrian-biogas-technologies>

pro DANUBE
MANAGEMENT GMBH

**W2GAS - Waste-To-Compost and Green Energy
Know-how-Event**

Agenda

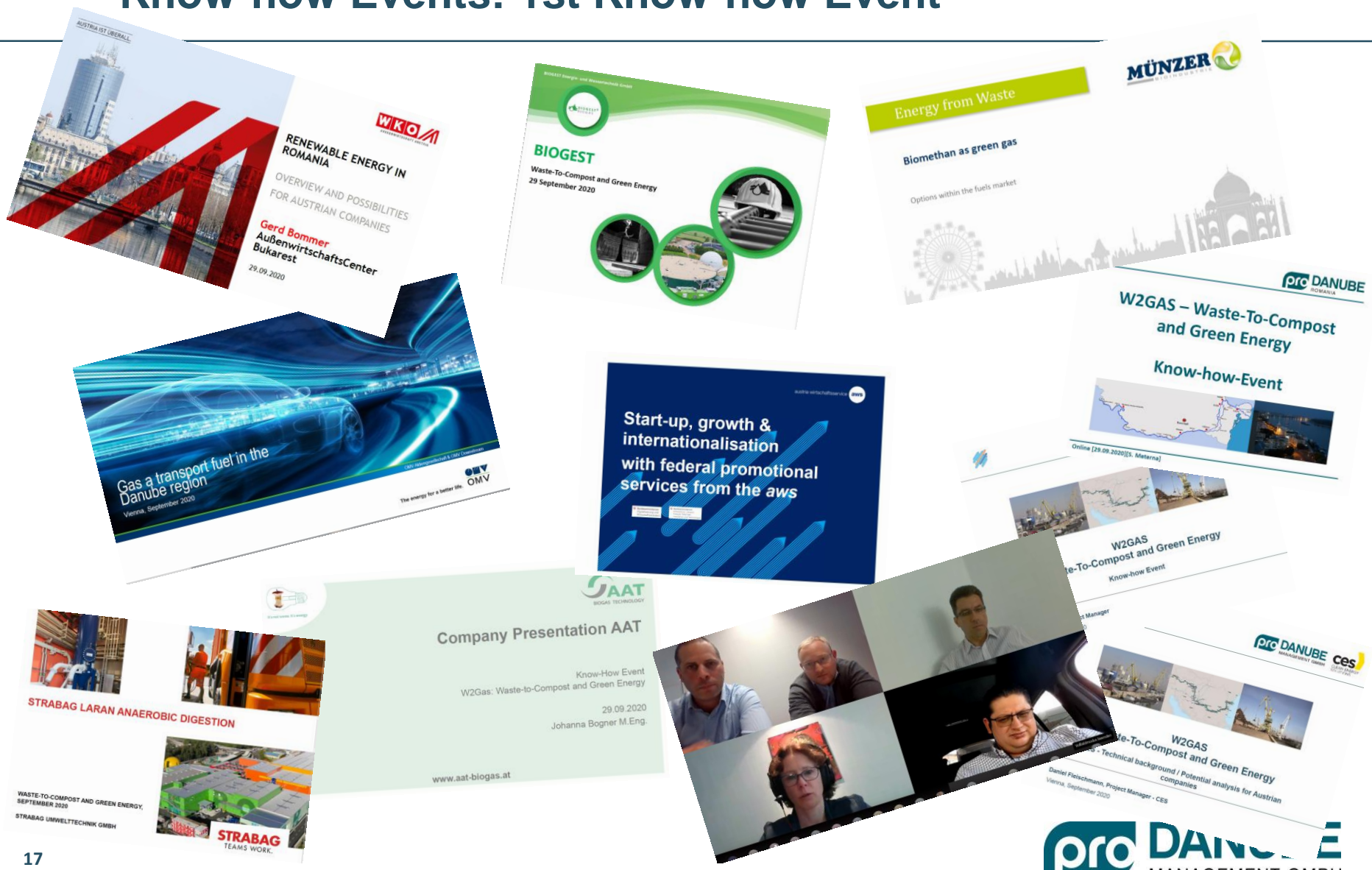
Date: **Tuesday 29th September 2020**
Venue: **Online Meeting via Microsoft Teams**
Hosted by **Pro Danube Management**
Time: **14:30 – 16:30 CET**

Top 0	Communication / dial in test
Top 1	Welcome & Introduction (Robert Rofner, Pro Danube Management)
Top 2	Introduction into the W2GAS project (Markus Eggen, Pro Danube Management) Introduction into the KIMarket programme (Petra Huber, aas - Austria Wirtschaftsservice)
Top 3	Presentation of Außenwirtschaftszentrum Bukarest (Gerit Bommer, Außenwirtschaftszentrum Bukarest)
Top 4	W2GAS Findings <ul style="list-style-type: none">• Framework conditions in Romania / Galatz Region (Silvia Mierem, Pro Danube Romania)• Technical background / Potential analysis for Austrian companies (Daniel Flirschmann, Clean Energy Solutions)
Top 5	Green know-how transfer (Interactive presentation and Q&A session) Austrian technology and service providers <ul style="list-style-type: none">• Gas as a transport fuel – development in the Danube Region (Gisela Emswiler, OMV)• Biofuels development (Christen Dyczek, MÜNCHER Bioindustrie)• Austrian biogas technology presentation #1 (Avel Huber, STRASIS Umwelttechnik)• Austrian biogas technology presentation #2 (Johanna Bogner, AAT Abwasser- und Abfalltechnik)• Austrian biogas technology presentation #3 (Martin Schlenk, Biogen Energie- und Wassertechnik)
Top 6	Conclusion & closing of event

Prepared by: Pro Danube Management GmbH Project co-funded by the KIMarket Programme



Know-how Events: 1st Know-how Event

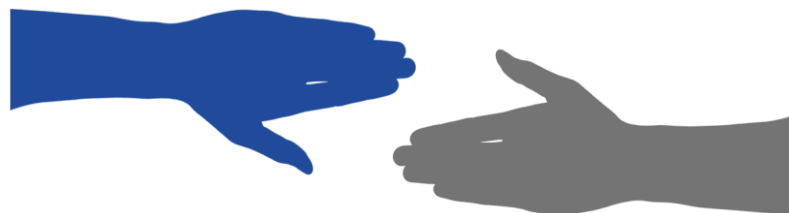




W2GAS Conclusions



- Report
- Database of know-how





Further Information & Contact

Markus Eppich

Project Manager

Pro Danube Management GmbH

E eppich@prodanube.eu

M +43 699 1011 3470

Robert Rafael

General Manager

Pro Danube Management GmbH

E rafael@prodanube.eu

M +43 699 16139614

The banner features the Pro Danube International logo at the top. Below the logo is a horizontal strip of three images: a construction site with cranes, a large yellow crane, and a map of the Danube river basin. The main text of the banner reads "THE VOICE FOR BETTER INFRASTRUCTURE AND INNOVATION IN DANUBE TRANSPORT" in white capital letters on a dark teal background. At the bottom, the website address "www.prodanube.eu" is displayed in yellow.



CONCLUSION & CLOSING OF EVENT



THANK YOU FOR YOUR PARTICIPATION



Further Information & Contact

Markus Eppich

Project Manager

Pro Danube Management GmbH

E eppich@prodanube.eu

M +43 699 1011 3470


Robert Rafael

General Manager

Pro Danube Management GmbH

E rafael@prodanube.eu

M +43 699 16139614



pro DANUBE
INTERNATIONAL

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

www.prodanube.eu