

RE4Industry Knowledge Transfer Seminar Austria

100% Renewable for Energy-Intensive Industries

Hosted by Graz University of Technology
Friday, 21 October 2022 | Graz, Austria & remotely

Preprogramme (20.10.) and Postprogramme (22.10.) available for participants in the KT Seminar

How can Energy-Intensive Industries shift away from fossil fuel dependence?

As the need to mitigate climate change and the cost of fossil fuels grows increasingly, renewable energies become an essential driver of the shift toward a low-carbon future. To succeed in this systemic transition, Energy-intensive Industries (EIs), which make up more than half of the energy consumption of the EU industry, must rapidly align their growth strategy with societal needs for sustainable development and climate action. How can this transition be accomplished without jeopardizing their competitiveness or endangering essential industrial processes?

The RE4Industry Knowledge Transfer Seminar Austria will provide a platform to debate how EIs can succeed in this challenge and accelerate the already ongoing shift towards renewable energy solutions initiated with the RE4Industry project, funded by the European Commission under Horizon 2020. By bringing together experts from various backgrounds with industry representatives, the event will provide a comprehensive overview of European success cases, best practices, policy recommendations, and technological roadmaps for promoting renewable energy adoption.

Friday 21 October 2022

8.00 – 8.45 Welcome Reception & Statements

8.00 – 8.10 Welcome statements provided by host and co-organisers Rector of Graz University of Technology and ESEIA President **Harald Kainz**, President of the Federation of Austrian Industries Styria **Stefan Stolzka**, and Vice President of the Federation of Austrian Industries Carinthia **Michael Velmeden**.

8.10 – 8.40 Policy statements of each 10' by **European Commission** DG for Research and Innovation, Clean Planet, **Senior Expert Clean Energy Transition Maria GEORGIADOU** (remote participation), Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology **Leonore Gewessler**, and Deputy Governor of Carinthia **Gaby Schaubig**.

8.40 – 8.45 Introductory statement on behalf of the RE4Industry Project Coordinator at CIRCE **Clara Jarauta-Córdoba**.

Moderated by ESEIA Director and Director International Strategic Partnerships at TU Graz **Brigitte Hasewend** and President of EUREC and Managing Director Projects at WIP Renewable Energies **Rainer Janssen**.



8.45 – 10.00 RE4Industry Project Presentation

During this session, the RE4Industry Project will be presented by Project Experts.

- Valorization and Biomass Team Lead in Industry and Energy Area in CIRCE, former RE4industry Project Coordinator **Clara Jarauta-Córdoba** (Spain): project overview
- ESEIA Vice-President and Former Managing Director Regional Innovation Centre (RIC) **Josef Fürlinger** (Austria): RE4Industry Expert Group Society (*video message*)
- Business Development & Membership Director at Bioenergy Europe **Manolis Karampinis** (Greece), Topic: Status and best practices for RE integration in EILs
- Senior Consultant at BTG – Biomass Technology Group **Martijn Vis** (Netherlands), Topic: Case studies on innovative solutions for RE adoption in EILs
- Technology Project Manager at CIRCE, RE4Industry Project Coordinator **Alessandro Carmona** (Spain), Topic: Short and long-term innovative energy solutions for full EILs decarbonisation through RE (*remote participation*)

10.00 – 10.15 Coffee Break 1

10.15 – 11.30 SOLUTION PACKAGE 1: Panel on Circular Bioeconomy chaired by Marlene Kienberger, TU Graz

This panel session elaborates on the benefits of circular biobased systems for decarbonization.

- Industry:
 - Manager at Sappi Gratkorn R&D Site **Mario Schmied**
 - CEO of Heinzl Group and President of Austropapier **Kurt Maier**
 - Director of Env Protection and Safety Department at FunderMax **Harald Macheiner**
- Research and Education:
 - Vice Head of the Institute for Chemical Engineering and Environmental Technology at Graz University of Technology **Marlene Kienberger**
 - Professor for Sustainability Management at University of Graz **Rupert J. Baumgartner**
 - cand. PhD Energy Network Technology at University Leoben **Peter Nagovnak**
 - Research Group Leader in the field of Sustainable Technologies and Process Simulation at Vienna University of Technology **Walter Wukovits**
 - Area Manager Projects & Services Wood K plus **Herfried Lammer**

Moderator: CEO at BioBASE GmbH, **Thomas Timmel**

11.30 – 12.45 SOLUTION PACKAGE 2: Panel on Green Hydrogen chaired by Viktor Hacker, TU Graz

This panel session reviews the potential of green hydrogen systems for decarbonization.

- Industry:
 - Energie Steiermark CEO **Martin Graf**
 - CEO of Infineon Technologies Austria **Sabine Herlitschka** (remote participation)
- Research and Education:
 - Research Group Leader in the field of Fuel Cell and Hydrogen Systems at Graz University of Technology **Viktor Hacker**; Research Group Leader in the field of Chemical Reaction Engineering at Graz University of Technology **Susanne Lux**; Head of the Institute for Electricity Economics and Energy Innovation at Graz University of Technology **Sonja Wogrin**
 - CEO and Scientific Research Director at HyCentA **Alexander Trattner**

12.45 – 14.00 Business lunch

14.00 – 15.00 Breakout Group 1: Industrial Energy Needs

This 1st breakout group session discusses the Fitfour55 targets and reviews framework conditions needed to reach them.

- Special Envoy for Green Industrial Policy in the Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology **Michael Losch**.
- Expert for Infrastructure, Transport, Resources, Energy, Federation of Austrian Industries **Judith Obermayr-Schreiber**
- RE4Industry representative - Business Development & Membership Director at Bioenergy Europe **Manolis Karampinis**

15.00 – 15.15 Coffee break 2

15.15– 16.15 Breakout Group 2: Renewable Energy Solutions: What are the main triggers for energy system transformation?

This 2nd breakout group session addresses renewable energy solutions and highlights main triggers for systems transformation.

Head of the Institute for Chemistry and Technology of Materials at Graz University of Technology **Martin Wilkening**, Researcher at Joanneum Research, GmbH, Policies, **Eric Kirschner**, Professor at UZagreb, Faculty of Mechanical Engineering and Naval Architecture FSB, **Goran Krajačić**

16.15 – 16.30 Closing Remarks

17.00 – 18.00 Site visit to [HyCentA](#) located at the Inffeldgasse Campus of Graz University of Technology (*max. 30 participants*)

19.00 – 21.00 Dinner at [Schlossberg Restaurant](#) (cost-covering fee)

Before and After the KT Seminar

Thursday 20 October: PRE-PROGRAMME

15.00 – 17.00 Site visit to EII [SAPPI](#) (*max. 20 participants, please register soon*)

19.00 – 21.00 Dinner with international guests at [Parkhotel Graz](#) (cost-covering fee)

Saturday 22 October: POST-PROGRAMME

9.00 – 14.00 Excursion to the Styrian vineyards including two site visits:
Site Visit to [green hydrogen production plant Gabersdorf](#), Energy Styria, Wolfram AG
Site Visit to [Winery spitzyPeitler](#) to learn about the use of bioenergy for cooling
followed by lunch at [Wine Hotel Gut Pössnitzberg](#) (cost covering fee incl. bus transfer service)

Practical Details

Accommodations

Parkhotel Graz

Leonhardstrasse 8, D-8010 Graz, Austria

Phone +43 316 3630 26 | Fax +43 316 3630 50

office@parkhotel-graz.at | www.parkhotel-graz.at

Price: €127,00 per day for the Economy Single Room

Included in Price: breakfast, free parking, free use of "Little Spa", including indoor pool, sauna and fitness room, as well as all taxes and duties.

To book: by e-mail to office@parkhotel-graz.at and reference RE4Industry Knowledge Transfer Seminar Austria

Hotel Gollner

Schloegelgasse 14, 8010 Graz, Austria

Phone +43 316 822521 0 | Fax +43 316 22521 7

office@hotelgollner.com | www.hotelgollner.com

Price: €107,00 per day for the Classic Single Room

Included in Price: breakfast, free parking, as well as all taxes and duties.

To book: by email to office@hotelgollner.com by **29 September 2022** and reference RE4Industry Knowledge Transfer Seminar Austria

Fees

Please note that the RE4Industry Knowledge Transfer Seminar Austria is free of charge as the seminar is paid for by the European Commission Horizon 2020 R&I Programme RE4Industry Grant No 952936. We also thank our partners Federation of Austrian Industries Styria and Carinthia for covering additional cost.

Those who participate in the dinner event after the seminar as well as in the pre- and post programme events will be charged a moderate cost-covering fee.

Registration

Please [register here](#) by **16 October 2022**. Please note that there is a limited number of attendees for the pre- and post-programmes. First come first served.

