

PROGRAMME – as of 12 January 2024

R2Gas Biomethane Workshop Vienna, 24th April 2024

The workshop will be organised in two blocks:

A. Technology

A/1. Main tendencies in biogas upgrading technologies (share of different technologies in operating units/new investments, economy of scale for different technologies, room for improving efficiency, reducing energy consumption and methane loss)

Speaker: Michael Beil, Fraunhofer

A/2. Chemical absorption and membrane separation technologies – (efficiency indicators, references, recent developments in the technologies, the technical limits of efficiency)

Speaker: Raiko Kolar, Hitachi Zosen Inova

A/3. Water scrubbing keeps losing the leading position (What are the reasons? Has Water scrubbing reached full maturity? Are there still unutilised reserves for improving efficiency and feasibility?)

Speaker: invited from Malmberg

A/4. Latest developments in cryogenic separation (achieved efficiency in operating units, co-production of food-grade carbon-dioxide, economy of scale? Possibilities for reducing electricity consumption)

Speaker: invited from Cryo Pur

A/5. Case study: sewage gas upgrading facility in France (selection of technology for sewage gas pre-treatment and carbon dioxide separation)

Speaker: Yves Membrez, R2Gas

A/6. Small-scale biomethane liquification (practical examples of operating units, experiences, references, energy consumption, technical and economic bottlenecks)

Speaker: Jan Stambasky, R2Gas

B. Markets

B/1. Renewable gases in the Union Database (mass balancing rules, applications, limitations and opportunities for biomethane, co-existence with the Guarantees of Origin schemes)

Speaker: Galin Gentchev, European Commission

B/2. European market for biomethane guarantees of origin (factors determining the price movements on the biomethane Guarantees of Origin (GO) market, EN-CEN standard for renewable gas GOs and its implementation in the European countries)

Speaker: Kevin Lim, Veyt

B/3. Pathways for moving biomethane from East to West (are export dependent biomethane investments in East-Europe viable?)

Speaker: invited from Total Energies

B/4. EU - ETS and biomethane (sustainability certification, co-existence with Union Database and Guarantees of Origin market)

Speaker: Thomas Siegmund, SURE-System

OB/5. The carbon dioxide market (competitiveness of biomethane industry with other industries producing carbon dioxide, main factors in pricing of carbon dioxide on the regional markets)

Speaker: invited from Air Liquide