

# Harnessing Renewables for a Sustainable Future: Exploring CCU, Power-to-X and Solar-to-X Innovations

Making sustainable fuels, chemicals and materials solely from renewable energy, water and abundantly available resources is a promising pathway for climate change mitigation. Join us for an exciting exchange at the crossroads of R&I, policy and investment around CCU, power-to-X and solar-to-X technologies!

EnergyVille, Genk (BE), June 4-5, 2024

## Preliminary agenda

Tuesday, June 4, 2024

Time	Session
11:30	Registration and welcome lunch
12:30	Setting the scene
13:00	Societal challenges meet deep tech solutions: pitching session
14:30	Coffee break
15:00	Solar-to-X: Where are we now?
15:45	European paradox: How to transfer technology to innovation?
16:45	Short break
17:00	Breakout sessions
18:00	Dinner

Wednesday, June 5, 2024

Time	Session
09:30	Welcome coffee
10:00	Coffee with money: fundraising strategies for scaling-up
10:45	The devices of tomorrow
11:45	Fair benchmarking and standards to enable the societal uptake
12:30	Lunch and exhibition
13:30	Challenges and opportunities: Industry and governmental views
14:30	How does it work in practice? Site visit EnergyVille
15:30	Wrap-up and goodbye

## **Additional information:**

[Open EIC Challenge “Solar-to-X”](#): To make progress towards synthetic fuels and chemical technologies integrating all necessary conversion steps into a single device, solely and directly driven by solar energy.

[Location: EnergyVille, Genk \(Belgium\)](#): Energy R&D innovation hub, located at the former mining site of Waterschei.

## **Confirmed speakers and panelists**

- Maximilian Fleischer (Siemens Energy)
- Nicola Armaroli (CNR - Italian National Research Council)
- Jérôme Samson (European Investment Bank)
- Lipsa Nag (Marble Studio)
- Fabien Ramos (European Commission, DG Clima)
- Vera Grimm (German Federal Ministry of Education and Research)
- Carina Faber (European Innovation Council)
- Francesco Matteucci (European Innovation Council)
- Dennis Krämer (DECHEMA)
- Hannah Johnson (Toyota Europe)
- Csaba Janaky (Echemicles)
- Philipp Engelkamp (Ineratec GmbH)
- Gill Scheltjens (D-CRBN)
- Ennio Capria (European Synchrotron Radiation Facility)
- Miet Van Dael (VITO)
- Tom Aernouts (imec-IMMOMEC)
- Eric De Coninck (ArcelorMittal)
- Bill Tumas (National Renewable Energy Laboratory)
- Moritz Schreiber (TotalEnergies)
- Ifan Stephens (Imperial College London)
- Luis Sanz Tejedor (European Patent Office)
- Nicolas Pluméré (Technical University of Munich)
- Pau Farras (University of Galway)
- Rachel Armstrong (KU Leuven)
- Iker Aguirrezabal (University of Basque Country)
- Michael Eikerling (Forschungszentrum Jülich)
- Joanna Kargul (CENT, Warsaw University)
- Muriel Matheron (CEA)
- Laura Torrente Murciano (University of Cambridge)

## **Present institutions and associations:**

- European Commission
- Breakthrough Energy Venture

- European Investment Bank
- European Patent Office
- German Federal Ministry of Education and Research
- European deeptech start-ups and companies
- Global Impact Coalition
- National Renewable Energy Laboratory (NREL, U.S.)
- Leading European research and technology organizations, and universities

**And many more to be confirmed...**