



MANIFESTO

Developing the future paths towards safe & sustainable chemicals

The Road2GreenChem Cluster

We are six EU-funded projects developing and demonstrating innovative technologies for green chemistry, solar energy and green power to ultimately defossilise the chemical industry through closure of the carbon cycle. Our technologies will help Europe meet the ambitious climate targets of the EU Green Deal and contribute to achieving UN Sustainable Development Goals.

The group is addressing the growing need for:

- Secure, clean and efficient energy,
- Climate and environmental action, resource efficiency and sustainable raw materials,
- Clean and green production of chemicals without fossil fuels,
- New chemicals and materials safe and sustainable by design, from cradle to grave.

DECADE - A novel approach to photoelectrocatalytic devices.
www.decadeproject.eu

FlowPhotoChem – Developing a modular flow technology for solar chemistry.
www.flowphotochem.eu

OCEAN - New C2 paths in electrochemical conversion of CO₂ at demo scale.
www.aspire2050.eu/ocean

RECODE - Recycling carbon dioxide from the cement industry to produce added-value additives.
www.recodeh2020.eu

Solar2Chem - Training the next generation of solar chemical scientists and engineers.
www.solar2chem.eu

SunCoChem – Developing a photoelectrocatalytic tandem reactor to manufacture chemical products from renewable energies.
www.suncochem.eu

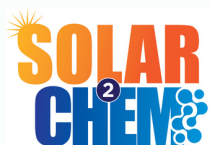
We, the representatives of the Road2GreenChem Cluster acknowledge that:

- Chemicals are essential in our modern society but the chemical industry is among the biggest sources of emissions within the industrial sector.
- In order to reach the ambitious climate goals set by the EU Green Deal, disruptive technologies to transform the chemicals industry are key.
- Real world demonstrations of the transformative potential of green chemistry, solar energy and green power for the chemicals industry are essential to drive uptake, scale-up and further innovation in the future.

There we declare our commitment to:

- Engage with academic, industrial and policy stakeholders to showcase the advantages of a solar-driven chemical industry in Europe,
- Highlight the green production of chemical products and drive a move away from fossil fuels in chemicals manufacturing,
- Develop and demonstrate innovative technologies in real-world settings to support wider uptake,
- Establish new standards for chemical industry defossilisation.

We sign this Manifesto on February 15th, 2022



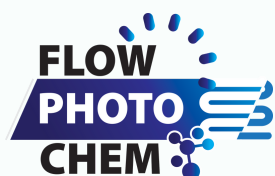
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**Discover Road2GreenChem's
innovation and take part in the
green revolution.**



This manifesto has been produced by ICONS in the context of the Horizon Results Boosterservices delivered to SOLAR2CHEM (GA N. 861151), FlowPhotoChem (GA N. 862453), SunCoChem (GA N. 862192), RECODE (GA N. 768583), DECADE (GA N. 862030) and OCEAN (GA N. 767798). This product does not reflect the views of the European Commission.