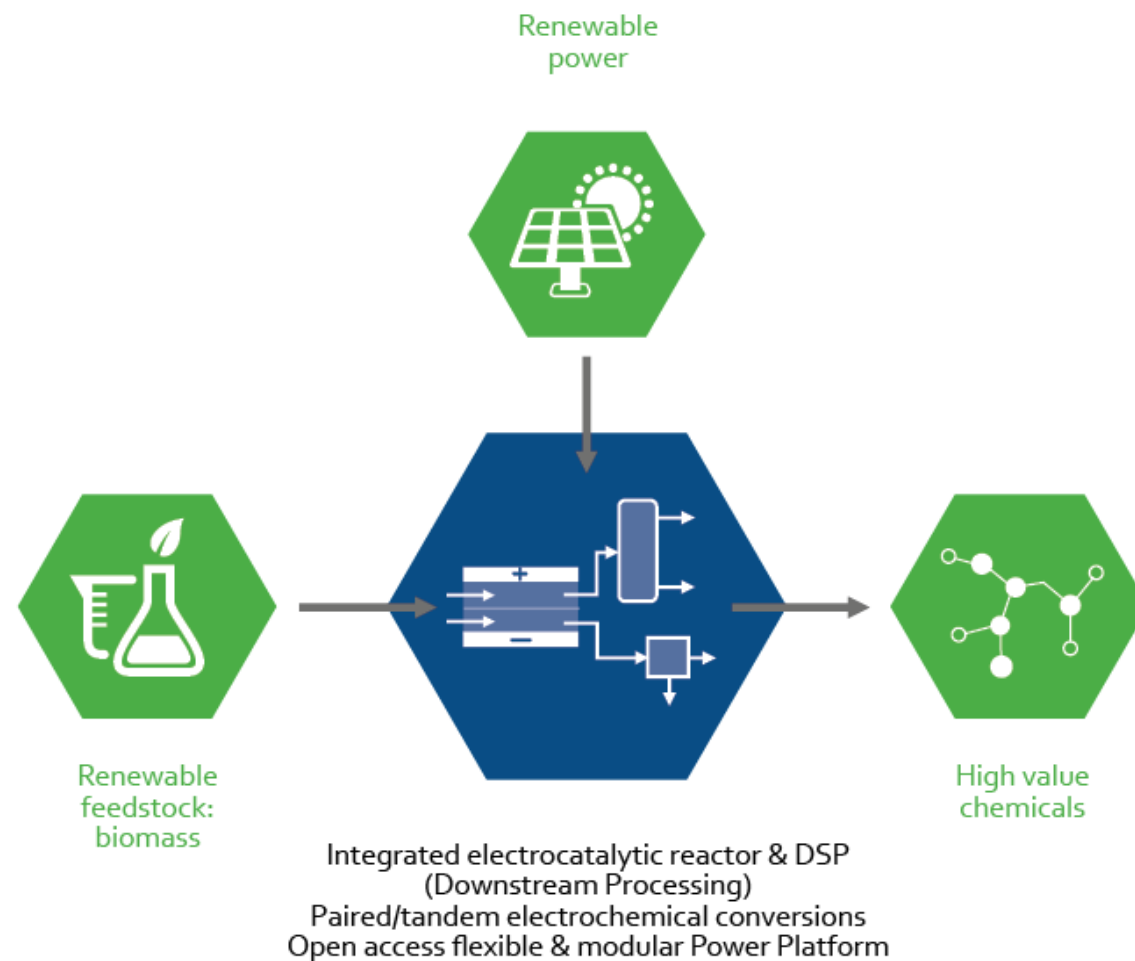




PERFORM
Power platFORM

INTRODUCTION

The PERFORM project is an innovation action in the European Commission Horizon 2020 programme which will substantially improve chemical transformations based on bio-based feedstocks.





APPROACH

The development and innovation in the PERFORM program will target two global trends that are drivers of a major transition within the European chemical industry to reduce environmental impact:

- Electrification
- A shift towards bio-based feedstocks



IMPACTS

 Reduce Environmental impacts

 Reduce CO₂ Emission

 Use local resources

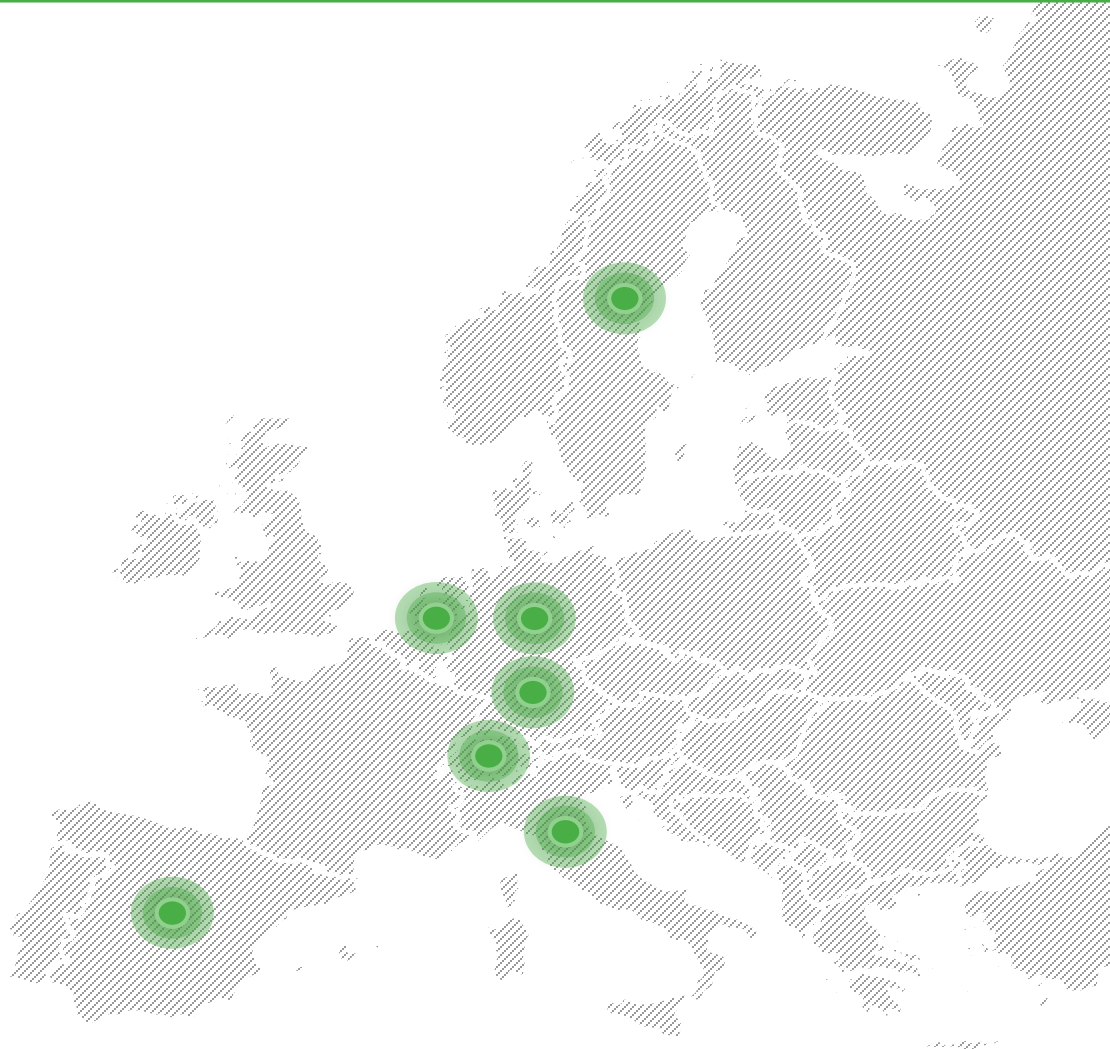
GOALS

PERFORM is expected to contribute to technology development to reduce the environmental impact of the chemical industry. The technology developed in PERFORM will reduce CO₂ emissions from the production of chemicals due to the efficient utilization of renewable biobased feedstocks and renewable energy. It will also be essential for a future sustainable society that uses local resources.



CONSORTIUM

The PERFORM consortium led by TNO and formed by VITO, Avantium, Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali, Hysytech, Sustainable Innovations, Perstorp, Radici Chimica, AVA Biochem, University of Hohenheim and Novamont will work for 48 months in order to develop a single electrochemical cell, which will avoid multi-step chemical conversions.



The Netherlands

Italy

Germany

Spain

Sweden

Switzerland

Belgium