



CE-SPIRE-02-2018

PERFORM

Full Title: PowerPlatform: Establishment of platform infrastructure for highly selective electrochemical conversions

Aim:

The technologies to be developed in the PERFORM project are directed towards highly efficient and integrated electrochemical systems which substantially improve oxidative chemical transformations based on bio-based feedstocks.

Concept:

PERFORM provides solutions for the need for the electrification of the chemical industry and will establish a flexible PowerPlatform pilot plant to be used also after the end of the project, allowing for continuing innovations and impact. Moreover, multi-step chemical conversions can be shortcut and performed in a single electrochemical cell, such that this can be considered as a disruptive technology. Therefore, the implementation of electrochemical production methods for value-added compounds will be a game changer, leading to more efficient and sustainable production.

Start date:

01/01/2019

End date:

31/12/2022