



PERFORM Kick off Meeting took place in the facilities of TNO in Delft (The Netherlands) on January, 24 and 25.

A European consortium is responsible for the implementation of **PERFORM (Power platFORM)** a project under the European Commission Horizon 2020 SPIRE programme. It aims at developing highly efficient and integrated electrochemical systems which will substantially improve sustainable production of valuable building blocks from bio-based feedstocks. This consortium led by **TNO** (The Netherlands) and formed by **VITO** (Belgium), **Avantium** (The Netherlands), **INSTM** (Italy), **Gensoric** (Germany), **Hysytech** (Italy), **Sustainable Innovations** (Spain), **Perstorp** (Sweden), **Radici Chimica** (Italy), **AVA Biochem** (Switzerland) and **Novamont** (Italy) will work for 48 months in order to develop and build an electrochemical pilot reactor, a direct conversion to the targeted products.

[Read more](#)



PERFORM is expected to **reduce the environmental impact** of chemical production by lowering CO2 emissions thanks to the advanced use of **bio-based products and renewable energy**. It will also be key to the future of sustainable society using local resources.

Likewise, PERFORM and the future development of its technologies will have a **deep impact** on the European **chemical industry** and economy thanks to the based production facilities that will create high end jobs and associated **positive downstream effects** in the communities they are based at.



For this purpose, TNO, VITO and Hysytech will construct a **flexible PowerPlatform pilot plant** in order to demonstrate technologies and innovations, leading to the implementation of more **sustainable electrochemical processes**.

PERFORM pilot plant will continue to serve after the project, as a platform to validate **innovative** electrochemical process routes. The other consortium parties will support the project with **research**.

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