



Membrane scale up for chemical industries



THE PROJECT

The project MEASURED aims at developing and demonstrating advanced membrane materials for Pervaporation (PV), Membrane Distillation (MD) and Gas Separation (GS) technologies applied to acrylic ester production, membrane manufacturing and gas separation from a carbon capture & utilization (CCU) stream.

At the end of the project, the integrated MEASURED technologies will reach a TRL7 demonstration over 20,000 hours operation under (industrial) operational conditions.

MEASURED includes a thorough multiscale modelling and simulation techniques including a full Life Cycle Assessment and addresses the societal implications to increase the acceptance and further market readiness.

MEASURED's main objective is to provide a quantum leap in the development of membrane technologies for pervaporation, gas separation and membrane distillation, setting the basis for future commercialization of greener technological pathways all along the value chain.



€ 7.971.409
BUDGET



48
MONTHS



9
COUNTRIES



17
PARTNERS



www.measured-project.eu



PROJECT COORDINATOR

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