

ENERGETICS

MUR DM 117/GI - Advanced Materials, Manufacturing Techniques, and Lifecycle Assessment to Reduce Levelized Cost of Green Hydrogen

Funded By	MINISTERO DELL'UNIVERSITA' E DELLA RICERCA [P.iva/CF:97429780584] GREEN INDEPENDENCE SRL [P.iva/CF:02631640741] Politecnico di TORINO [P.iva/CF:00518460019]
Supervisor	SANTARELLI MASSIMO - massimo.santarelli@polito.it
Contact	GANDIGLIO MARTA - marta.gandiglio@polito.it MAROCCO PAOLO - paolo.marocco@polito.it
Context of the research activity	Title: "Advanced Materials, Manufacturing Techniques, and Lifecycle Assessment to Reduce Levelized Cost of Green Hydrogen and Sustainable Fuels Production" H2 technologies production of H2 by electrolysis LCA Progetto finanziato nell'ambito del PNRR - DM 117/2023 - CUP E14D23001950004
Objectives	Analysis of the complete value chain for the production of green H2 through electrolysis processes, with the aim of analysing the LCA cost and, as a consequence, individuate the most interestign actions in order to obtain a reduction of the final cost of green H2 and of synthetic fuels produced from H2
Skills and competencies for the development of the activity	H2 technologies electrolysis LCA