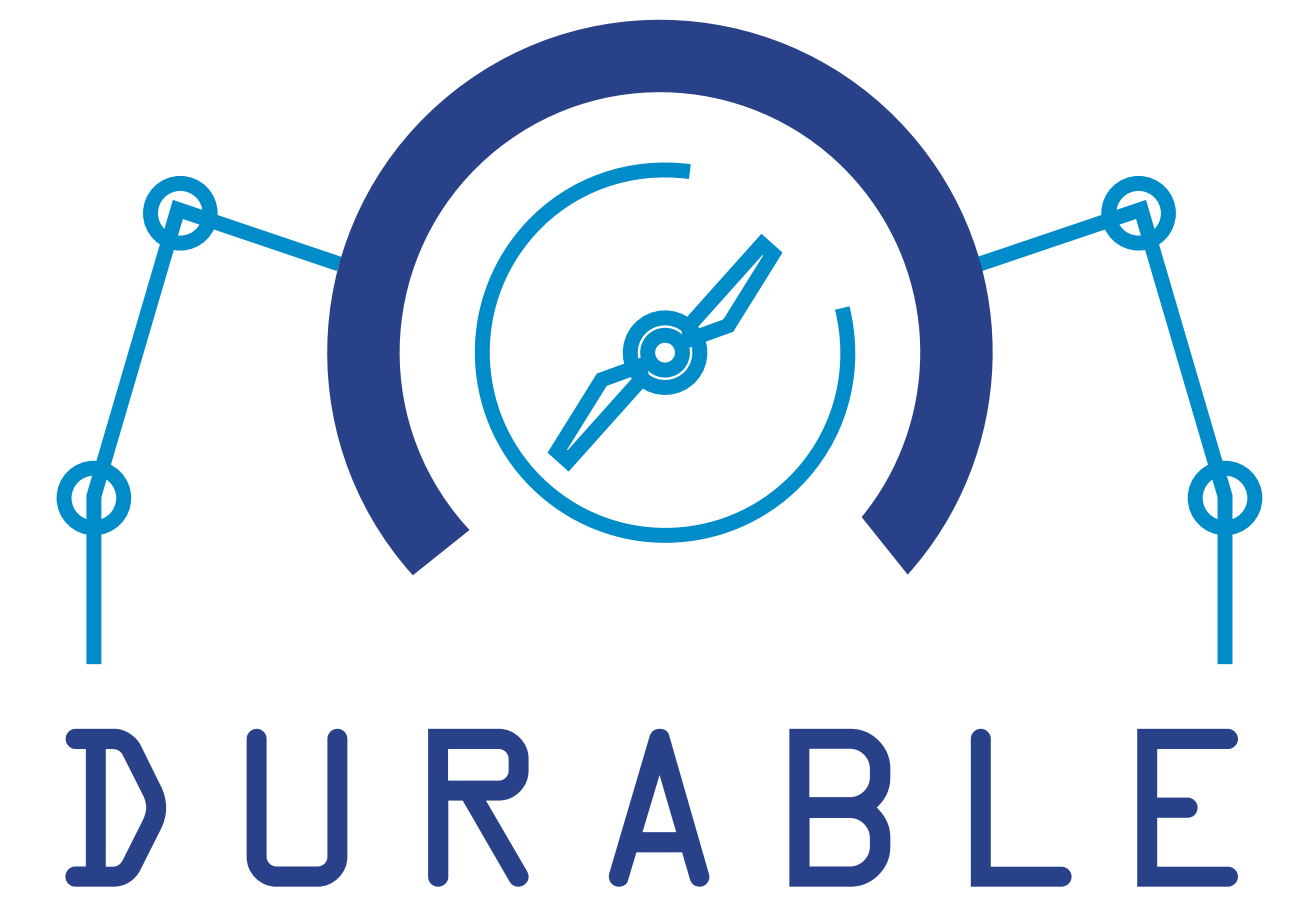




A Project to transfer previous developed aerospace technologies applied in robotics for operation and maintenance activities to wind and solar energy systems

DURABLE aims to boost the competitiveness of the local renewable energy sector in the Atlantic area



OBJECTIVE

The Atlantic area is now below the average EU share of energy from renewable sources in gross final energy consumption, still far from the EU targets (20% 2020 and 32% 2030) and below leading European regions.

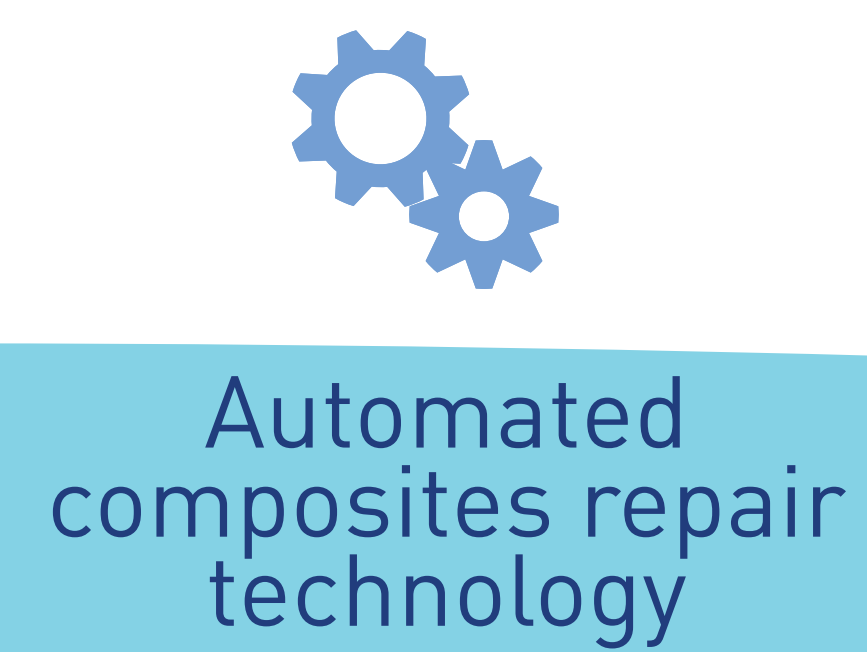
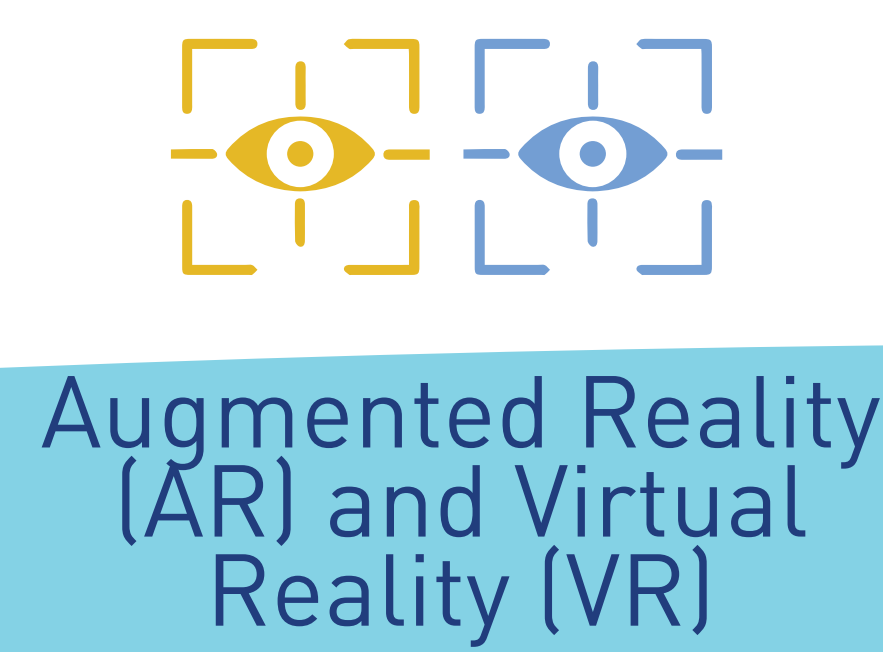
The goal of DURABLE is to accelerate the performance of renewable energies through the validation and demonstration of aerospace technologies applied in robotics for operation and maintenance activities of wind and solar energy systems.

The application of this technology will automate inspection and repair tasks, reducing costs and favoring production.

TECHNOLOGIES

Aerospace and robotic technologies together with composites and additive manufacturing, are developing technologies to reduce greenhouse gas emissions.

DURABLE will identify technologies with potential application to O&M of solar PV and wind energy, and will adapt them both to navigation/surveillance and maintenance/repair purposes.



PILOTS

The project will design pilot operations accounting for the final technologies used and tested in previous tasks and the characteristics of the host wind/solar installations.



“Clean energy transition is a real and concrete opportunity in terms of investment, growth and jobs in Europe and the renewable energy sector will play a key role to help European industries to be a world leader in decarbonisation, innovation and digitalisation”

Miguel Arias Cañete,
European Commissioner
for Climate Action and Energy

PARTNERS



ALERION



LORTEK

Ingeteam



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