



MeDORA's MISSION

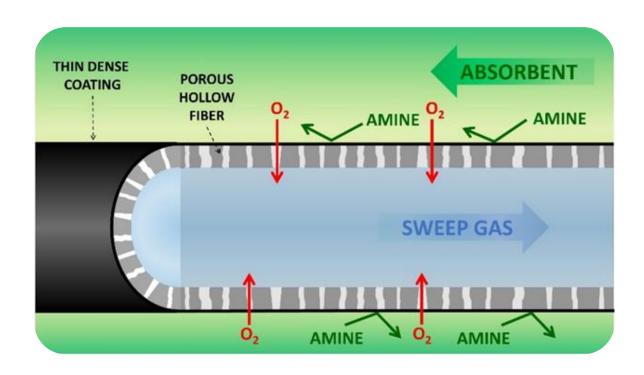


AMBITION

 Making amine-based carbon capture cheaper and more sustainable

MAIN GOALS:

- MeDORA as solvent management tech:
 - Demonstrate 90% dissolved O₂ removal from amine absorbents, leading to up to 70% reduction in OPEX of the plant associated with solvent management
- MeDORA as CO₂ conditioning strategy:
 - Demonstrate the achievement of less than
 10 ppm O₂ content in the CO₂ product



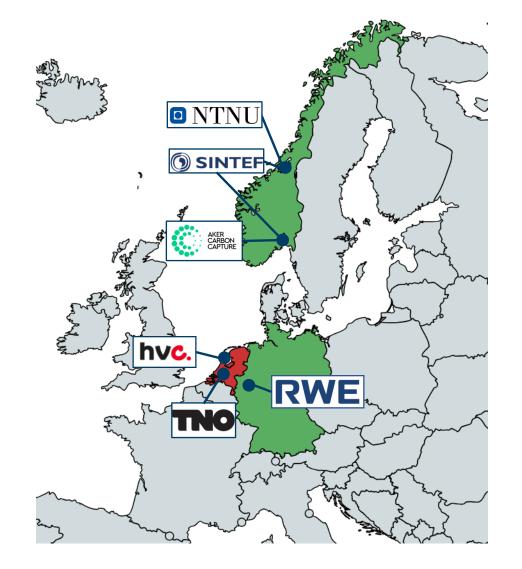


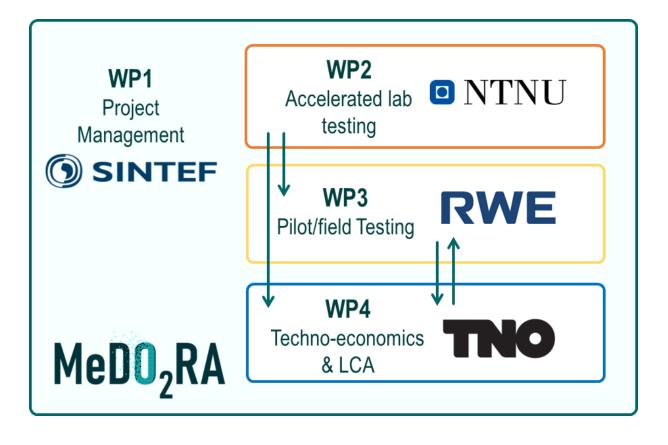
MeDORA's STRUCTURE













MeDORA's IMPLEMENTATION





End of the

project

(31/08/2026)



ROADMAP



Testing effect of O2 content in flue gas

at SINTEF (NO)

M26 M36

Testing regenerated membrane at **HVC**

(NL)

Start of the project (01/09/2023)

M12

M20 Testing asymmetric membrane at RWE

(DE)



Testing of commercial porous membrane at HVC (NL)

M6

Testing commercial porous membrane at

M16

RWE (DE)



Teknologi for et bedre samfunn



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