⟨EQUAL|TY⟩

Efficient QUantum ALgorithms for IndusTrY

› **EQUALITY** brings together leading research groups, SMEs, and prominent industrial players to develop cutting-edge quantum computer algorithms to solve strategic industrial problems running on real quantum hardware.

› These are complex problems with enormous computational requirements, forcing engineers either to use simplistic models or to rely on expensive build-and-test cycles.

INDUSTRIAL PROBLEMS

AERODYNAMICS SIMULATION AND OPTIMISATION

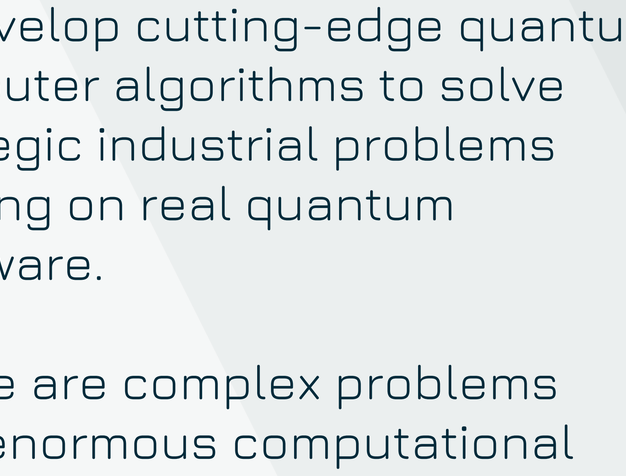
ENERGY STORAGE MATERIALS AND SYSTEMS

SPACE MISSION OPTIMISATION AND DATA ANALYSIS

JOIN OUR COMMUNITY!

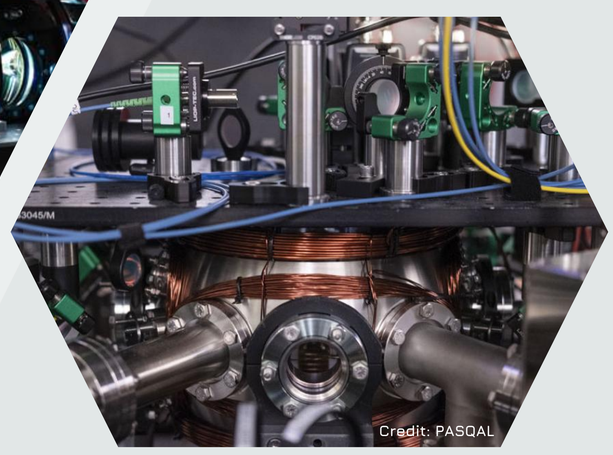
QUANTUM COMPUTERS

SUPER-CONDUCTING



TRAPPED IONS

NEUTRAL ATOMS



› Quantum computers provide an opportunity to tackle such questions, giving Europe a competitive edge and unlocking billions of euros in value for those industries over the coming decades.

› The consortium was awarded in the highly competitive Horizon Europe programme. The partners will receive a cumulative €6M grant from the European Commission from 2022 to 2025.

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