

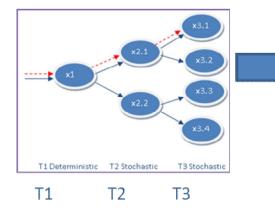
Research Priorities for CO₂ Transport and Storage

Strategic R&D under uncertainty

Research priorities aligned with:

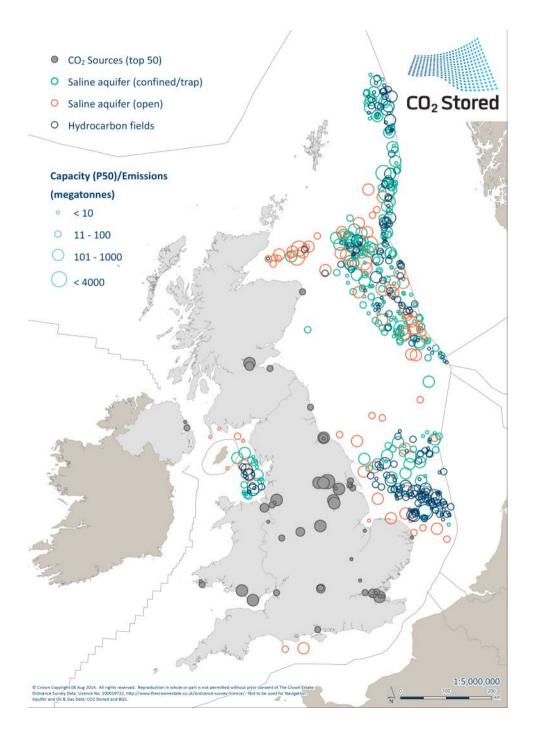
Risk Reduction - enabling infrastructure deployment with <u>flexibility</u> for future expansions and <u>minimised future losses</u>

Cost Reduction – enabling infrastructure deployment on a low cost pathway that facilitates lowering of cost of capital for full chain



Best investment plan at every phase considering future uncertainties?

What is the best investment plan for now?



CO₂ Transport & Storage R&D Priority Areas

Exploration &
Appraisal
Facilities and
Injection
Leakage and
liabilities
Offshore O&M
MMV
Networks

Flexibility of reservoir response to different CO₂ stream purities

Refining of methodologies for much quicker site characterisation

□ De-risking numerical modelling

Water production & subsurface pressure management

Cost effective measurement and monitoring vs regulatory requirements

Injectivity

