

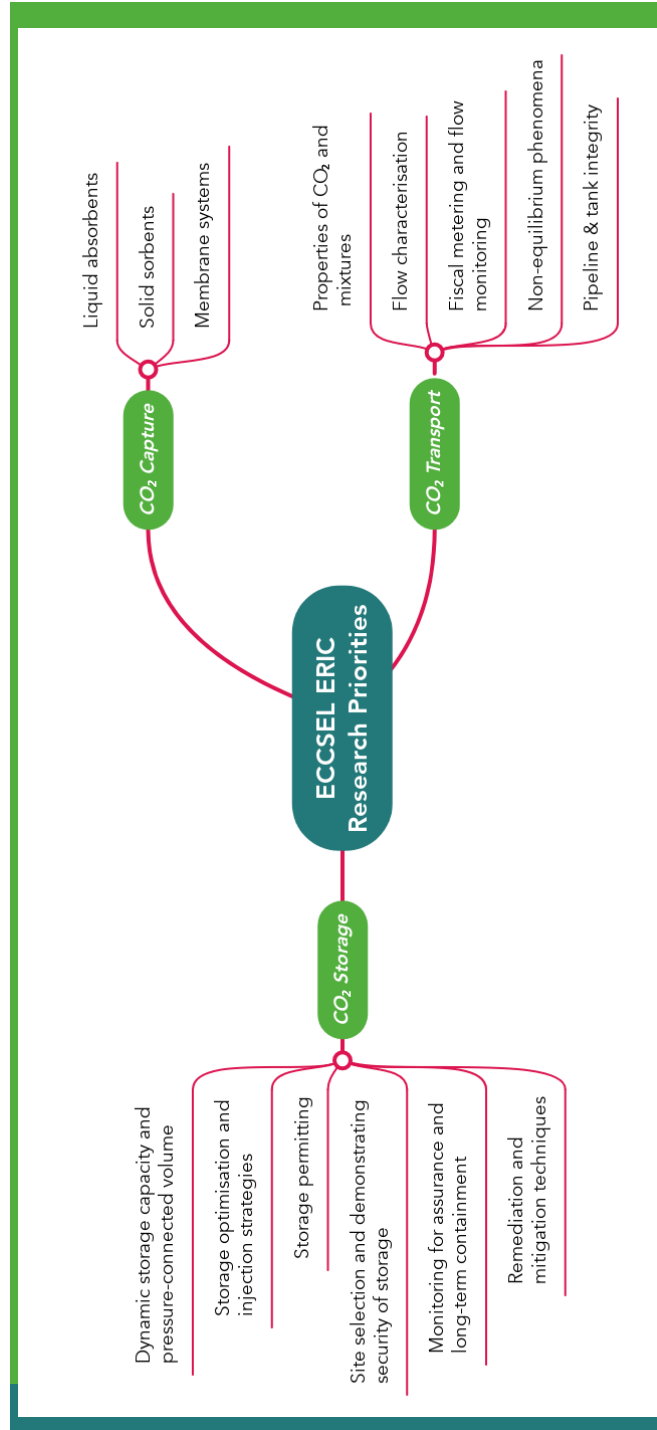
CO₂ Transport

In order to realise CCUS, large amounts of CO₂ rich fluids have to be transported from the capture plant to the site of storage. The total volumes to be transported will be similar or larger than for natural gas today.

For more information:

www.eccsel.org

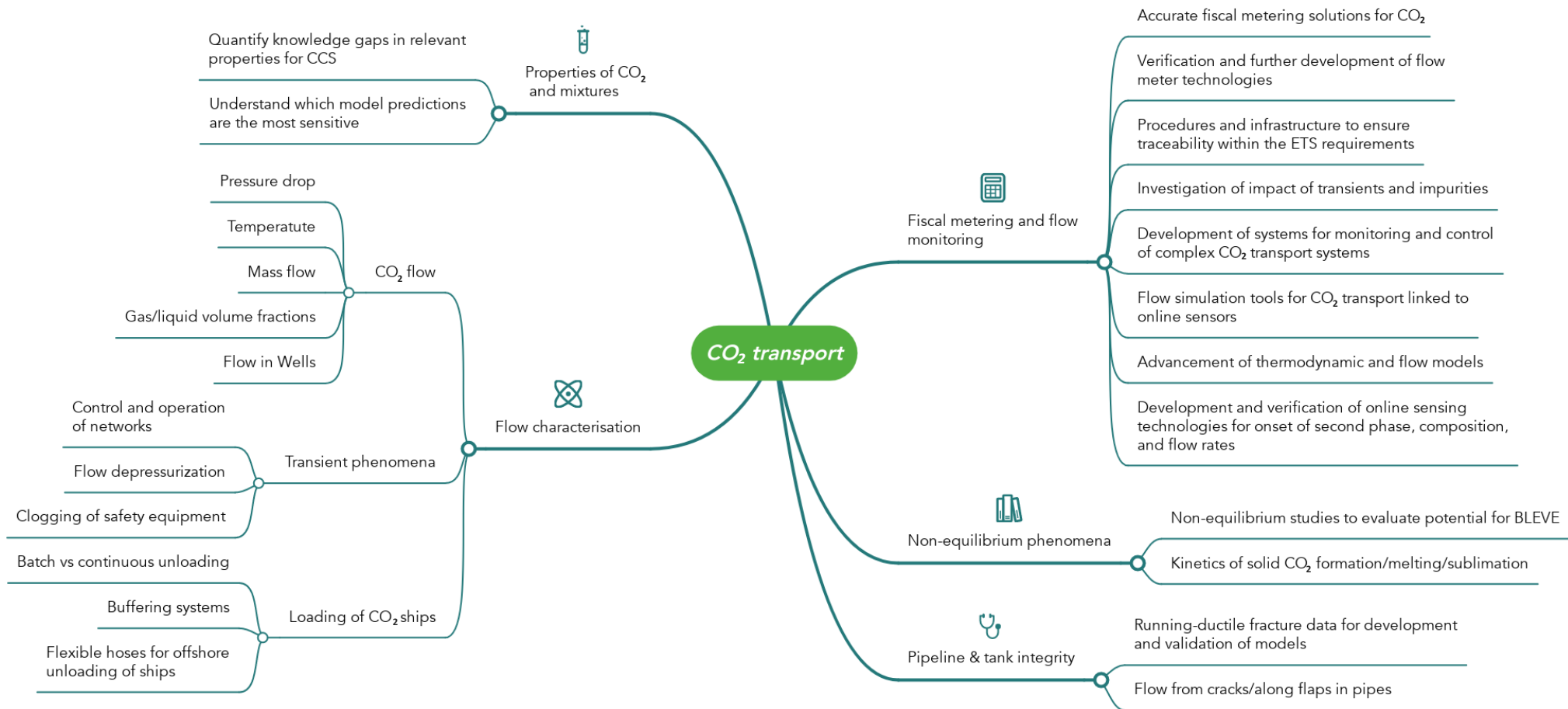
info@eccsel.org



ECCSEL ERIC Research Priorities *CO₂ Transport*



The European CCUS Research Infrastructure



The major knowledge gaps that remain within CO₂ transport are in flow phenomena in pipelines, wells, transport vessels, at the interface to storage and to capture/conditioning. There is also the need to develop methods and technologies for traceable flow metering and monitoring and control systems for CO₂ transport. Knowledge of the thermophysical and corrosive properties of CO₂ mixtures are needed in all these processes, as well as in capture, injection, and storage.

