

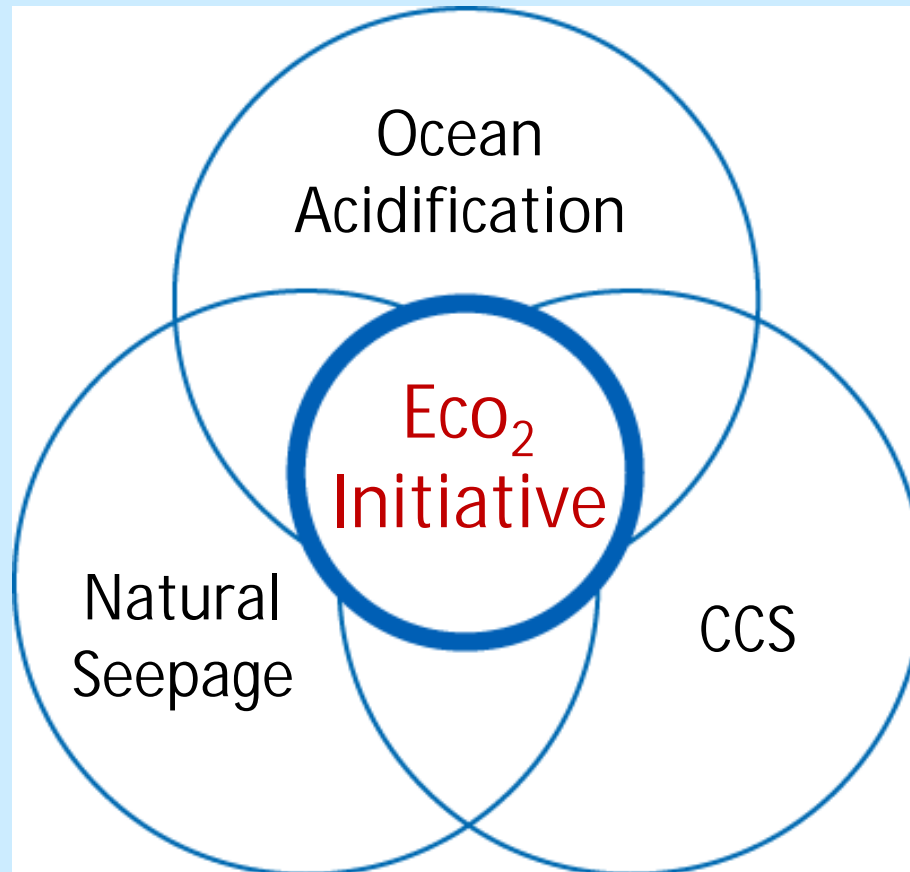
*Eco*₂ Initiative

Addressing the call “Sub-seabed carbon storage and the marine environment”



>15 partners from Norway, GB, Germany, Netherlands, France, Italy, Spain,...
Coordinated at IFM-GEOMAR (Germany)

E_{CO}₂: A Merger of three different scientific communities



to evaluate the likelihood, ecological impact, economic and legal consequences of leakage from sub-seabed CO₂ storage sites

Work Packages

Architecture and integrity of the sedimentary cover at storage sites

**Fluid and gas fluxes across the seabed at storage sites
and natural CO₂ seeps**

Fate of CO₂ and other gases being emitted at the seabed

Impact of leakage on benthic organisms and marine ecosystems

Risk assessment, economic and legal studies

Public perception and outreach

Data management

Coordination

Cross-cutting themes

Establishing a framework of best environmental practices in the management of off-shore CO₂ injection and storage

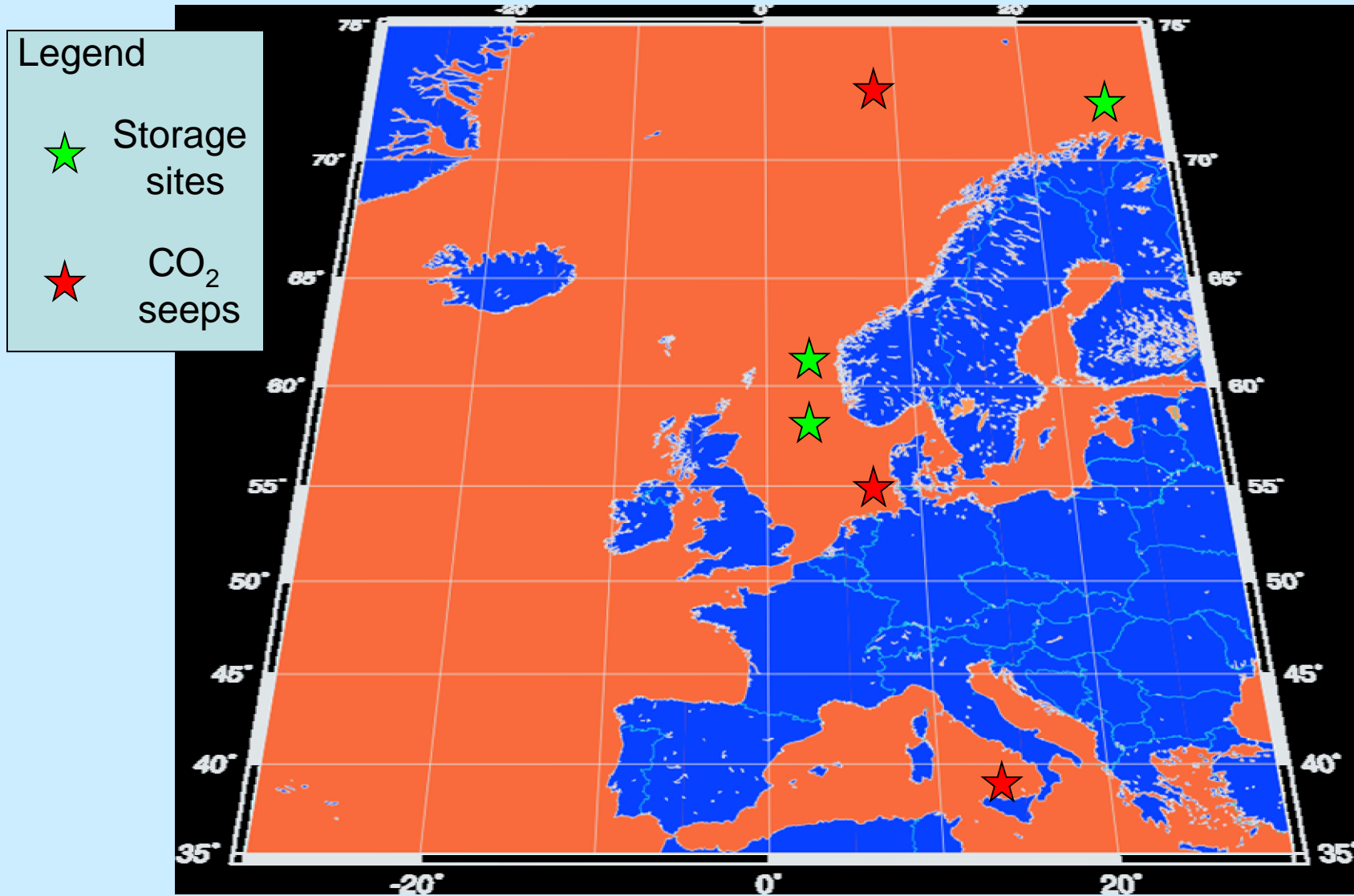
Development and testing of novel monitoring techniques

Spatial planning and sub-seabed CO₂ storage

Interfacing of numerical models

Enhancing international collaboration

Study areas



+ potential storage sites off Australia and natural CO₂ seeps off Japan