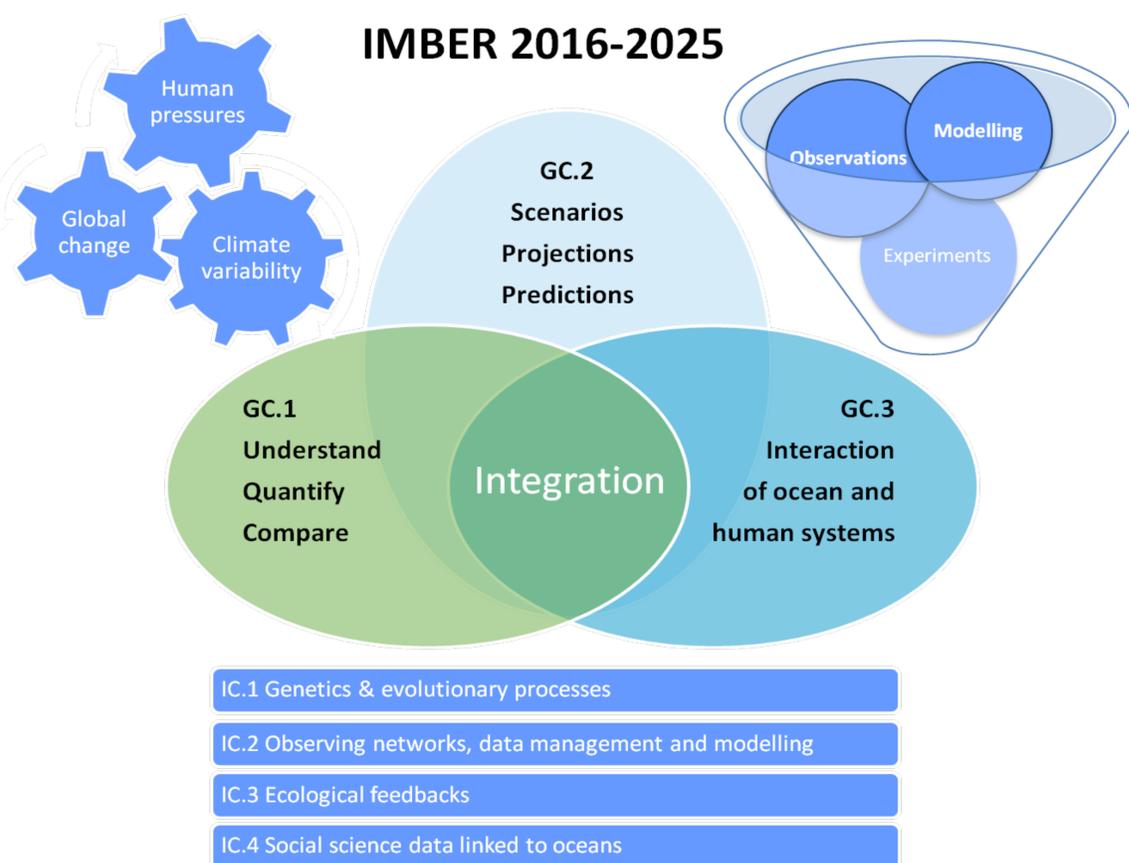


IMBER into the future

Vision: Sustainable global oceans under global change for the benefit of society

Goal: Understand, quantify and compare historic, present and future structure and functioning of marine ecosystems, predict and project changes - develop scenarios and options towards ocean sustainability through integrated ocean-human system research



- Grand Challenges**
- I. Understanding and quantifying marine ecosystems state and variability
 - II. Improving scenarios, predictions and projections of future ocean-human systems at multiple scales
 - III. Improving and integrating the links between human and ocean systems
- Innovation Challenges**
- I. Develop understanding of the role of genetic and evolutionary processes in marine ecosystems
 - II. Contribute to global observation and modelling network of essential ocean variables (EOVs), improved data, information and knowledge management
 - III. Advance understanding of ecological feedbacks in the Earth System
 - IV. Advance and improve the use of social science data for ocean management, decision making and policy development

IMBER Implementation

