

IMBER:

Integrated Marine Biogeochemistry and Ecosystem Research

VISION:

To provide a comprehensive understanding of, and accurate predictive capacity for, ocean responses to accelerating global change and the consequent effects on the Earth System and human society.





IMBER Implementation







IPO, Norway RPO, China

IMBER Scientific Steering Committee

Working Groups

↓ ↑

Human Dimensions

Carbon Research



Upwelling Systems



Continental Margins



Capacity Building Data Management

Regional Programmes

ESSAS



CLIOTOP





ICED



Contributing and Endorsed Projects

CARBOCHANGE

TBTI

> 40 endorsed projects

↓ ↑

IMBER Scientists (>45 countries)

Bergen. Norway

Research for marine sustainability: multiple stressors, drivers, challenges and solutions

Open Science Conf: Key Accomplishment in 2014

- Highlight, integrate and synthesize IMBER achievements over past 10 years
- Gather community inputs for the development of a new science plan and implementation strategy to guide next decade of research
- Attended by about 500 participants



New IMBER 10-year Vision

Sustainable global oceans under global change for the benefit of society



Grand Challenge 1

Understanding and quantifying marine ecosystems

Grand Challenge 2

Developing scenarios and projections of future marine and human systems at multiple scales

Grand Challenge 3

Improving and integrating human-ocean-human interactions

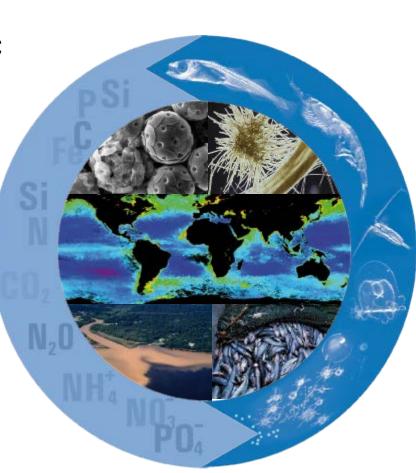


What IMBER can provide

- Integrated, international network
- Well-developed science plan built around humanocean interactions under global change
- Network of regional programmes and working groups developed around human-ocean interactions

What IMBER strives for

- Recognition of need for basic ocean research
- Relevance and integration of ocean research into Future Earth
- Support for IMBER activities, especially human dimensions research



I M B

R



Transition

- Development of a new SPIS is underway
- Submit request to SCOR for 10-year continuation
 - Fall 2015
- Request to become a core project of Future Earth
 - Fall 2015



Thank you

imber@imr.no www.imber.info



ACKNOWLEDGEMENTS

IMBER thanks its sponsors

SCOR and IGBP for ongoing support



