

Fact sheet

Partners: 62 (research institutes, universities, marine service providers, multiinstitutional organisations, international partners, private sector) from 18 countries (13 EU & 5 non-EU) plus members

Coordinator: GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany (Prof. Dr. Martin Visbeck)

The project: AtlantOS is a BG 8 research and innovation project that proposes the integration of ocean observing activities across all disciplines for the Atlantic, considering European as well as non-European partners.

Budget: € 20.65 Mio. for 4 years (2015 - 2019)

AtlantOS Overarching Goal

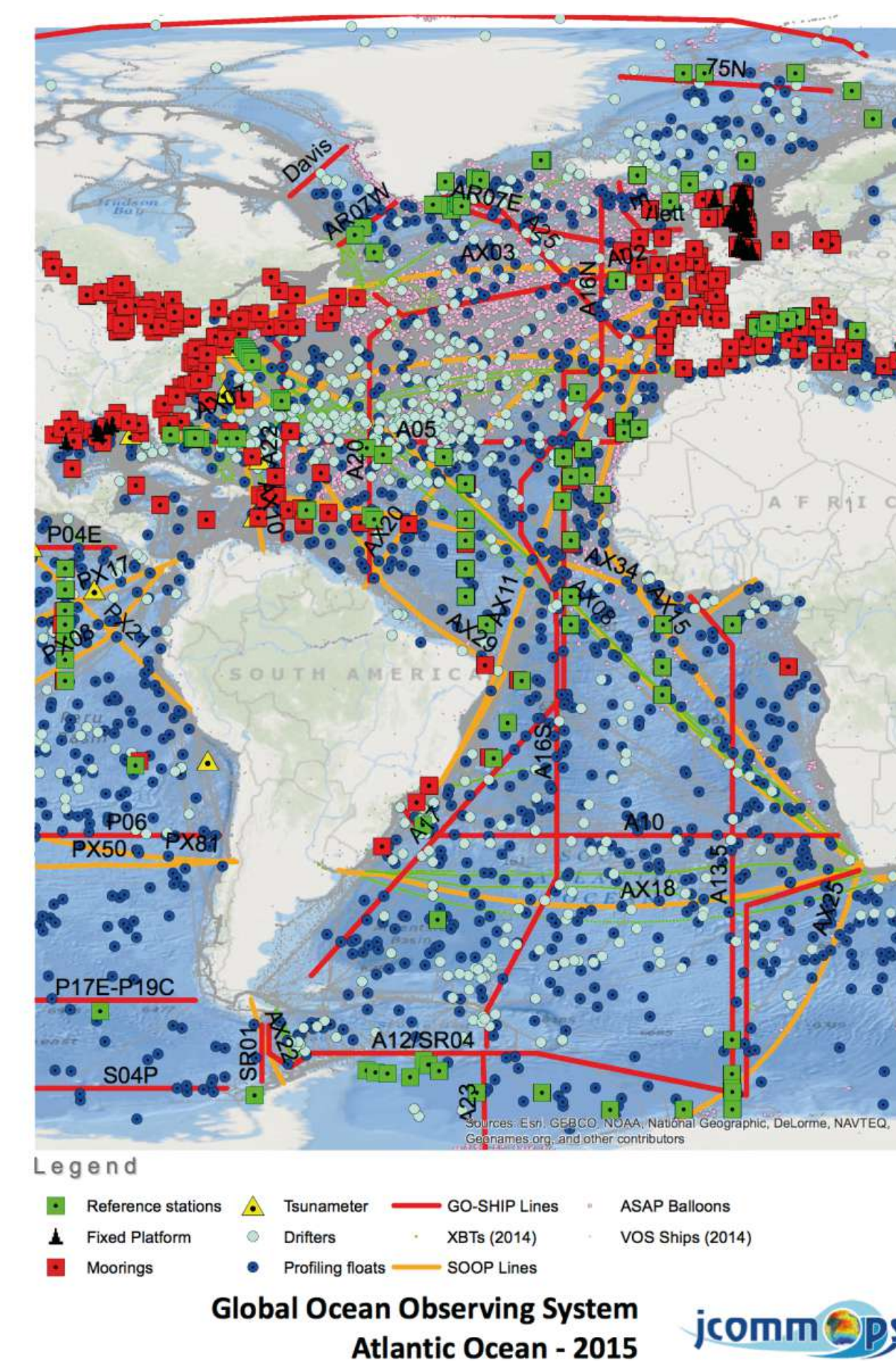
Integration of the so far loosely-coordinated set of existing ocean observing activities to a more sustainable, more efficient, and fit-for-purpose Integrated Atlantic Ocean Observing System.

Project Structure

AtlantOS takes strategic guidance from the 'Framework of Ocean Observing' developed by the post OceanObs'09 task team applying an engineering system thinking to the complex system behind ocean observing; considering the input/requirements (orange), the process/observations (purple) and the output/data & products (green) to feed scientific and societal benefits.

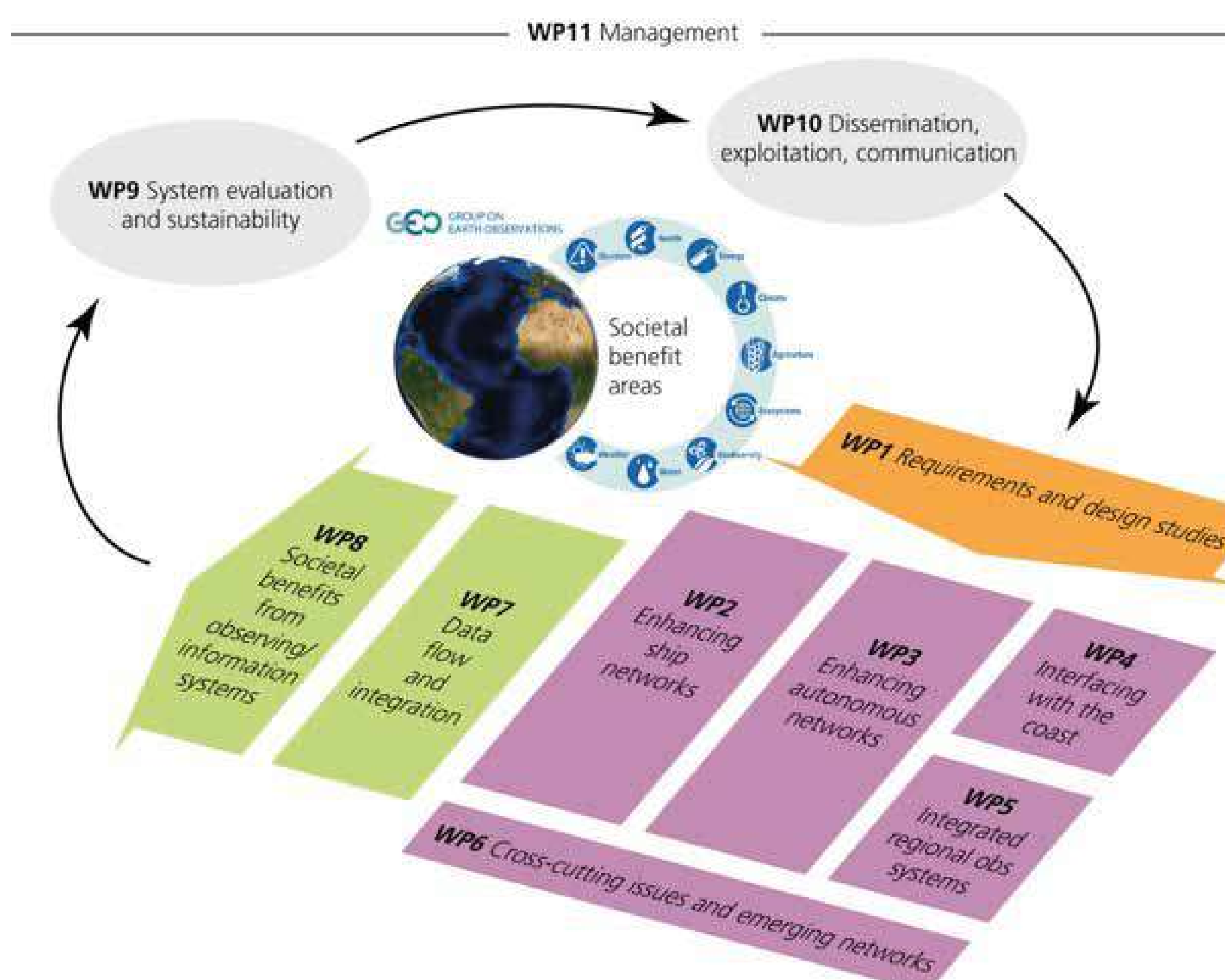
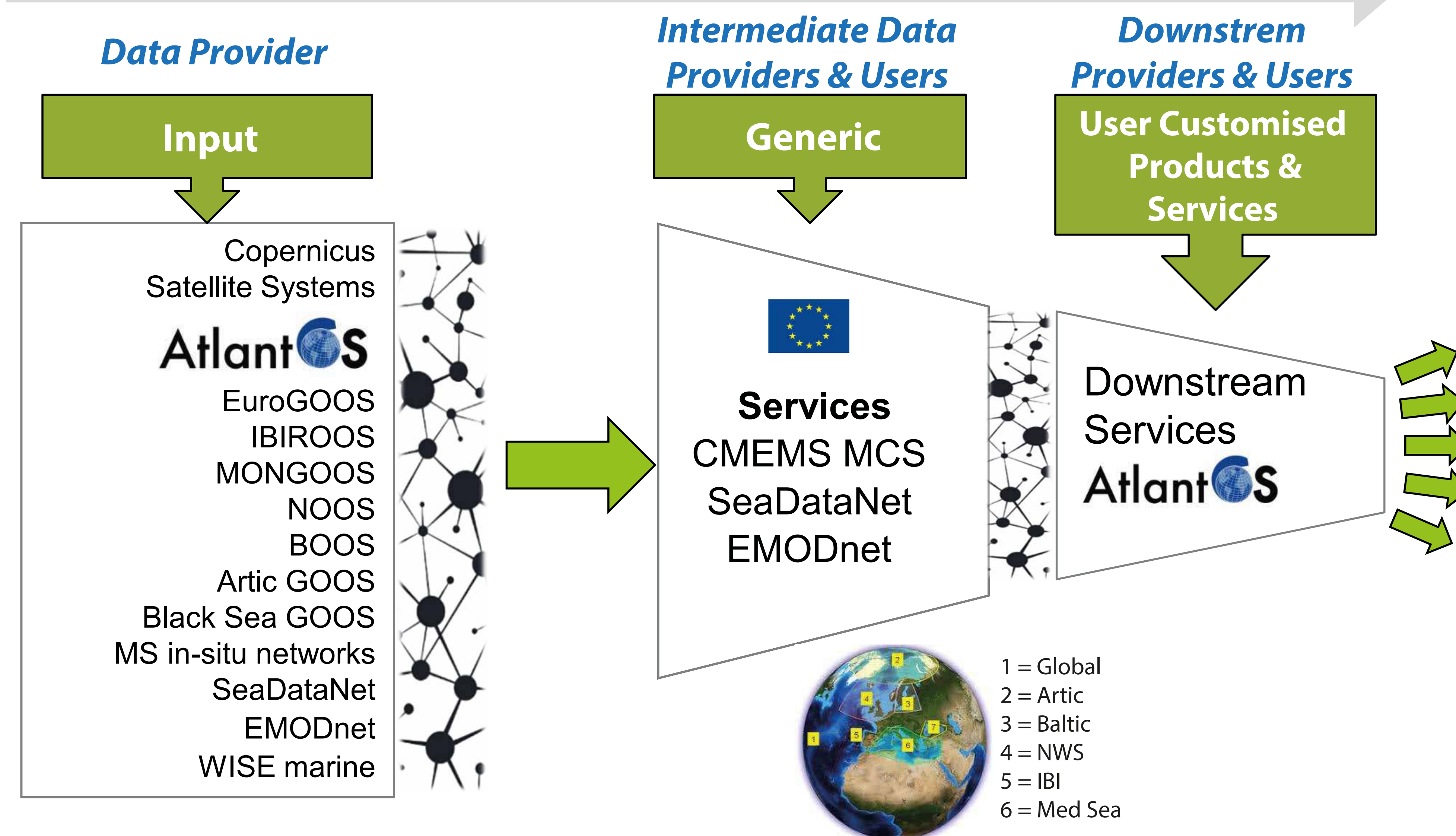
Organised in 10 high-level work packages on:

- Observing system requirements and design studies (OSSE)
- Enhancement of ship-based and autonomous observing net works
- Interfaces with coastal ocean observing systems
- Integrated regional observing systems (climate and fisheries)
- Cross-cutting issues and emerging networks
- Data flow and data integration
- Social benefits from observing/information systems
- System evaluation and sustainability



European „Standard“ Framework to generate products out of observation

Information: Value Adding Knowledge Chain



AtlantOS opportunities

- AtlantOS is a 'child of GEO and GOOS', hence it will operate as an integrative part of them
- Promote engagement and innovation in all aspects of ocean observing
- Improve international collaboration in the design, implementation and benefit sharing of ocean observing
- Free and open access to ocean data and information
- Quality and authority of ocean information
- Deliver against the Galway Statement

Societal benefit

