

User Community

The **Ocean Monitoring System** provides an integrated service of regional monitoring and forecasting to intermediate users and policy makers. OMS enables safe and efficient off-shore activities, environmental management, surveillance and safety at sea, and sustainable use of marine resources.

OMS operational crews, hardware equipment and infrastructure are able to service multiple groups of interests such as:

- **Hydrographic Services:** OMS provides data to predict, manage and mitigate the impacts of coastal inundations on communities and ecosystems
- **Meteorology offices:** OMS provides atmosphere and ocean data coupling for more reliable weather forecasting
- **Scientific institutes:** OMS provides continuous high-resolution in-situ data
- **Offshore industries:** OMS provides data on ship traffic, wave measurements and sediment transport
- **Search & Rescue teams:** recent OMS current magnitude and –direction data allows to pinpoint the location of men overboard
- **Environmental Protection Management:** OMS allows the prediction of oil spill movements, erosion and sedimentation processes
- **Port operators and ship traffic central centres:** OMS aids in ship to ship and ship to offshore structure collision prevention
- **Home Land Security:** OMS enables real-time vessel detection beyond normal coastal radar visibility range
- **Tourism industry:** OMS provides up-to-date information for yachting & diving
- **Fishing industries:** environmental OMS data allow to detect upwelling areas with high yields
- **Waste water management authorities:** OMS provides data on flow rates and –direction
- **Integrated Coastal Zone Management (ICZM)**

