

Marine Base Maps in the Coastal Zone – the Norwegian model for sustainable development

Celine Buisson Rosvold (Norway)

Key words: Coastal Zone Management; sustainable development

SUMMARY

The Norwegian Mapping Authority, the Geological Survey of Norway (NGU) and the Institute of Marine Research (HI) are working together to collect and share knowledge and data about the seabed along the coast of Norway. This knowledge base, "Marine Base Maps in the Coastal Zone" provide the basis for the preservation and restoration of vulnerable and valuable nature and will help build sustainable cities and strong districts, by facilitating marine and maritime industries – without destroying valuable ecosystems. Good marine information is important to avoid land conflicts and to manage resources better. The focus of Marine Base Maps is teamwork in which the transport, climate and environmental sectors also contribute. The municipalities and county authorities in the pilot areas are also co-financing. Investments in the three pilot areas along the norwegian coastline the have a total cost of NOK 84.6 million over three years (2020, 2021, 2022). Knowledge about the coastal zone is profitable The Norwegian Mapping Authority, NGU and HI have the ambition to map and compile data, as well as disseminating data and services, for the entire Norwegian coastal zone. This will go all the way in to the tidal zone, an area of just under 100,000 square kilometres. The project team at the Norwegian Mapping Authority, NGU and HI will submit a proposal to the Ministry of Local Government and Modernisation in October 2021. The goal is funding for the commencement of a national programme along the Norwegian coast. A cost-benefit analysis by Metier EOC concludes that the measure is profitable.

Marine Base Maps in the Coastal Zone – the Norwegian model for sustainable development (12689)
Celine Buisson Rosvold (Norway)

FIG Working Week 2024

Your World, Our World: Resilient Environment and Sustainable Resource Management for all
Accra, Ghana, 19–24 May 2024