

Marine Spatial Planning – lessons from Norway

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Havbaserede klimaløsninger

International Shipping
0.75-1.5 GtCO₂e



Offshore Wind
0.65-3.50 GtCO₂e



Domestic Shipping
0.15-0.3 GtCO₂e



Dietary Shifts
0.3-1.06 GtCO₂e



Aquaculture
0.0-.04 GtCO₂e



Mangroves
0.10-0.29 GtCO₂e



Salt Marshes
0.05-0.10 GtCO₂e



Seaweed Farming
0.05-0.29 GtCO₂e



Seagrasses
0.05-0.22 GtCO₂e



Ocean Energy
0.11-1.90 GtCO₂e

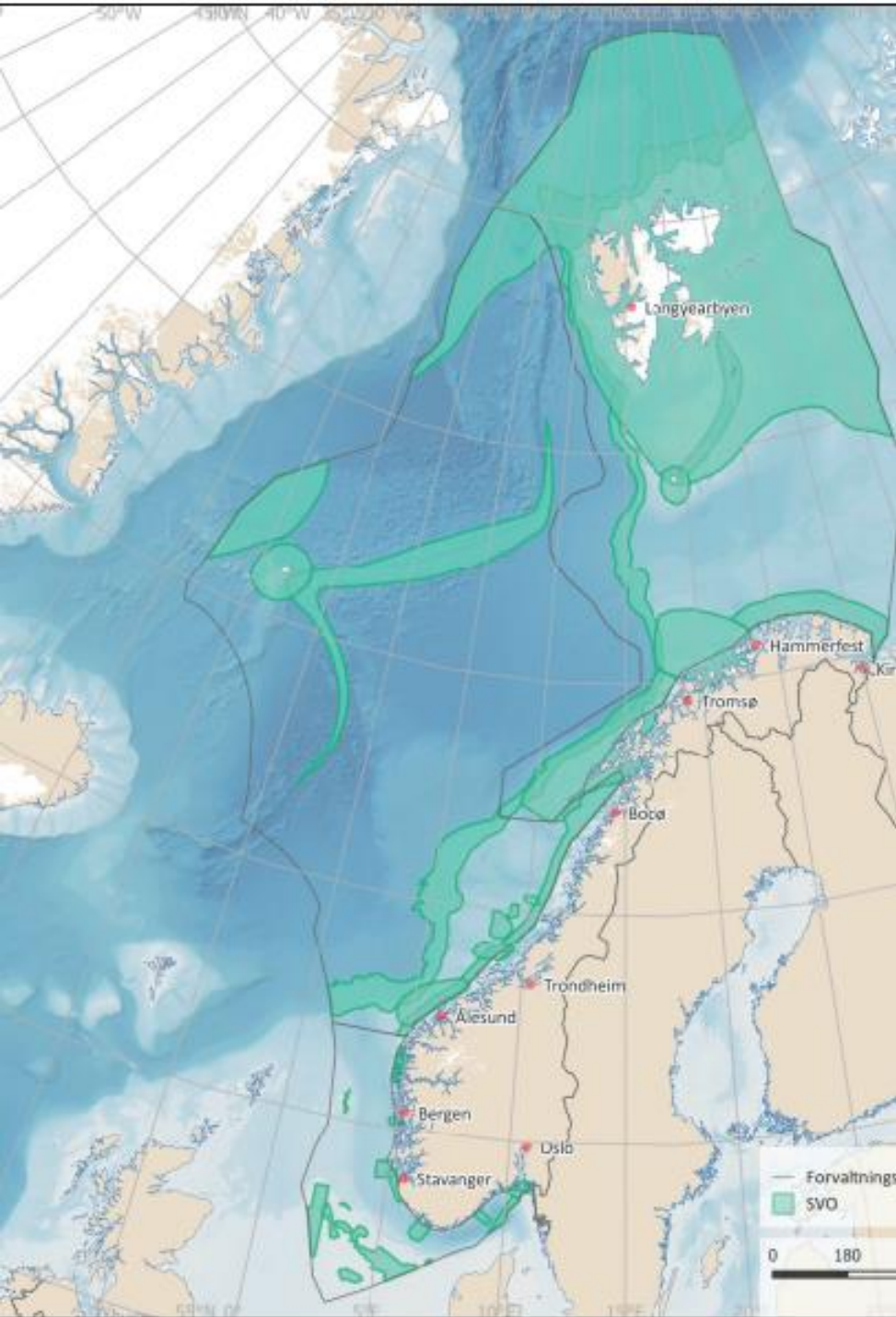


Wild Capture Fisheries
0-0.14 GtCO₂e



Seabed Storage of Carbon
0.5-2.0 GtCO₂e

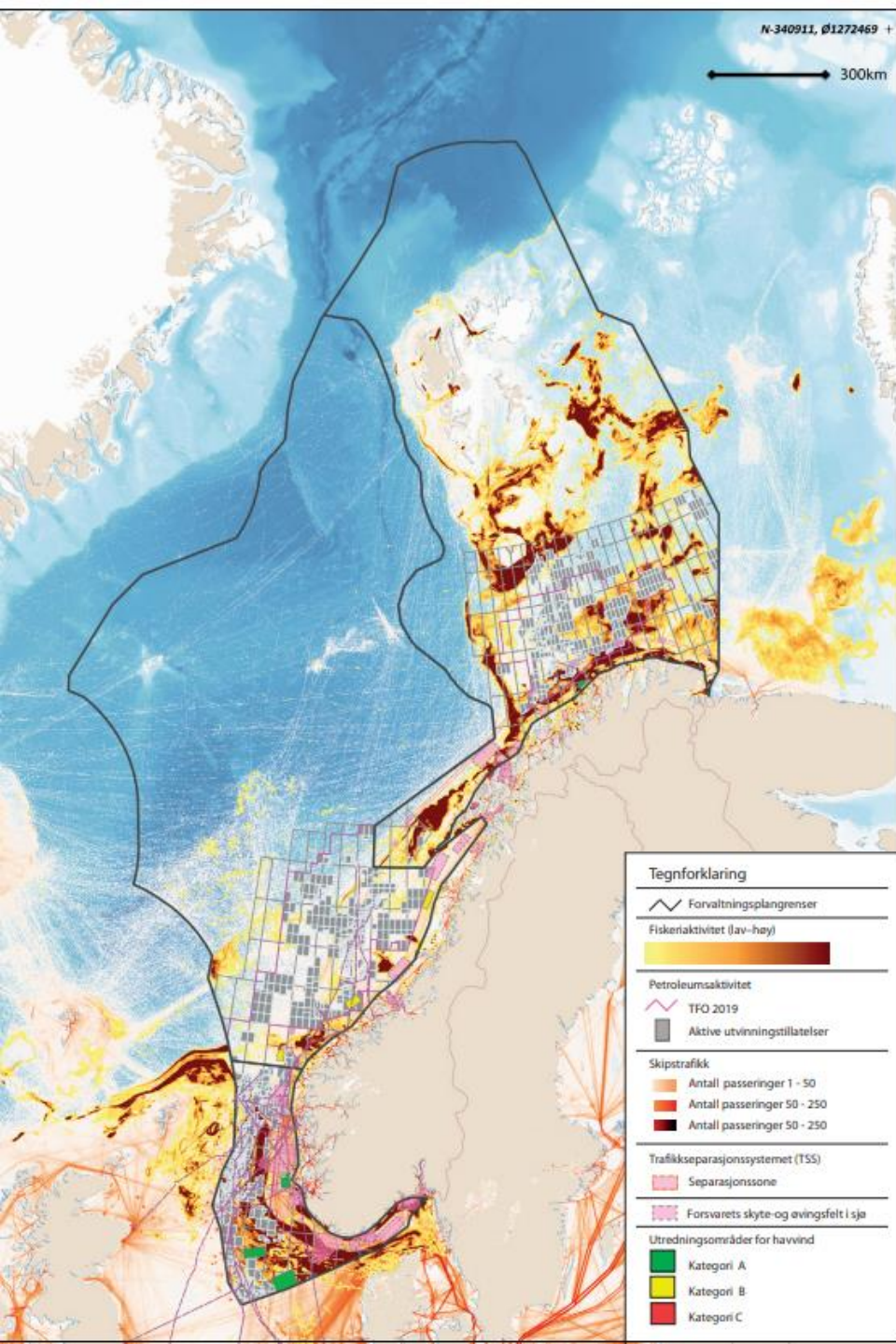




Mapping

- Environment – vulnerable areas, protected areas

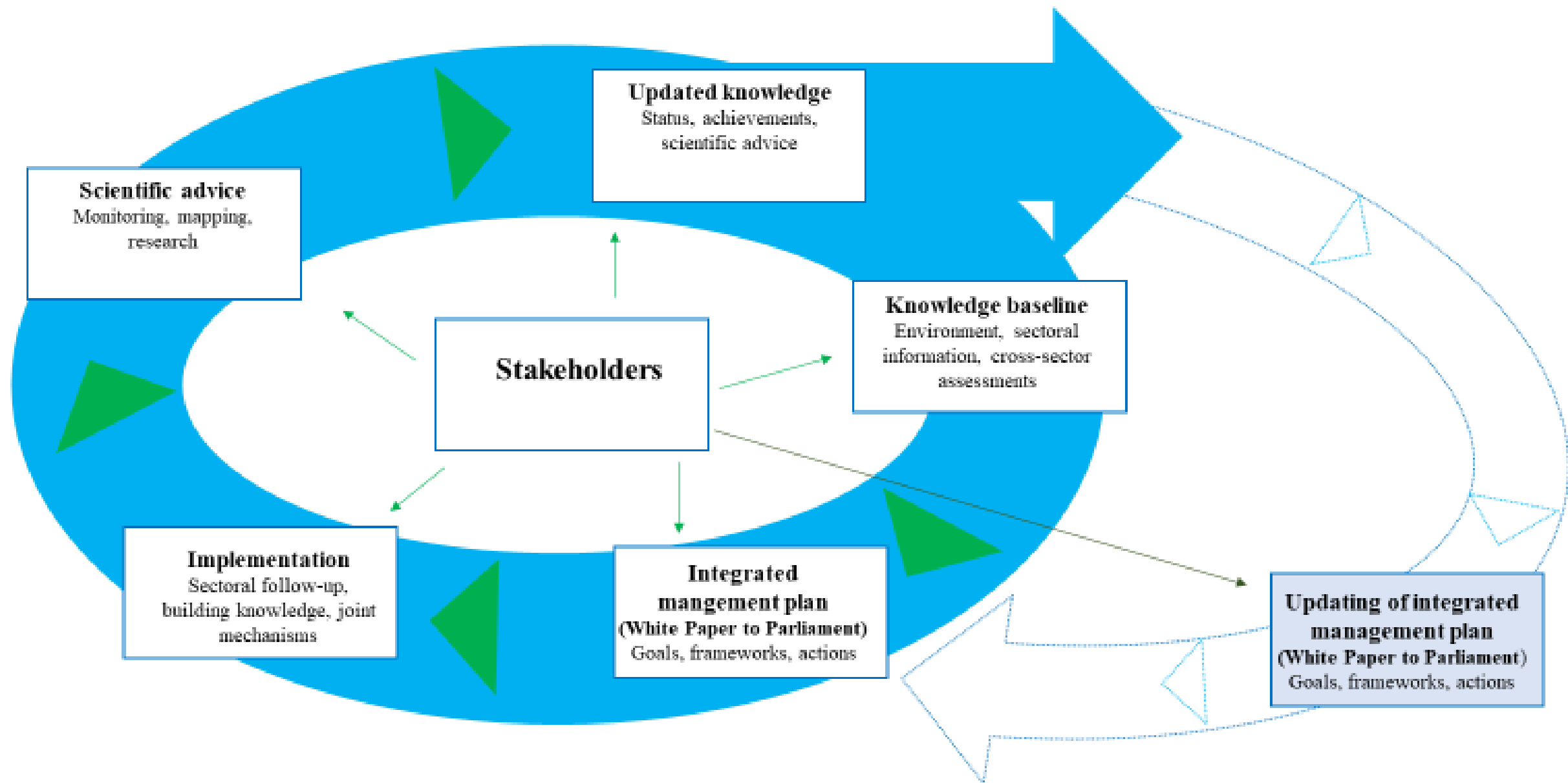
Source: Miljødirektoratet/Arealverktøyet



Mapping

- Physical data
- Activities: Fisheries, aquaculture, shipping lanes, oil & gas, offshore wind, military etc

- Source: Fiskeridirektoratet, Kystverket, Miljødirektoratet, Norges vassdrags- og energidirektorat, Oljedirektoratet/Arealverktøyet.
- Bakgrunnskart til Arealverktøyet: GEBCO og Kartverket



Scientific advice
Monitoring, mapping, research

Updated knowledge
Status, achievements, scientific advice

Knowledge baseline
Environment, sectoral information, cross-sector assessments

Stakeholders

Implementation
Sectoral follow-up, building knowledge, joint mechanisms

Integrated mangement plan (White Paper to Parliament)
Goals, frameworks, actions

Updating of integrated management plan (White Paper to Parliament)
Goals, frameworks, actions