

FixO3 Service Activities: Access to data products and knowledge WP10 (SA-coordination in WP4)

Antje Boetius, Felix Janssen, Ingo Schewe (AWI)



WP10 partners / SA providers

Blue Lobster IT Limited | BLIT
SME, Lowestoft (UK)



Centre National de la Recherche Scientifique | CNRS
La Seyne / Mer (France)



Consiglio Nazionale delle Ricerche | CNR
Genoa (Italy)



Hellenic Centre for Marine Research | HCMR
Athens, Greece



**Institut français de recherche pour l'exploitation
de la mer | Ifremer** | Brest (France)



Instituto Español de Oceanografía | IEO
Santander (Spain)



Instituto Nacional de Desenvolvimento das Pescas | INDP
Mindelo (Cape Verde)



Istituto Nazionale di Geofisica e Vulcanologia | INGV
Rome (Italy)



**Istituto Nazionale di Oceanografia e di Geofisica
Sperimentale | OGS | Trieste (Italy)**



Natural Environment Research Council | NERC-NOC
Southampton (UK)



Oceanic Platform of the Canary Islands | PLOCAN
Telde, Canary Islands (Spain)



Universitetet i Bergen | UiB
Bergen (Norway)



**Agencia Estatal Consejo Superior de Investigaciones Científicas
CSIC | Madrid (Spain) | Third Party associated with PLOCAN**



**Alfred Wegener Institute Helmholtz Centre for Polar and
Marine Research | AWI | Bremerhaven (Germany)**



WP10 objectives

Service Activity characteristics

- Unrestricted provision of access to selected observatory data & products through the FixO3 portal
- Provision for a defined period, updates as new data become available
- Comprehensible 'FixO3 added value' of data and products, e.g.,
 - access to restricted data
 - provision of derived variables
(e.g., productivity estimates, mixed layer depth, saturation state)
 - data visualizations and derived variables

SA management objectives (WP4 task 4.5)

- Ensure excellent SA quality and maximize public awareness and use
- Harmonization and standardization of data streams
- Publicize SAs via the FixO3 web portal and direct contacts with Stakeholder and user groups (in cooperation with WPs 6, 7, and 8)
- Identify means to monitor data use (web statistics, data label)
- Interact with independent SA Panel and monitor implementation of their recommendations

Service activity overview

FixO3 SA facts

- 17 SAs from 12 observatories
- 1 trans-observatory SA (EMECO tool for data integration & visualization)
- 4 categories / disciplines

OCEAN PHYSICS AND CLIMATE CHANGE

6 SAs

CARBON CYCLE AND OCEAN ACIDIFICATION

4 SAs

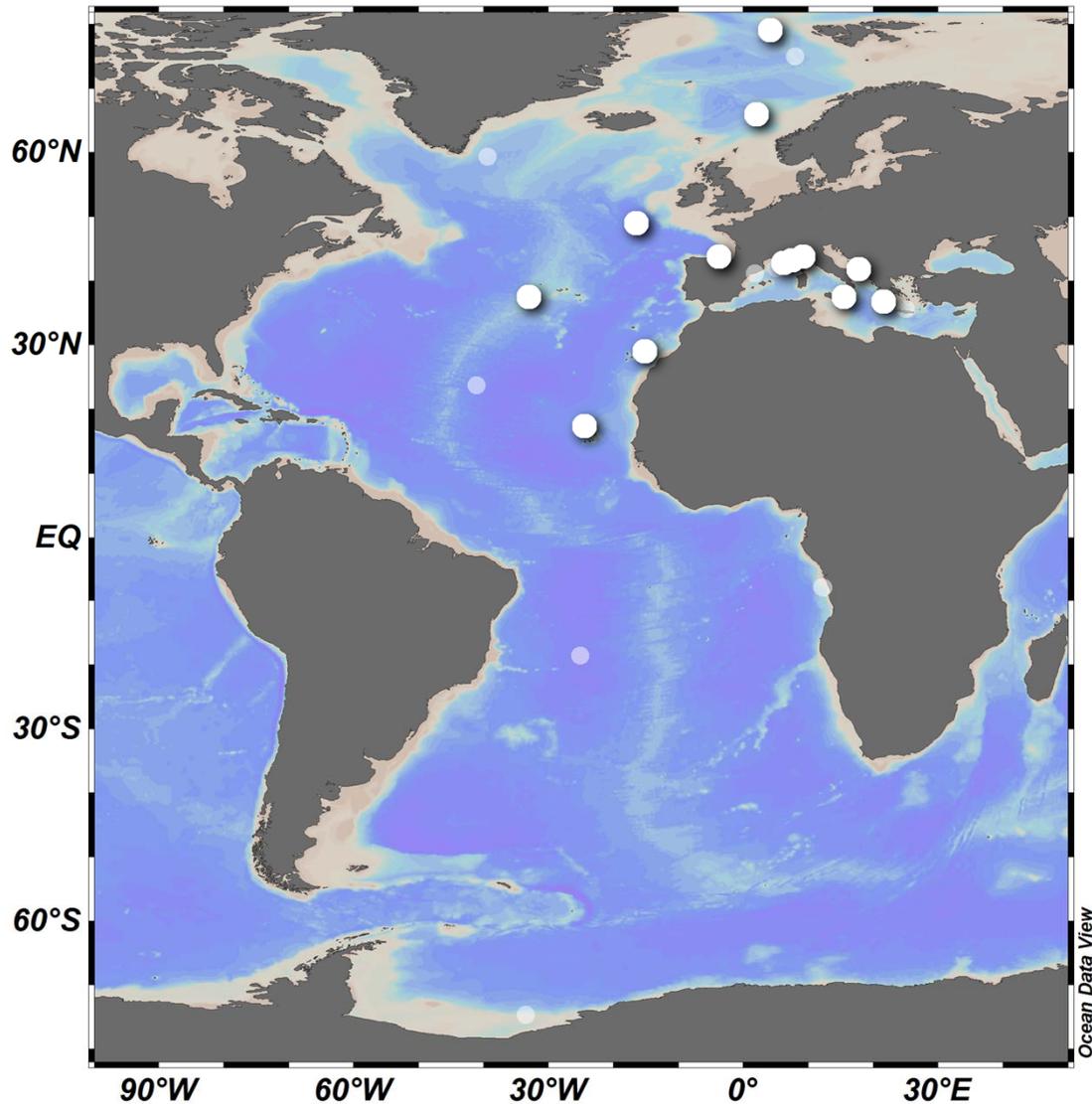
BIODIVERSITY AND ECOSYSTEM ASSESSMENT

4 SAs (incl. EMECO)

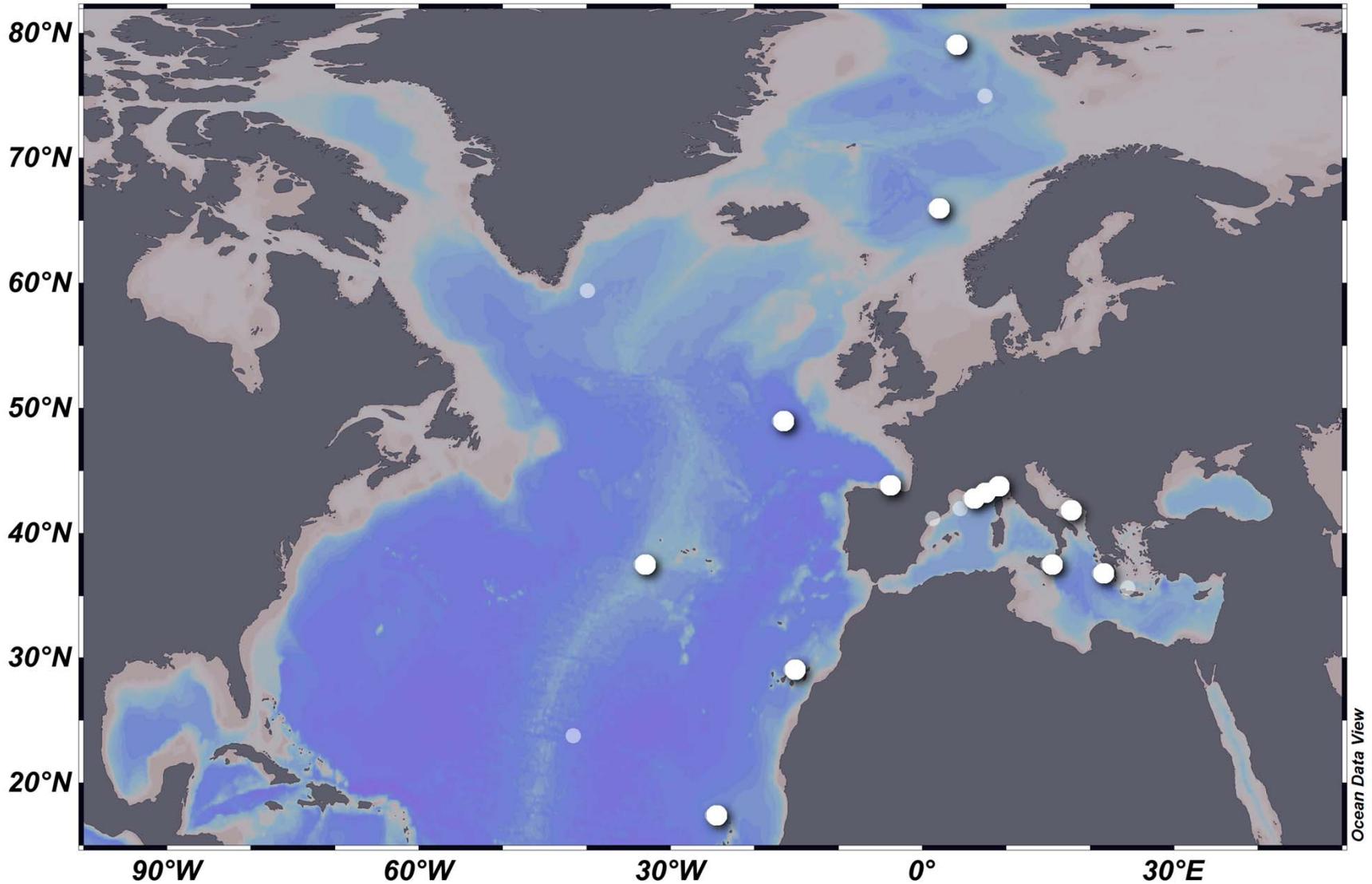
GEOPHYSICS AND GEODYNAMICS

4 SAs

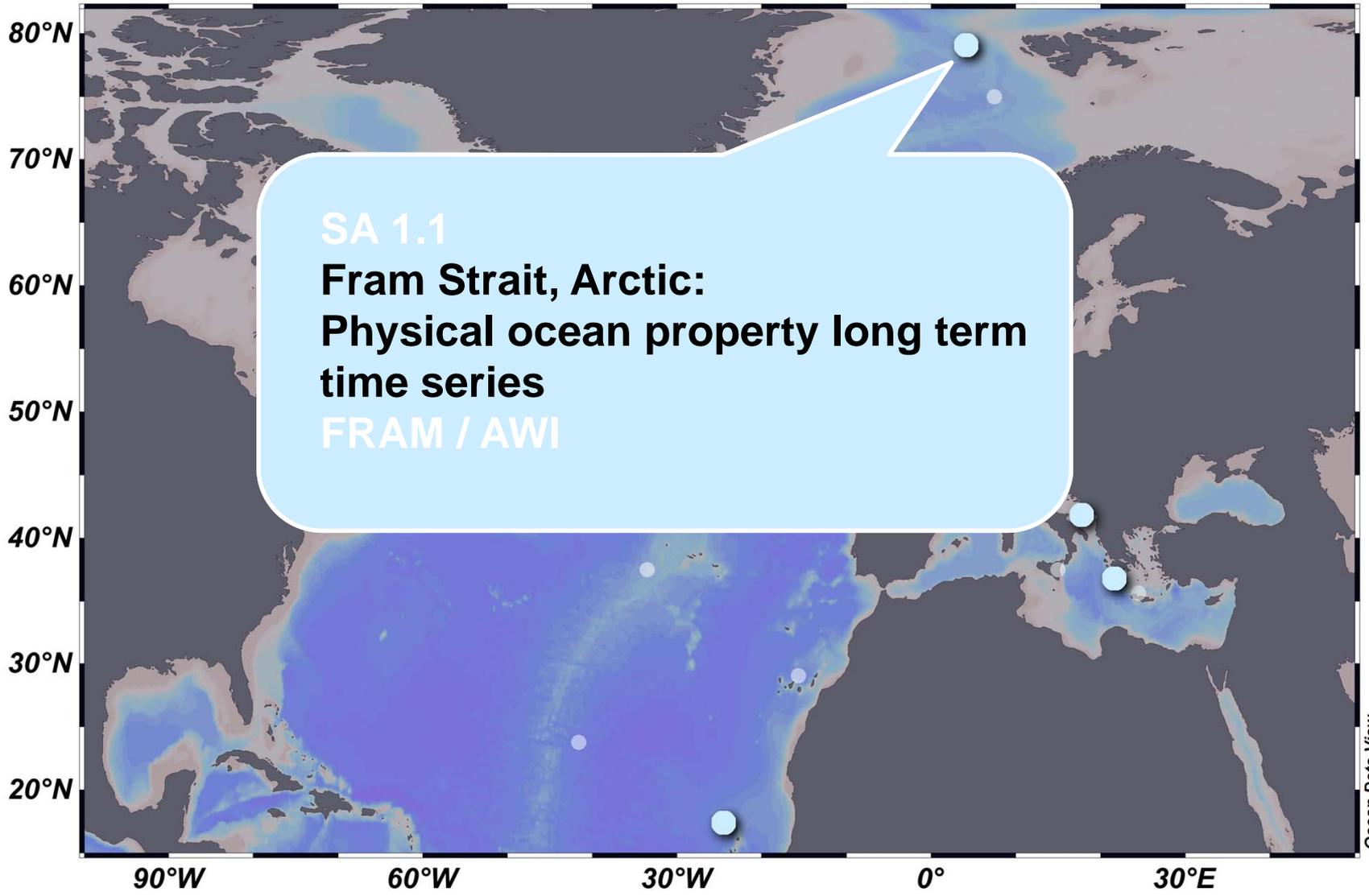
Service Activity observatories and focuses



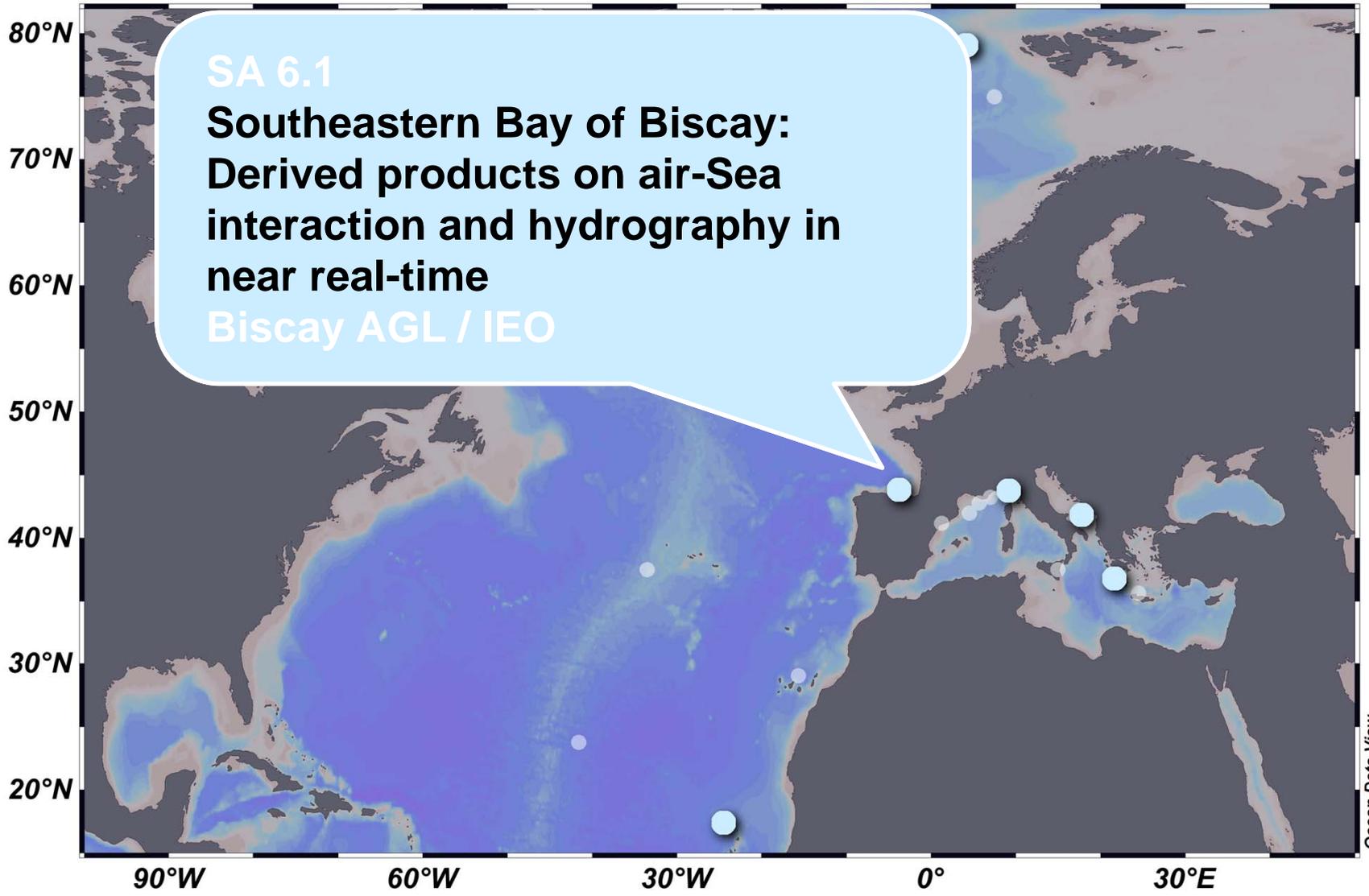
Service Activity observatories and focuses



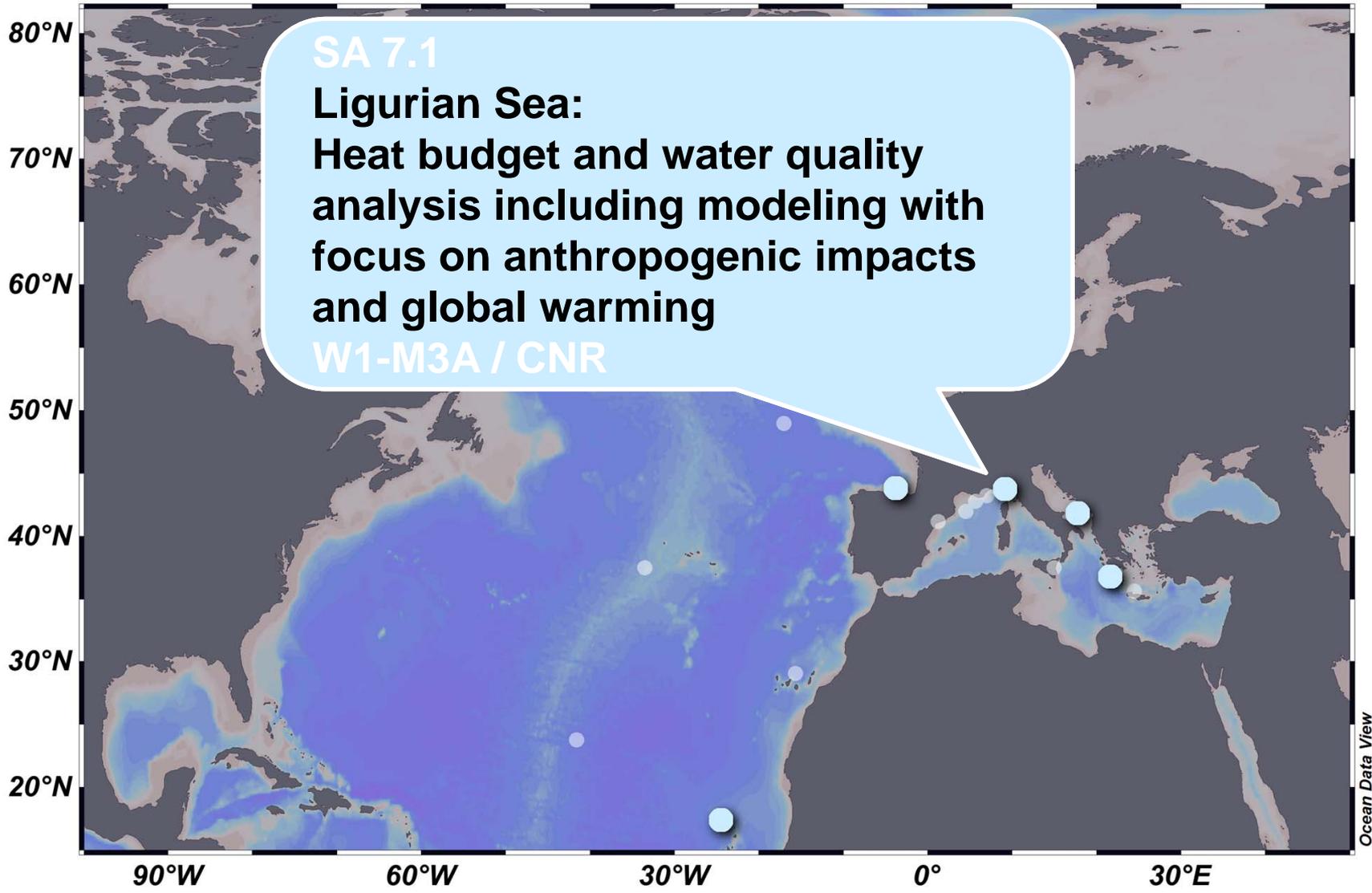
Ocean physics and climate change



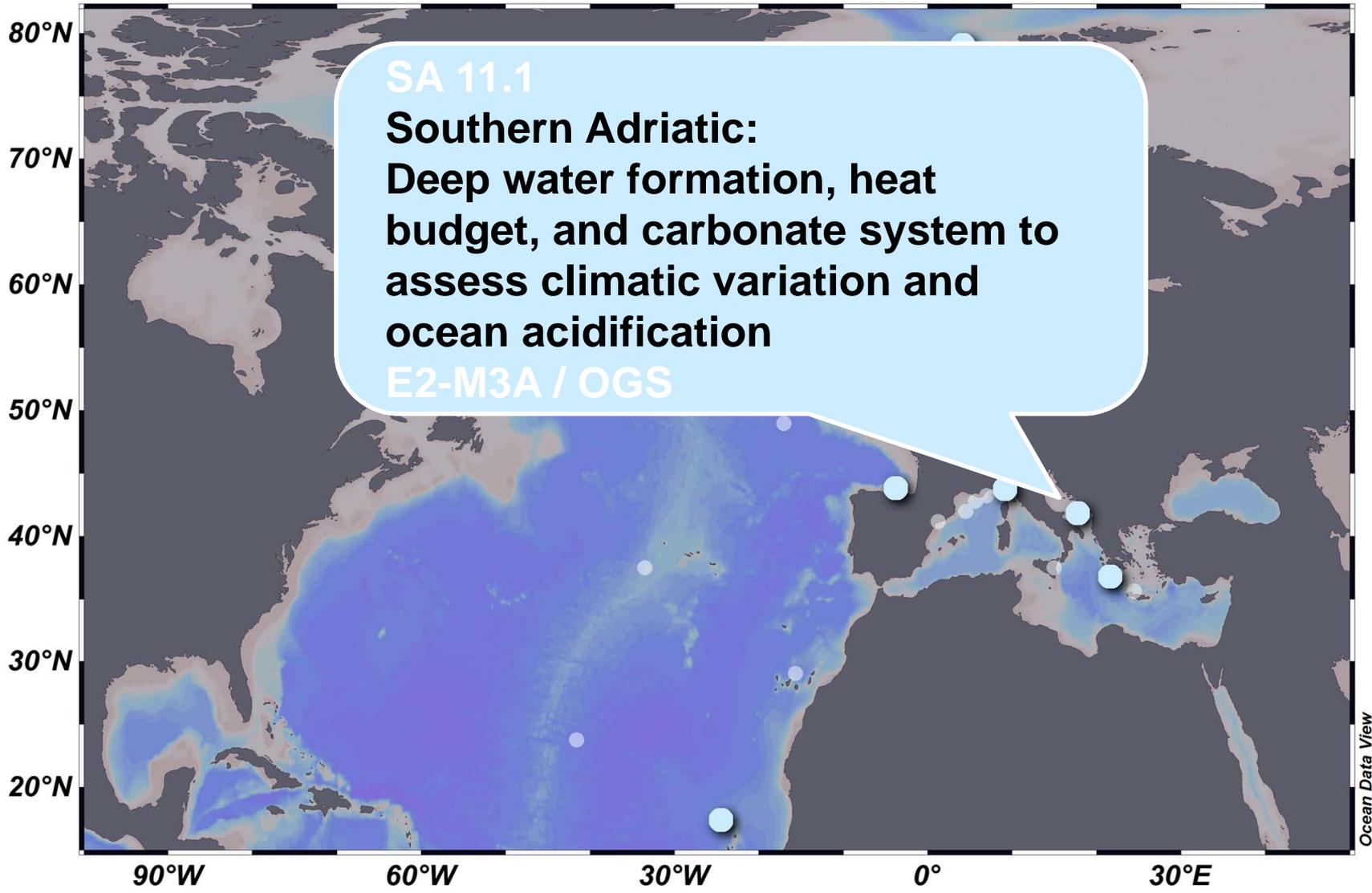
Ocean physics and climate change



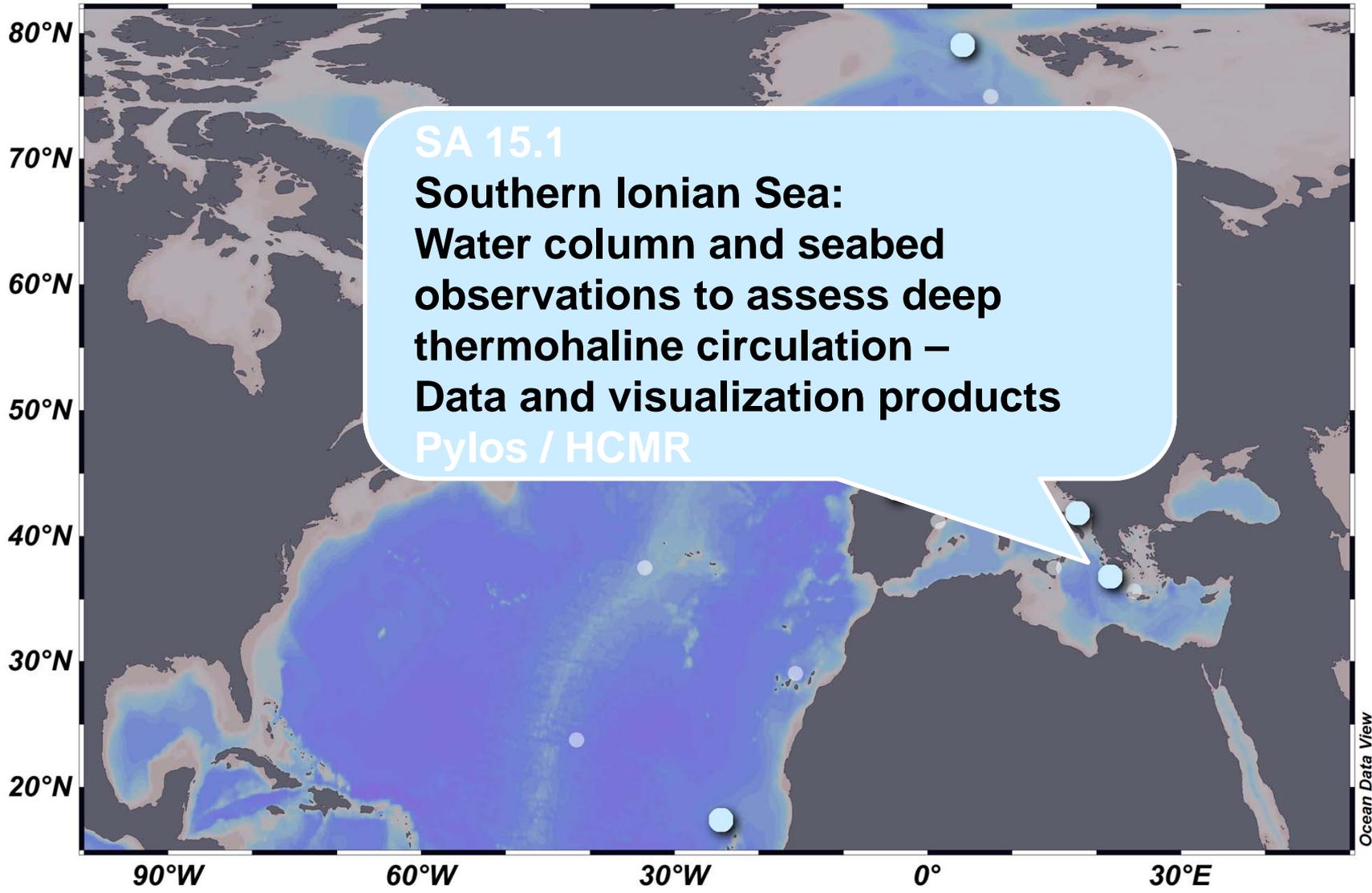
Ocean physics and climate change



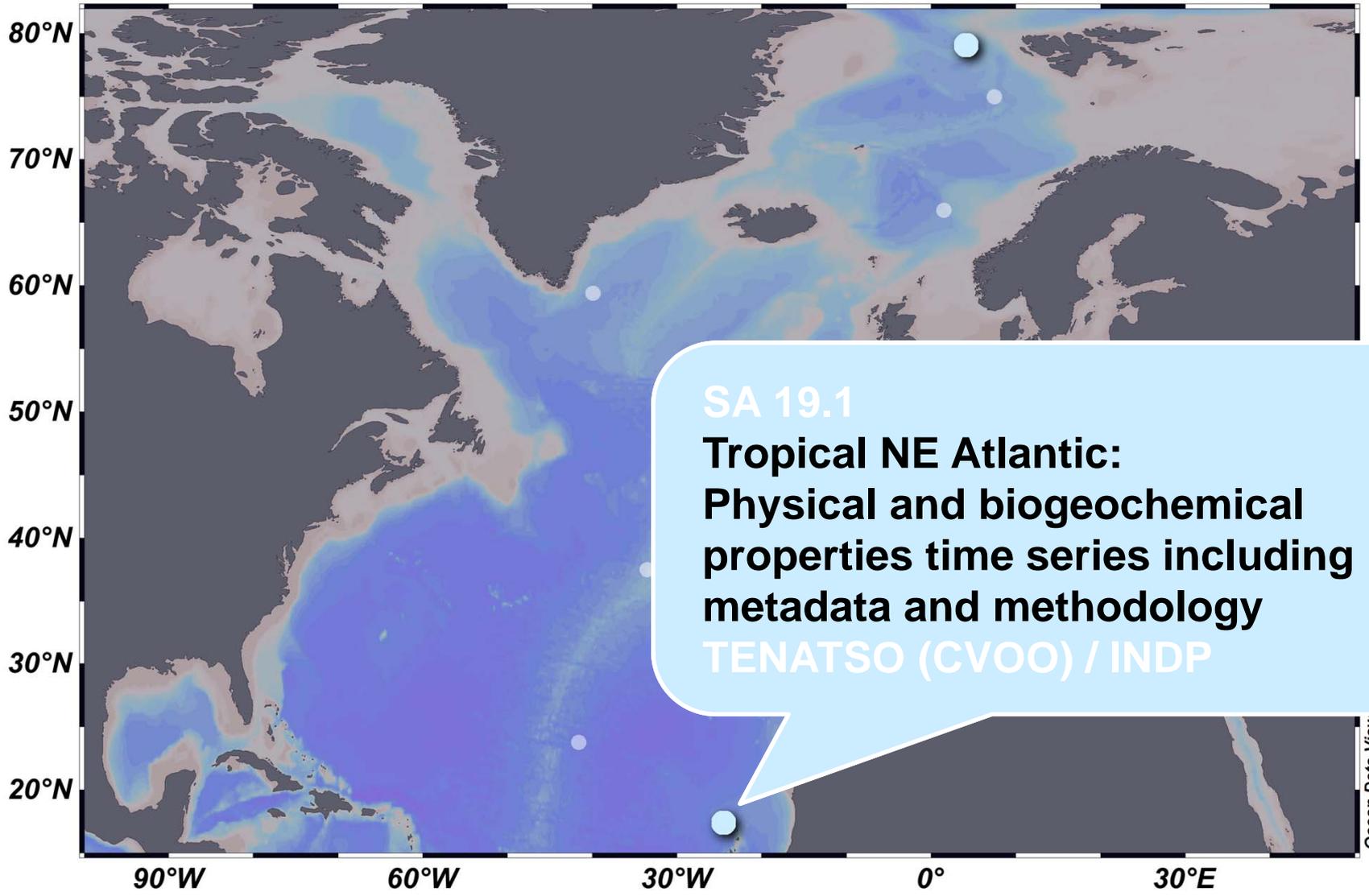
Ocean physics and climate change



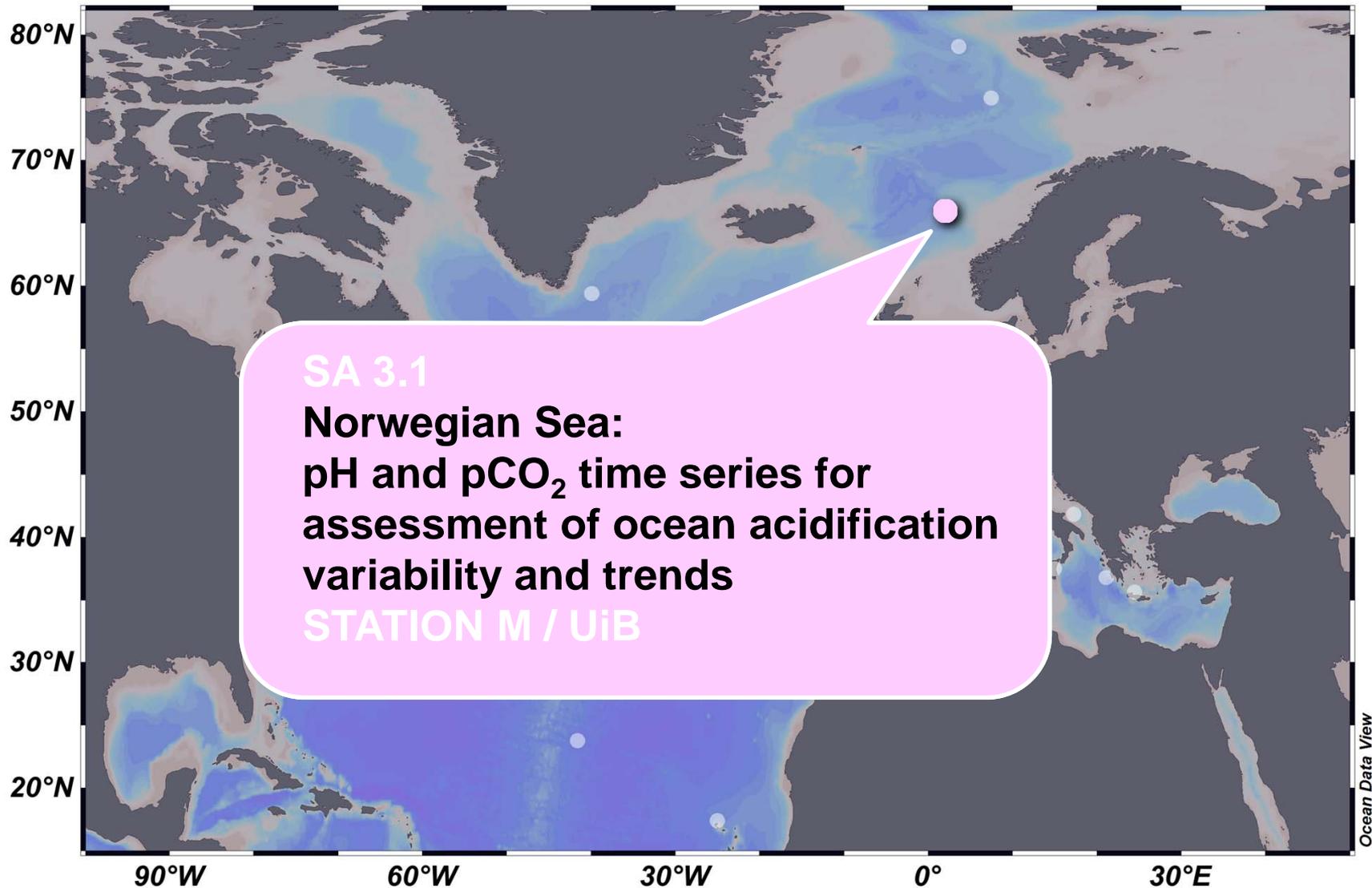
Ocean physics and climate change



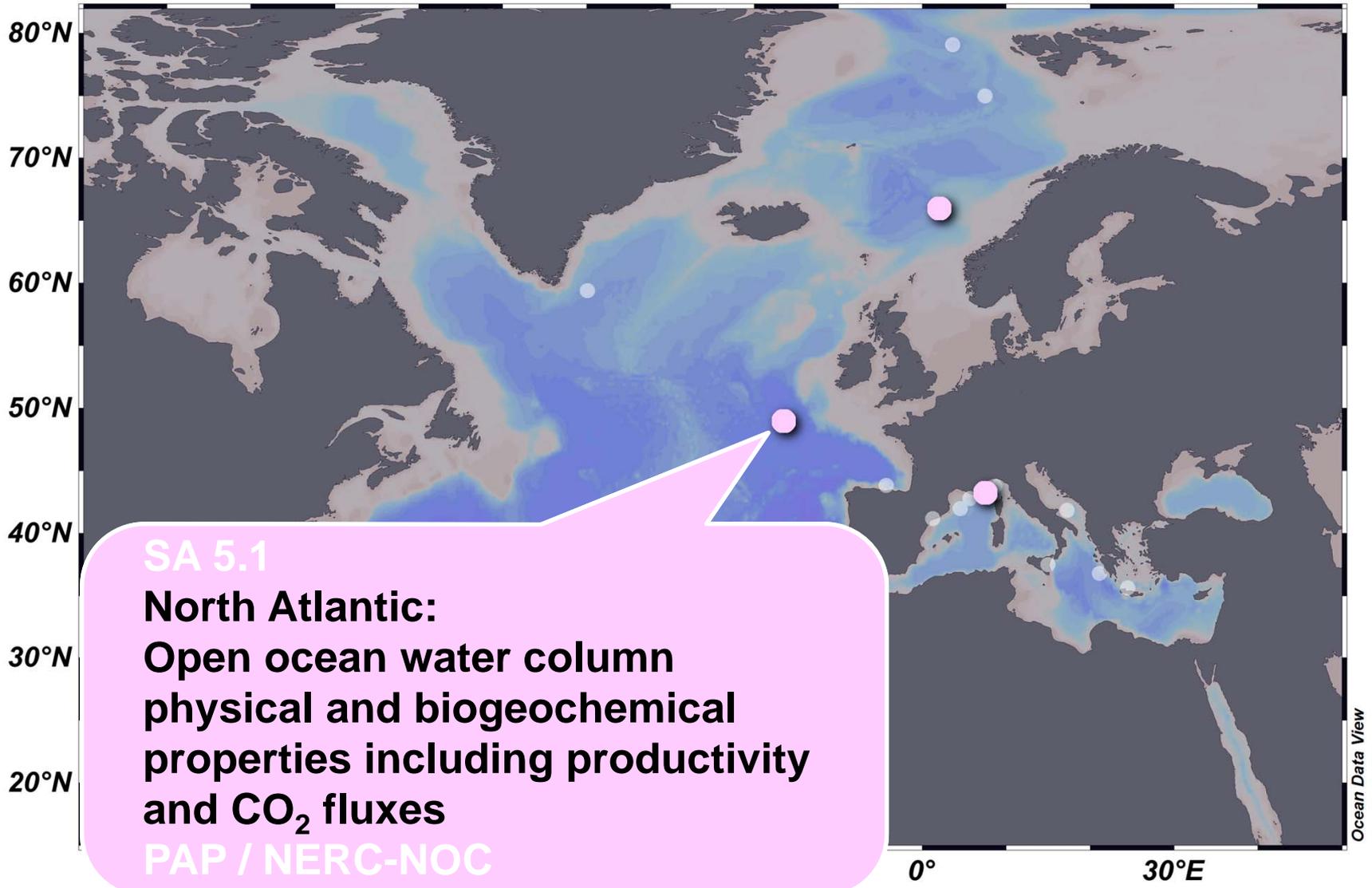
Ocean physics and climate change



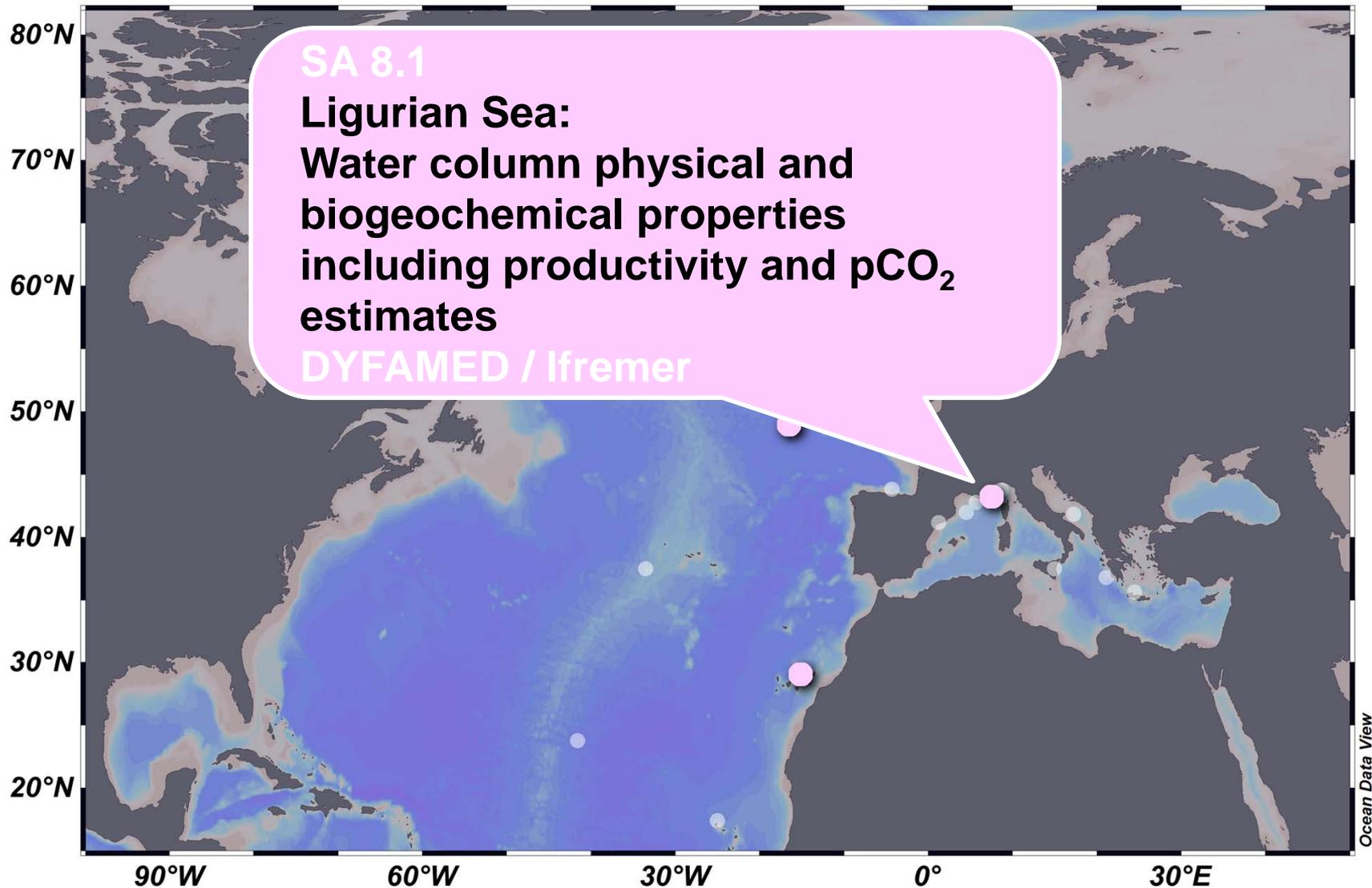
Carbon cycle and ocean acidification



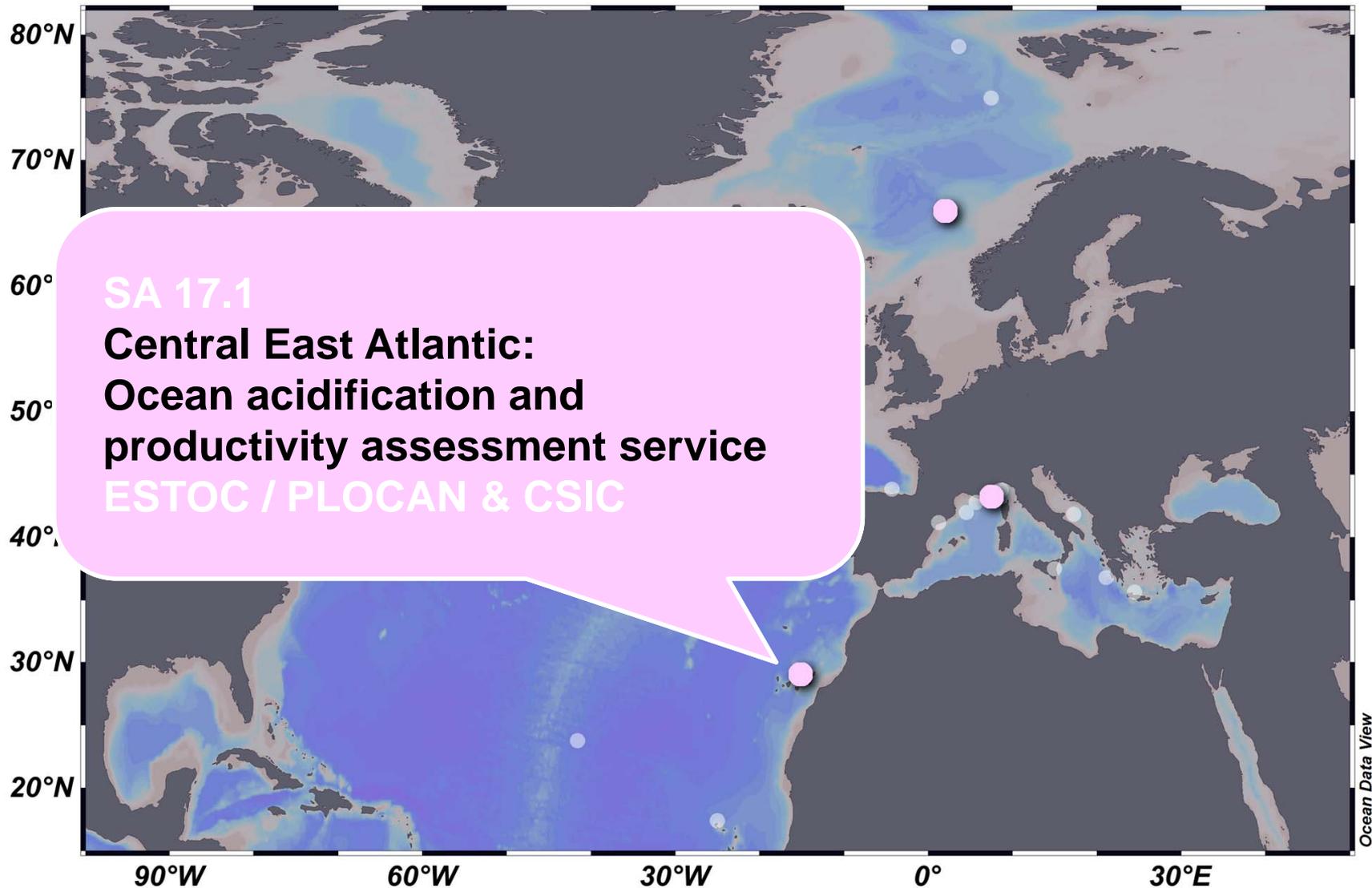
Carbon cycle and ocean acidification



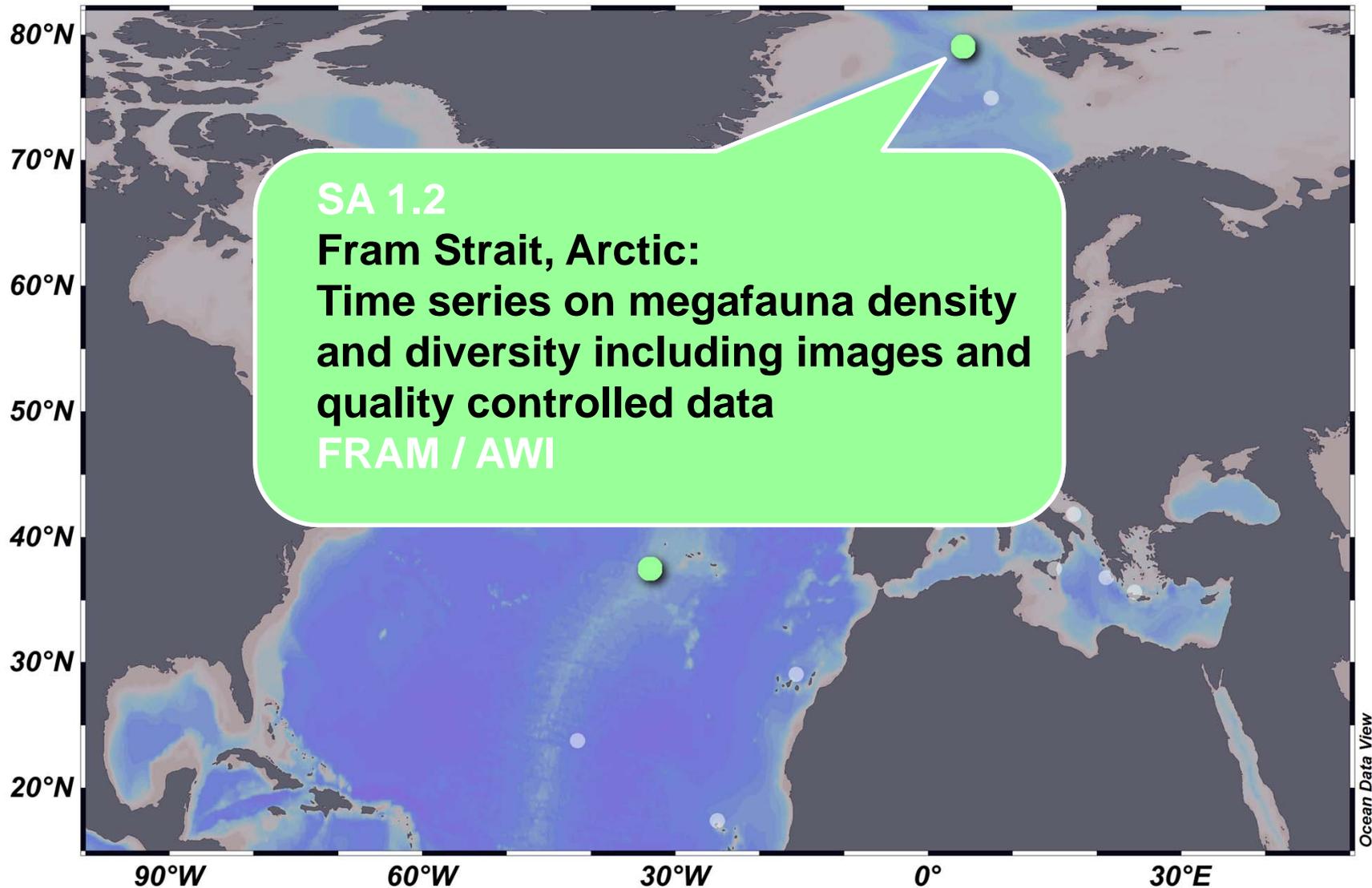
Carbon cycle and ocean acidification



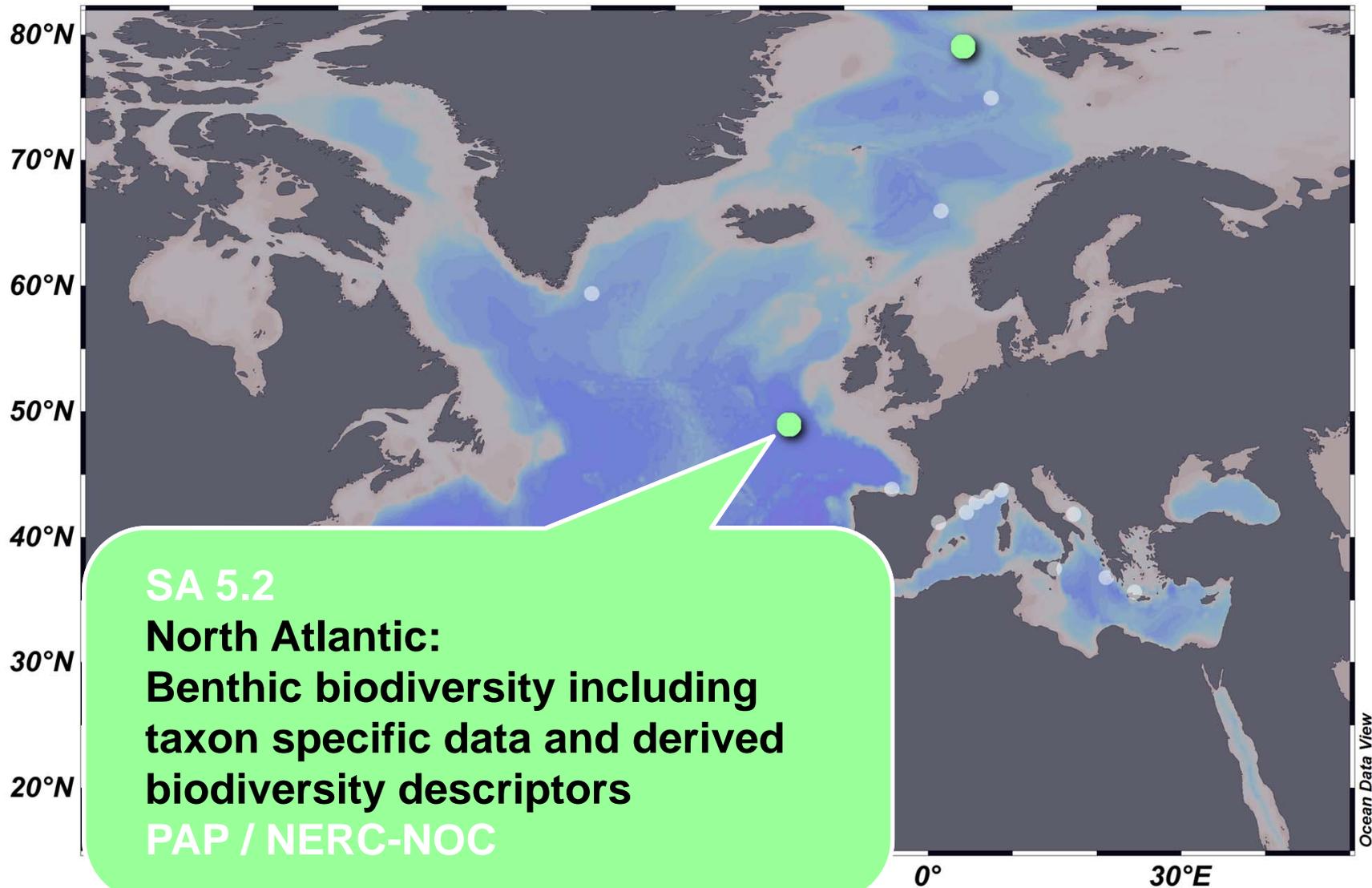
Carbon cycle and ocean acidification



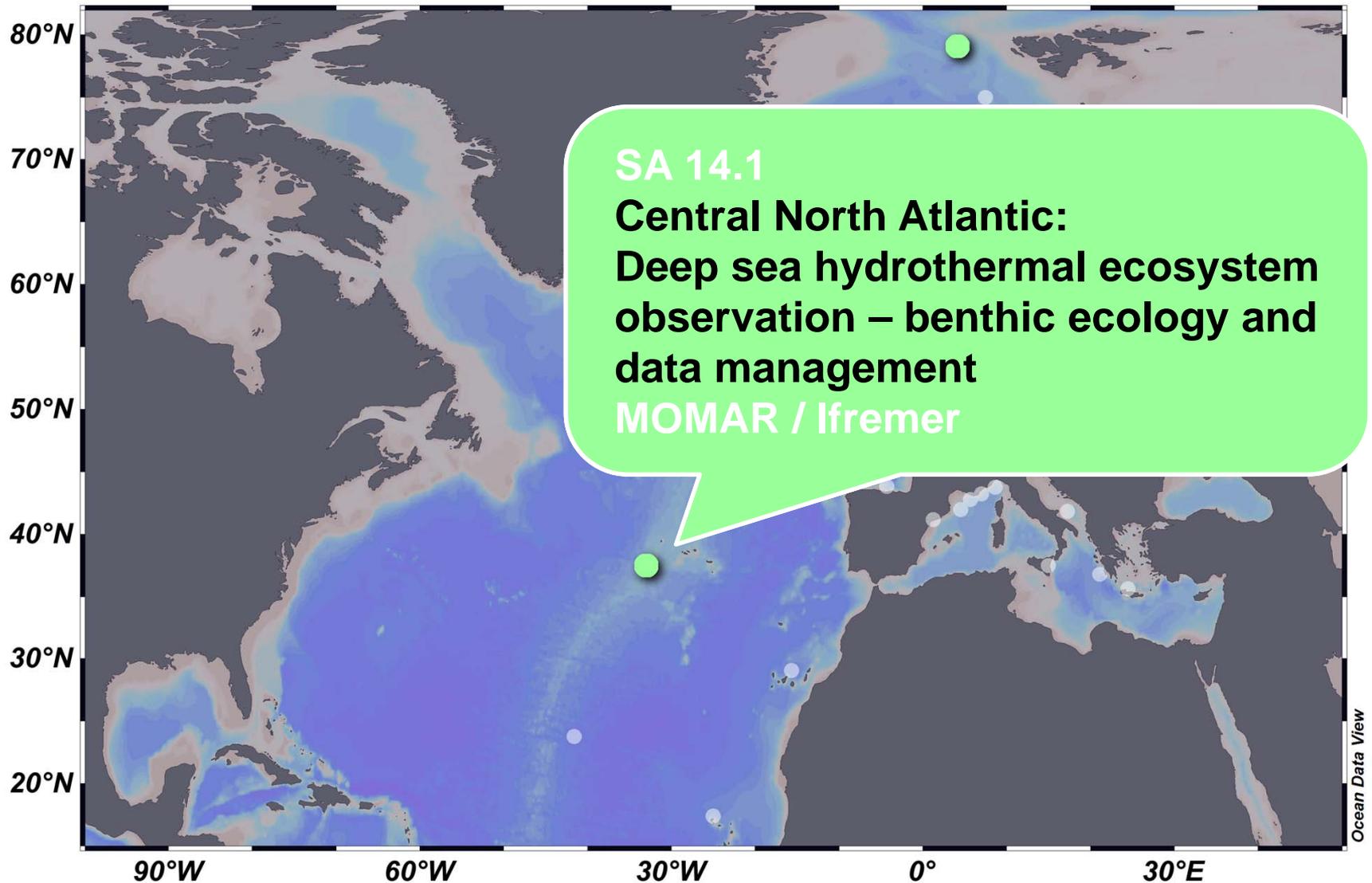
Biodiversity and ecosystem assessment



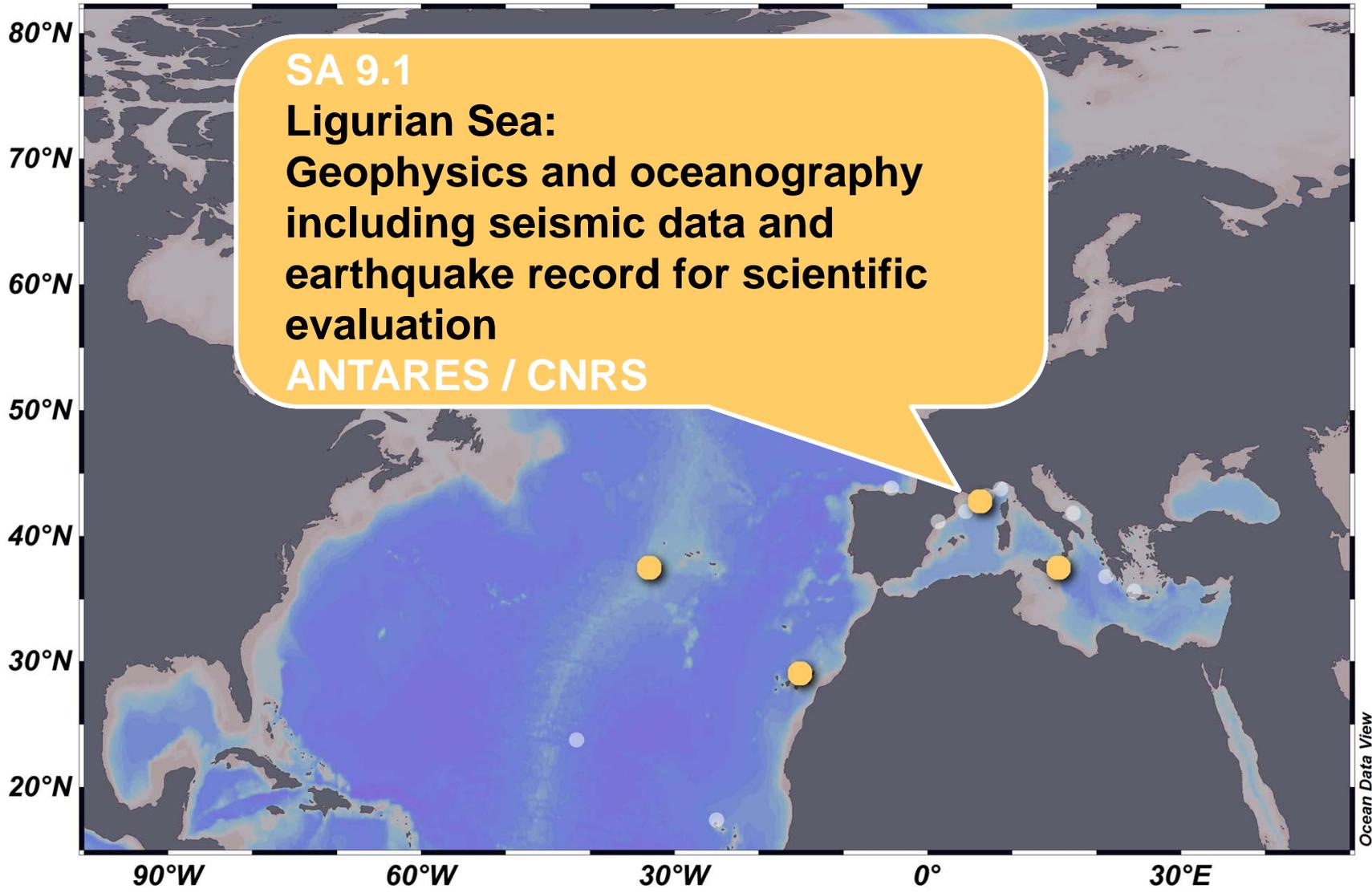
Biodiversity and ecosystem assessment



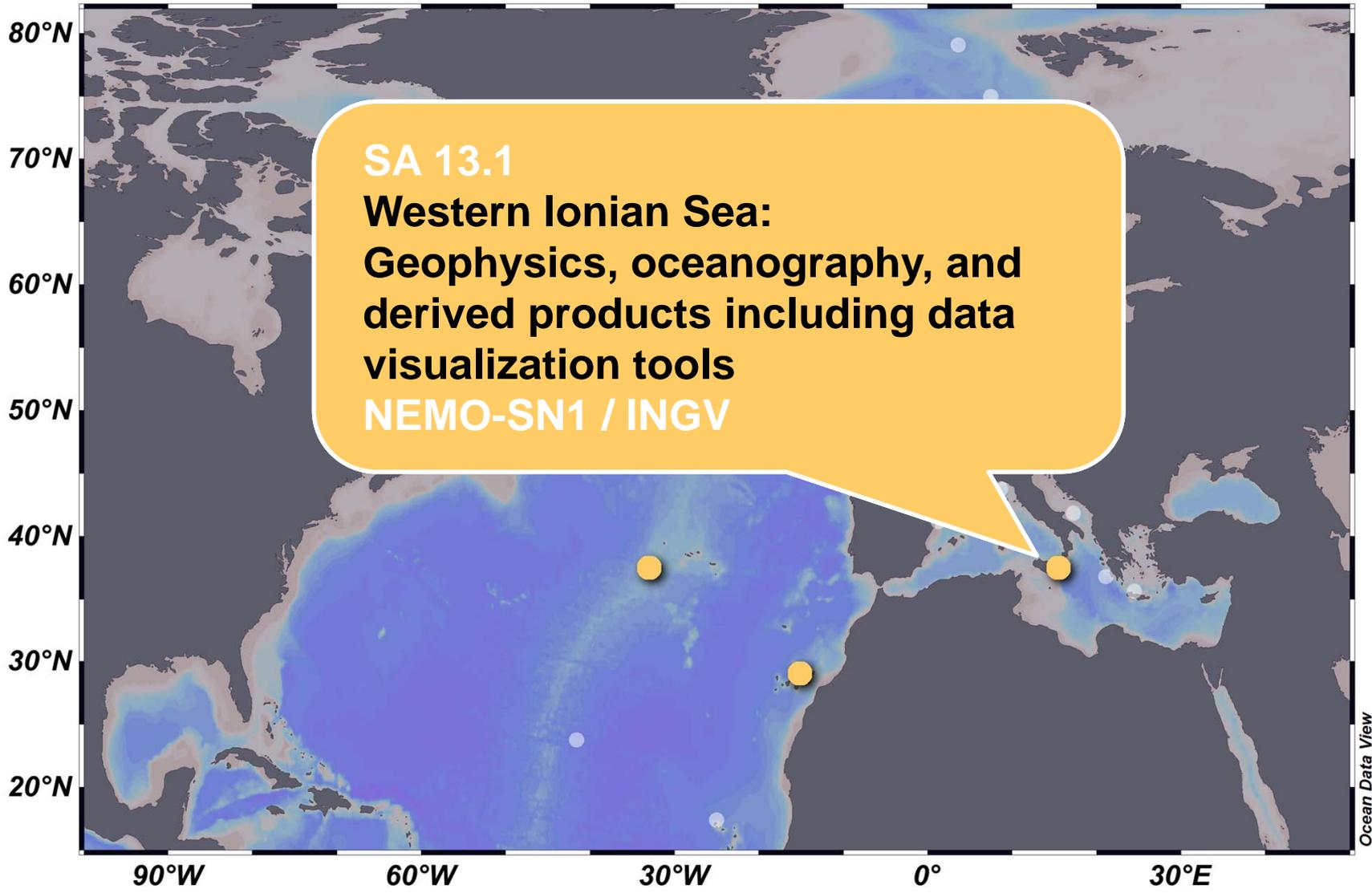
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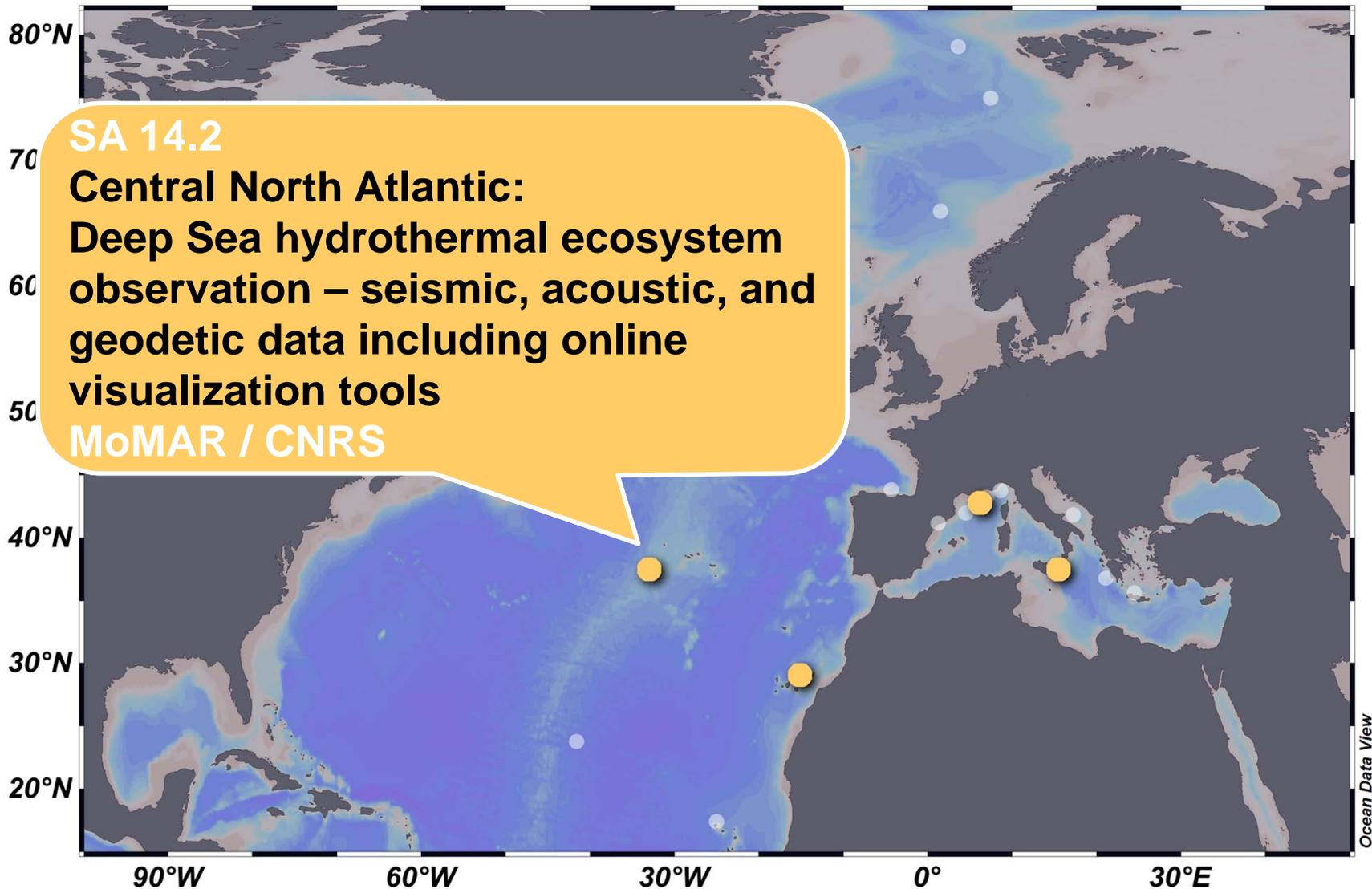
Geophysics and geodynamics



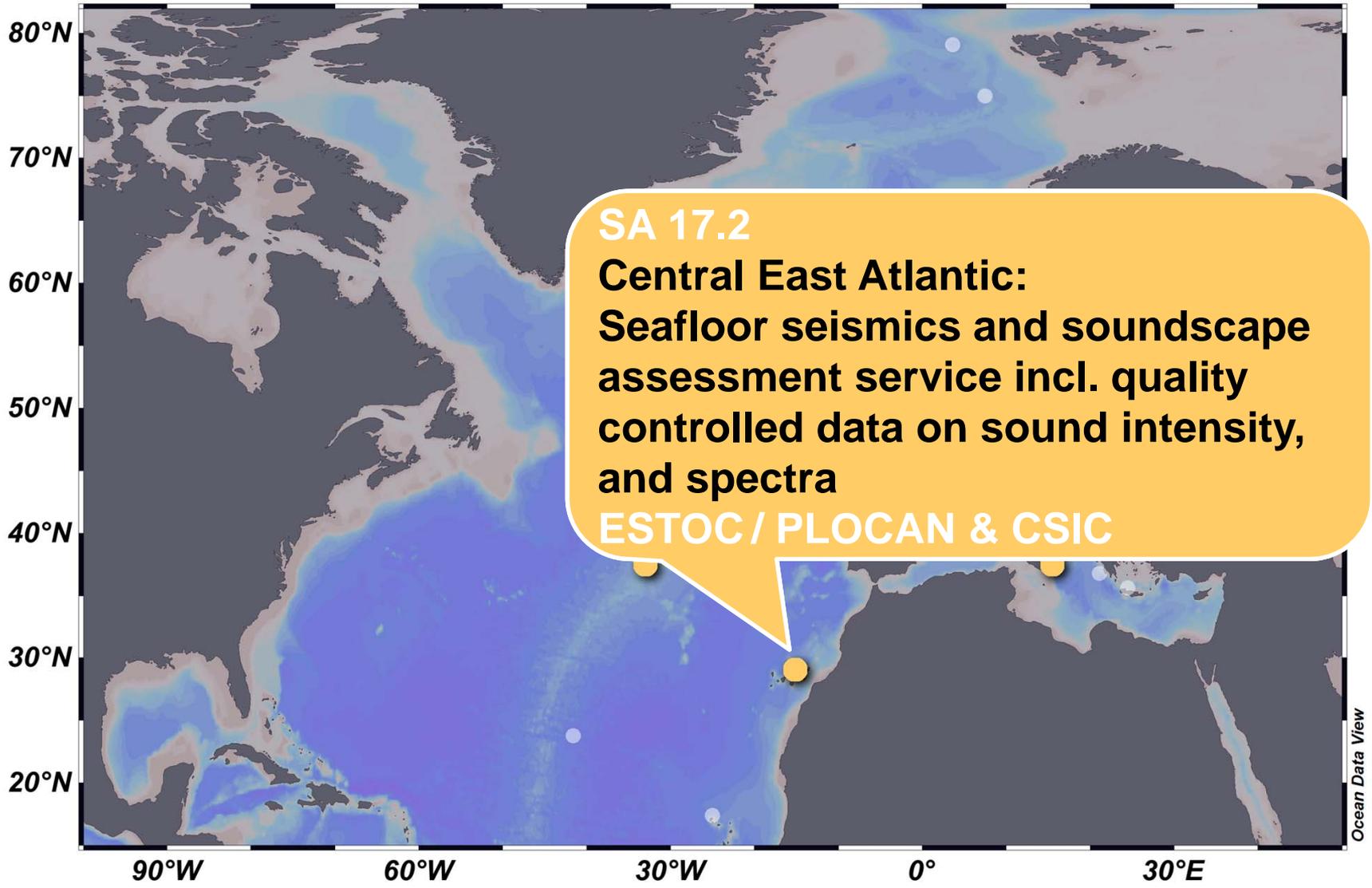
Geophysics and geodynamics



Geophysics and geodynamics

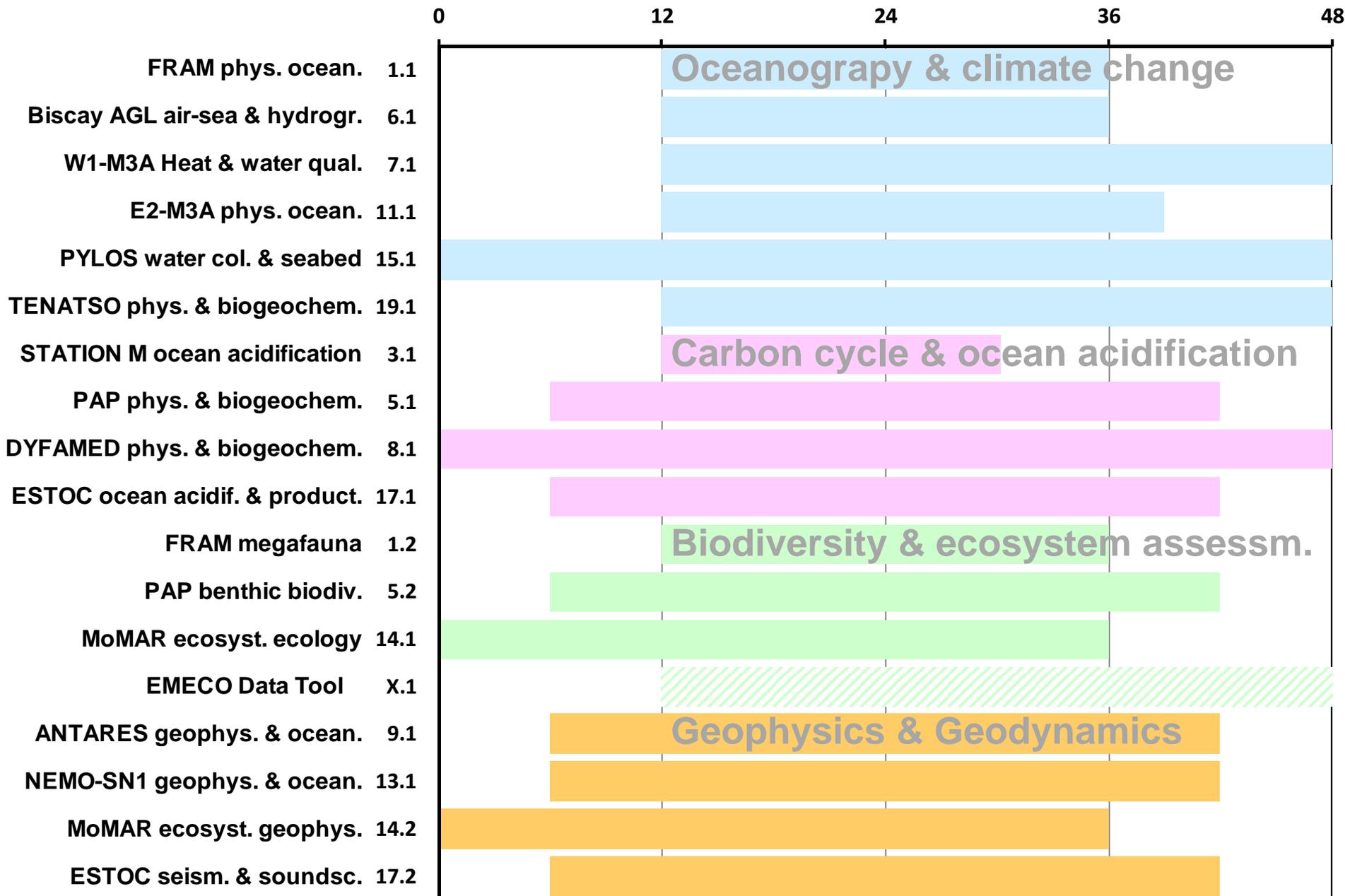


Geophysics and geodynamics

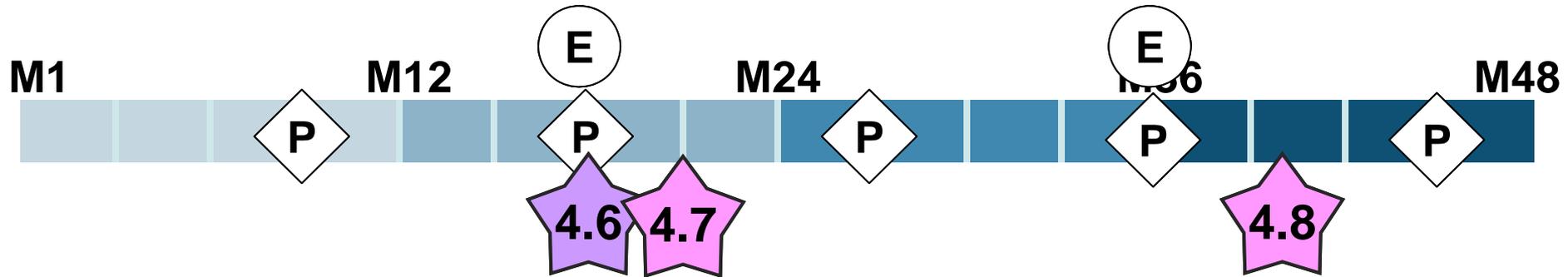


SA, WP10 & WP4 tasks, timeline, and evaluation

WP10: Service Activities timeline



SA reporting and evaluation in WP4 and 10



 Internal progress updates on SA status and dissemination and implementation of SA panel recommendations (M9, 18, 27, 36, 45)

 Evaluation of SA quality and outreach by SA Panel of international a panel of international experts incl. recommendations (M18, 36)

 4.6 Monitoring of SA implementation and dissemination (Deliverable, M18)

 4.7 Reports on SA's procedures, development, dissemination, and use (Deliverables, M20, 40)

Starting actions and next steps (1)

Collection of information on planned SAs by WP10 coordinator

- Collecting [basic information on SA content and status](#), incl. information on data archiving and access, added value, open issues and need for support

Service Activity workshop (19. Nov., 17:45)

- SA providers, people involved in data managing & harmonization (WP4) and networking & outreach (WPs 6, 7, 8)
- Starting the process towards harmonisation and optimisation of the services and dissemination means
- Identifying problems, risks, and support needed for a timely SA provision
- Selection of SAs for dissemination / visualization via EMECO data tool
- Exchange on stakeholder groups and initiatives to be informed and appointment of SA categorie representatives to promote the SAs

Formation of the Service Activity Panel

- Independent international reviewing board (experts, users, stakeholders)
- Currently discussed with FixO3 coordinator and SC

Starting actions and next steps (2)

Connect first SAs to the FixO3 portal

- Setup SA area of the FixO3 portal and implement SA provision
- Focus on early SAs (M1)
 - PYLOS pyhs. oceanography
 - DYFAMED carbon cycle
 - MoMAR ecology
 - MoMAR geophysics
- Solve issues concerning data harmonization, data access, authentication, and monitoring of usage