

EMODnet Biology Overview

17th EMODnet Steering Committee
7-8 November 2022

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Biology

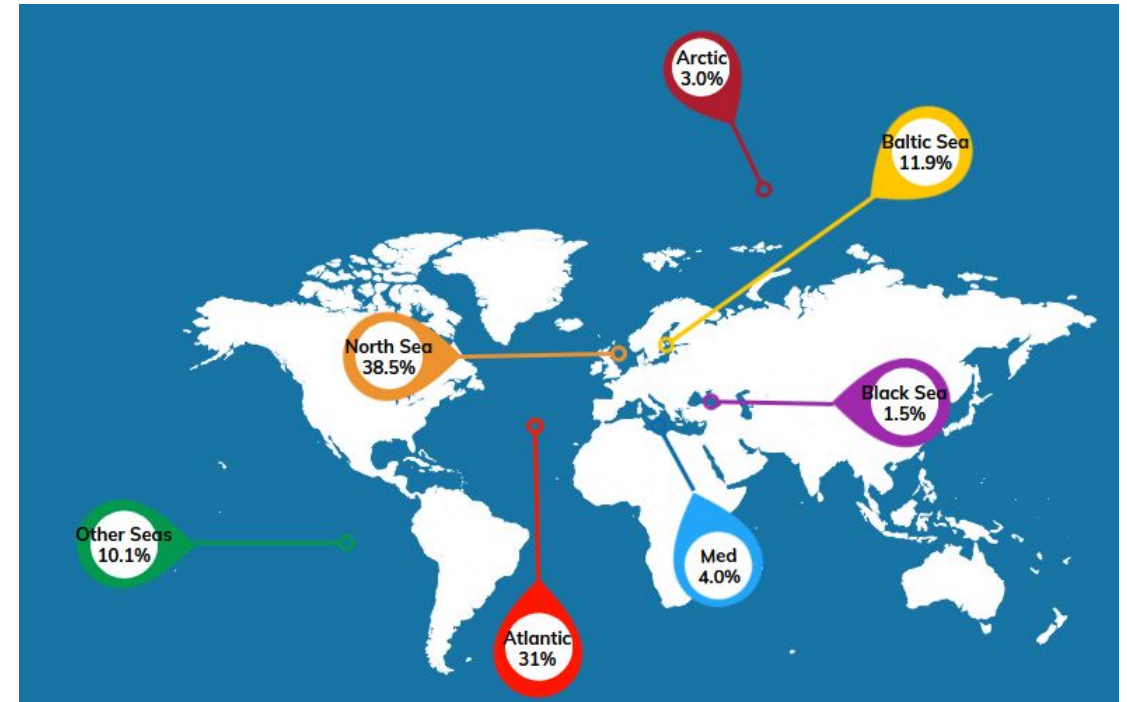
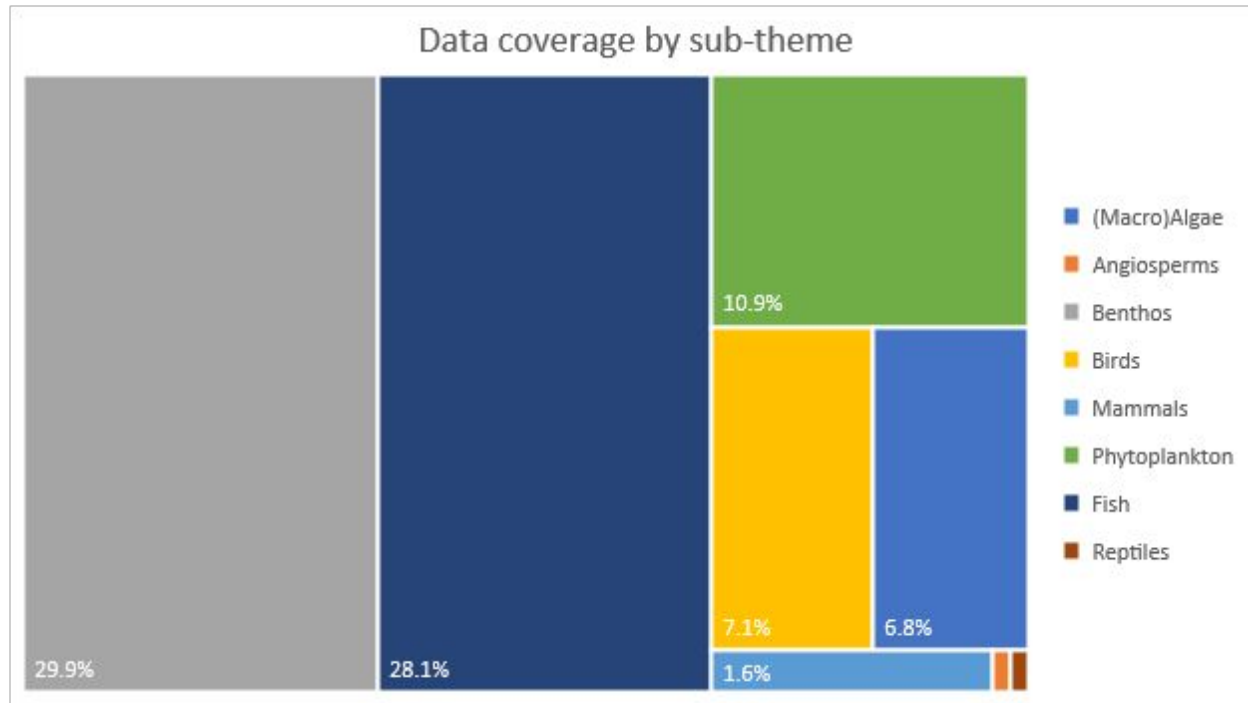
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Project Progress: Overview of Deliverables and Milestones

Task/Month	QR17	QR18	QR19	QR20	QR21	QR22	QR23	QR24	
	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr
WP1- Coordination	0	0	0	0	0	0	0	0	0
D1.1: Maintenance of operational Helpdesk service with contact details published online (M0-M6)	0	0	0	0	0	0			
D1.2: Quarterly progress reports (M3-M24)		0	0	0	0	0	0	0	0
D1.3: Interim report (M12)					0				
D1.4: Final report (M24)									0
D1.5: Attend the Steering Committee and Technical Working Group meetings (M0-M24)	0	0	0	0	0	0	0	0	0
WP2- Data	0	0	0	0	0	0	0	0	0
D2.1: Inventory of possible historical data resources within the consortium (M6)		0							
D2.2: Technical implementation of data flows for the new project partners (M6)		0							
D2.3: Report on efforts undertaken in rescuing historical data through citizen science (M18)						0			
D2.4: At least 3 linkages with databases/initiatives outside of the original Consortium, resulting in extra data/information available via the Portal (M20)							0		
D2.5: Feasibility study for recognition of specific ecological traits and/or sampling devices/methodologies in text (M22)								0	
D2.6: Report on the standardisation and integration of the proposed new and updated datasets (M24)									0
WP3- Data Products	0	0	0	0	0	0	0	0	0
D3.1: Quarterly WP3 community calls; call leader or other nominated team member to produce summary report of each call for publication on EMODnet website (M3-M24)		0	0	0	0	0	0	0	0
D3.2: Annual intensive workshops, in person with online participation options. Workshops involve collaborative product development on one or more targeted themes derived from WP4 user needs questionnaire (M12, M22)					0			0	
D3.3: Publish R package to link EMODnet biology data with data from other EMODnet sources (M12)					0				
D3.4: Develop method to use Phase III presence-absence maps to display time series of distribution change (M12)					0				
D3.5: Produce position paper outlining questions that can be addressed using EMODnet data, together with remaining gaps, and strategies for filling these (M24)									0
D3.6: Add/update data product metadata in the EMODnet Biology catalogue (M24)									0
WP4- Uptake, Outreach and Communication	0	0	0	0	0	0	0	0	0
D4.1: Questionnaire to inform cross-lot product development (M3)	0								
D4.2: EMODnet Biology connectivity 'map' of projects, institutes, initiatives and networks to inform targeted engagement (M12)					0				
D4.3: EMODnet Biology participation in each of the RSC's to inform and advise of available data products and mechanisms to access and influence the development of data, products, tools and services (M12)					0				
D4.4: "Launch" of the European MBON node (M24)									0
D4.5: Creation of engaging and informative use-cases for EMODnet Biology to illustrate uptake and utility of data products across a range of stakeholders across the quadruple helix of engagement. (M6, M12, M18, M24)		0			0		0		0
WP5- System Architecture	0	0	0	0	0	0	0	0	0
D5.1: User portal operation and maintenance (M0-M6)	0	0	0	0	0	0			
D5.2: Webservices operation and maintenance (M0-M24)	0	0	0	0	0	0	0	0	0
D5.3: Technology stack upgraded (M12)					0				
D5.4: Evaluation and implementation of bulk data transfer technologies (M24)									0

- Pending
- Ongoing
- Done
- To do

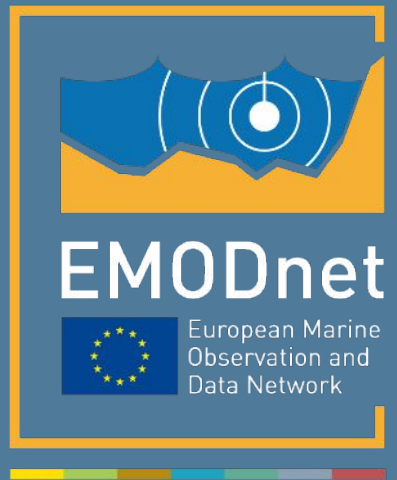
Progress on data and geographic coverage



- Data still missing: (Macro)Algae, Angiosperms, Birds, Mammals, Reptiles
- Data/products: species migration routes including timing and duration, particularly those that might be affected by construction or deployment of new coastal or offshore infrastructure
- Major gaps: Arctic Sea, Black Sea, Mediterranean Sea (especially southern part)

Progress on data and geographic coverage

- Why can't we access missing data for unlocking via EMODnet
 - Provider concerns with sensitive information (e.g. industry providers)
 - Historical data “locked” in analogue documents
 - Researchers not keen on sharing data
 - Shortage of human resources (e.g data managers, taxonomists, ...)
 - War in the Ukraine
- What can we do more to ensure these are ingested/opened
 - Enforce data sharing policies in EU funded projects
 - Data sharing becomes a metric that can be used by researchers for career progression
 - Provide data traceability/usage to data providers
 - Avoid creation of data silos



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Europe*



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