



# Copernicus Marine Service

General Assembly Jan 26-28 2021  
Meeting Report



Implemented by  
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## In a Nutshell

**The Copernicus Marine Service General Assembly was organized online from January 26 to 28, 2021.** It was a very valuable conference to share results on main 2015-2021 achievements and consolidate future plans for the next Copernicus Marine Service phase. The General Assembly was structured into a series of plenary sessions, round table discussions, and 3 interactive sessions where the audience could visit a series of booths (see agenda in annex).

**Our virtual conference tool** has allowed the audience to not only follow plenary presentations, but also listen to round table discussions and virtually visit booths displayed in 3 different halls. We have globally very positive feedbacks from the audience about the organization of the virtual conference tool and the overall content of the presentations and the booths.

**Over the 3 days, we had the pleasure to host 638 unique participants online!** Globally, morning sessions were the ones the most attended, with a total **1228** cumulated participants during the first day, **650** during the second day and **613** during the third day morning. Our virtual conference tool home page has been viewed 11.200 times, with more than 4.900 page views for the virtual booths! Despite the COVID-19 crisis, we were able to showcase the excellent work done during the last 5 years by all our providers, and provide with a virtual tool that has allowed relative interaction between participants.

**The first day** morning provided an overview of the 2015-2021 achievements with interactive round tables showcasing the Copernicus Marine Network and how we work together with other Copernicus Services and European agencies. The afternoon of the first day was dedicated to showcasing our Blue, Green and White marine product offer and all the data providers at stake for such a daily data provision. The last session of the day was showcasing the Ocean State Report activities within the international landscape. The booth interactive session of this first day has allowed the audience to virtually visit 15 booths from the Copernicus Marine Service data providers.

**The second day** was focused on showcasing the evolution of the 2015-2021 product and service offer, with live demonstrations of the marine data cloud and the Myocean visualization tool. Users were also at stake with the presentation of six different downstream applications developed by some of our users for the aquaculture or marine navigation sector for example. Two booth interactive sessions have allowed the audience to virtually visit 47 booths during this second day, from the Copernicus Marine Service Evolution and User Uptake tender programmes.

**The third day** presented the drivers and plans for the next 2021-2027 phase of the Copernicus Marine Service and the evolving European and International contexts. Ambitious plans have been defined with our main stakeholders. They provide an effective EU response to ocean monitoring and prediction challenges for the next decade that will directly contribute to the UN Decade of Ocean Science.



## Six months availability for all resources

We are happy to announce that all the presentations given during the meeting will **be kept available online for the next 6 months**,

- under PDF format at the following [link](#).
- Under video format (REPLAY mode) at the following [link](#)

Moreover, for the next 6 months, all booth resources will be available, including a capacity to contact the booth owner for further interaction at the following [link](#).

## Satisfaction survey

Here are the results of the satisfaction survey that was sent to all participants after the event:

- Plenary sessions: score is **4.5/5**
- Round tables: score is **4.2/5**
- Interactive sessions including booths: score is **4.3/5**
- Usefulness of the Day 1: 2015-2021 – Six years of achievements for the Copernicus Marine Service: score is **4.7/5**
- Usefulness of the Day 2: 2015-2021 –Continuous evolution of the offer/data and user achievements: score is **4.6/5**
- Usefulness of the Day 3: Responding to ocean challenges in the next Copernicus phase 2021-2027: score is **4.5/5**

# ANNEX : Agenda

Day 1	Tuesday January 26, 2021	
9:00-11:00	<b>2015-2021: Six years of achievements for the Copernicus Marine Service</b>	Chair: P.Y. Le Traon (MOi)
09:00	Welcome, meeting objectives	P.Y. Le Traon (MOi)
09:05	House keeping rules : how to use the online conference tool	V. Legros (MOi)
09:15	Welcome and status from European Commission	H. Zunker (DG DEFIS)
09:30	CMEMS from 2015 to 2021: overview	P. Bahurel (MOi)
09:45	Improving Impact, Policy support and User Engagement	L. Crosnier (MOi) and F. Fernandez (CUAG - User Advisory Committee)
10:00	Improving the Offer	A. Melet (MOi) and N. Smith (STAC - Scientific Advisory Committee)
10:15	Improving Product Quality and Product Quality Monitoring	M. Sotillo (Puertos), M. Drevillon (MOi), I. Garcia-Hermosa (MOi)
10:30-10:45	<b>Q&amp;A</b>	
10:45-11:15	<i>Coffee break</i>	
11:15-12:30	<b>The Copernicus Marine Network: how we work together</b>	Chair : P.Y. Le Traon (MOi)
	<b>Round Table: Satellite and In Situ upstream infrastructure and Q&amp;A</b>	P. Potin (ESA), E. Obligis (Eumetsat), H. Andersen (EEA), G. Petihakis (HCMR), A. Reppucci (MOi)
	<b>Round Table: Interfaces with other Copernicus services and EMODnet and Q&amp;A</b>	C. Buontempo (C3S), K. Larkin (EMODnet), H. Dufourmont (CLMS), P. Salamon (CEMS), P. Lourenco (CMS), P.Y. Le Traon (MOi)
	<b>Round Table: Interfaces with H2020 R&amp;D programmes and Q&amp;A</b>	C. Ananasso (DG DEFIS), J. Le Sommer (IMMERSE), A.Sánchez-Arcilla (CEASELESS), S. Ciavatta (SEAMLESS), T. Tanhua (EuroSea), C. Armadori (ECFAS), A. Melet (MOi)
12:30-13:30	<i>Lunch Break</i>	
13:30-17:30	<b>2015-2021: Continuous evolution of the offer / production center achievements</b>	Chair: Y. Drillet (MOi)
13:30	<b>Blue Ocean (observations and models)</b>	MFCs and TACs contractors
10'	In-situ Thematic Assembly Center	S. Pouliquen (Ifremer)
15'	Satellite (sea level, SST) and multiobs (physics) Thematic Assembly Centers	Y. Faugère (CLS)
15'	Monitoring and Forecasting Centers (ocean circulation)	E. Clementi (CMCC)
10'	Wind & Waves Thematic Assembly Centers & Monitoring and Forecasting Centers (waves)	L. Aouf (Meteo France)
10'	Q&A	
14:30	<b>Green Ocean (observations and models)</b>	MFCs and TACs contractors
15'	Satellite (ocean color), multiobs and in-situ (biogeochemistry) Thematic Assembly Centers	V. Brando (CNR)
15'	Monitoring and Forecasting Centers (Biogeochemistry)	M.L. Gregoire (U Liege)
10'	Q&A	
15:10	<b>White Ocean (observations and models)</b>	MFCs and TACs contractors
10'	Satellite Thematic Assembly Center (Sea ice)	C. de Wettre (Met no)
10'	Monitoring and Forecasting Centers	L. Bertino (NERSC)
10'	Q&A	
15:40	<b>Impact of the Sentinels on CMEMS offer</b>	A. Reppucci (MOi)
15:55	Q&A	
16:00-17h30	<i>Coffee break &amp; INTERACTIVE SESSION with producers</i>	Chairs: M. Drevillon (MOi), A. Reppucci (MOi)
17:30 - 18:30	<b>CMEMS Ocean State Reporting activities and international landscape</b>	Chair: K. von Schuckmann (MOi)
17:30	CMEMS Ocean State reports and Ocean Monitoring Indicators	K. von Schuckmann (MOi)
17:40	Links with European policies	S. Isoard (EEA)
17:50	Links to international ocean reporting, the UN decade & SDGs	A. Fischer (IOC)
18:00	<b>Round Table: EU reporting on ocean, climate state and SDGs in the international landscape</b>	K. von Schuckmann (MOi), S. Isoard (EEA), S. Burgess (ECMWF/C3S), A. Fischer (IOC), J.P. Gattuso (STAC)
18:30	<b>end of Day 1</b>	

<b>Day 2</b>		
<b>Wednesday January 27, 2021</b>		
9:00-10:45	<b>2015-2021: Continuous evolution of the offer / data and user service achievements</b>	Chair: M. Fabardines (MOi)
09:00	The Central Information System and its Diffusion Unit	G. Gasciarino (MOi), V. Forneris (CNR)
09:15	<b>Live Demonstration : Exploring the Marine Data Store</b>	<b>D. Bazin (MOi)</b>
09:30	The User Support and the Service Management	C. Giordan, A. Delamarche (MOi)
09:45	<b>Live Demonstration : product visualization</b>	<b>G. Grau Panea (Lobelia)</b>
09:55	Training activities	F. Messal (MOi)
10:05	Digital communication and outreach	G. Quade (MOi)
10:15-10:45	<b>Q&amp;A</b>	
10:45-12:15	<i>Coffee break &amp; INTERACTIVE SESSION Innovation / Service Evolution and H2020 projects</i>	Chair: A. Melet (MOi)
14:00-16:00	<b>2015-2021: Six years of User Uptake and Engagement</b>	Chair: L. Crosnier (MOi)
14:00	CMEMS User engagement and uptake evolution	L. Crosnier (MOi)
14:15	UMITRON (Aquaculture)	K. Fujiwara (Umitron)
14:25	TMEDNET (Marine Heat Waves)	N. Bensoussan (TMedNet)
14:35	NAUTICAI (Shipping)	H. Ramm-Schmidt (NauticAI)
14:45	FML-TRACK / SUEZ (Marine Litter)	M. Delpy (SUEZ)
14:55	IBISAR / SOCIB (Security & Safety)	E. Reyes (SOCIB)
15:05	WAX-COAST / ARTELIA (Insurance)	R. Laborbe (Artelia)
15:15	Q&A	
15:30	<b>Round table: Evolving CMEMS offer to match user needs</b>	<b>M.Tonani (UK Met Office), A. Conchon (CLS), G. Grau Panea (Lobelia), M. Delpy (SUEZ), S. Perez (Marine Laboratory, Azores), P. Derycke (Knowcean), Y. Drillet (MOi), L.Crosnier (MOi)</b>
16:00-17:30	<i>Coffee break &amp; INTERACTIVE SESSION Innovation / User Uptake projects</i>	Chair: E. Durand (MOi)
17:30	Copernicus Marine in support to biodiversity: Tracking sea turtles	P. Gaspar (MOi)
17:35	<b>Round table: CMEMS in support of EU policies - EC perspective</b>	<b>F. Jacq (DG DEFIS), G. Maenhout (JRC), J. Kucera (JRC), S. Isoard (EEA)</b>
18:00	end of Day 2	
<b>Day 3</b>		
<b>Thursday January 28, 2021</b>		
9:00-10:50	<b>Responding to Ocean challenges in Copernicus 2021-2027 / a promising plan</b>	Chair: P.Y. Le Traon (MOi)
09:00	Copernicus2 Marine Service drivers and plans	P.Y. Le Traon (MOi)
09:15	A new digital offer: empowering CMEMS with WEKEO and a future DTO	R. Dussurget (MOi), G. Mori (Eumetsat)
09:30	A new coastal offer built with Member States	A. Melet (MOi)
09:40	Answering the future challenges of the Arctic ocean monitoring	G. Garric (MOi), G. Duchaussois (DG DEFIS Polar Expert Group)
09:50	<b>Round Table: Evolving interfaces with the other Copernicus Services and EMODnet</b>	<b>H. Dufourmont (CLMS), J.N. Thepaut (C3S, CAMS, CO2), P. Salamon (CEMS), P. Lourenco (CMS), I. Shepherd (EMODnet), P. Y. Le Traon (MOi)</b>
10:10	Insights from the Scientific, Technical and User Committees (STAC and CUAG)	N. Smith (STAC) and F. Fernandez (CUAG)
10:20	<b>Q&amp;A</b>	
10:50-11:20	<i>Coffee break</i>	
11:20-12:55	<b>Responding to Ocean challenges in Copernicus 2021-2027 / a supportive framework</b>	Chair: P. Bahurel (MOi)
11:20	The Copernicus programme in the next MFF	M. Facchini (DG DEFIS)
11:35	ESA contribution to Copernicus 2 and its marine challenges	N. Hanowski (ESA)
11:45	Eumetsat contribution to Copernicus 2 and its marine challenges	P. Evans (Eumetsat)
11:55	Toward a European Ocean Observing System - role of Copernicus in-situ component	I. Lips (EuroGOOS), H. Andersen (EEA)
12:10	Horizon Europe and the Mission Ocean, Seas and Waters - how can CMEMS support their objectives ?	J. Suominen (DG RTD)
12:25	CMEMS and the International Context: The UN Decade of Ocean Science	V. Ryabinin (IOC)
12:40	Conclusion of the General Assembly, Key Take-Aways and next steps	P. Bahurel (MOi)
	Closure Keynotes Address by a Member of the European Parliament	MEP M. Pizarro (Portugal)
12:55	<b>Meeting Closure</b>	



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