

# MonGOOS Data Working Group activities

*Working Group coordinated by*

Leonidas Perivoliotis (HCMR)

Marta de Alfonso (PdE)

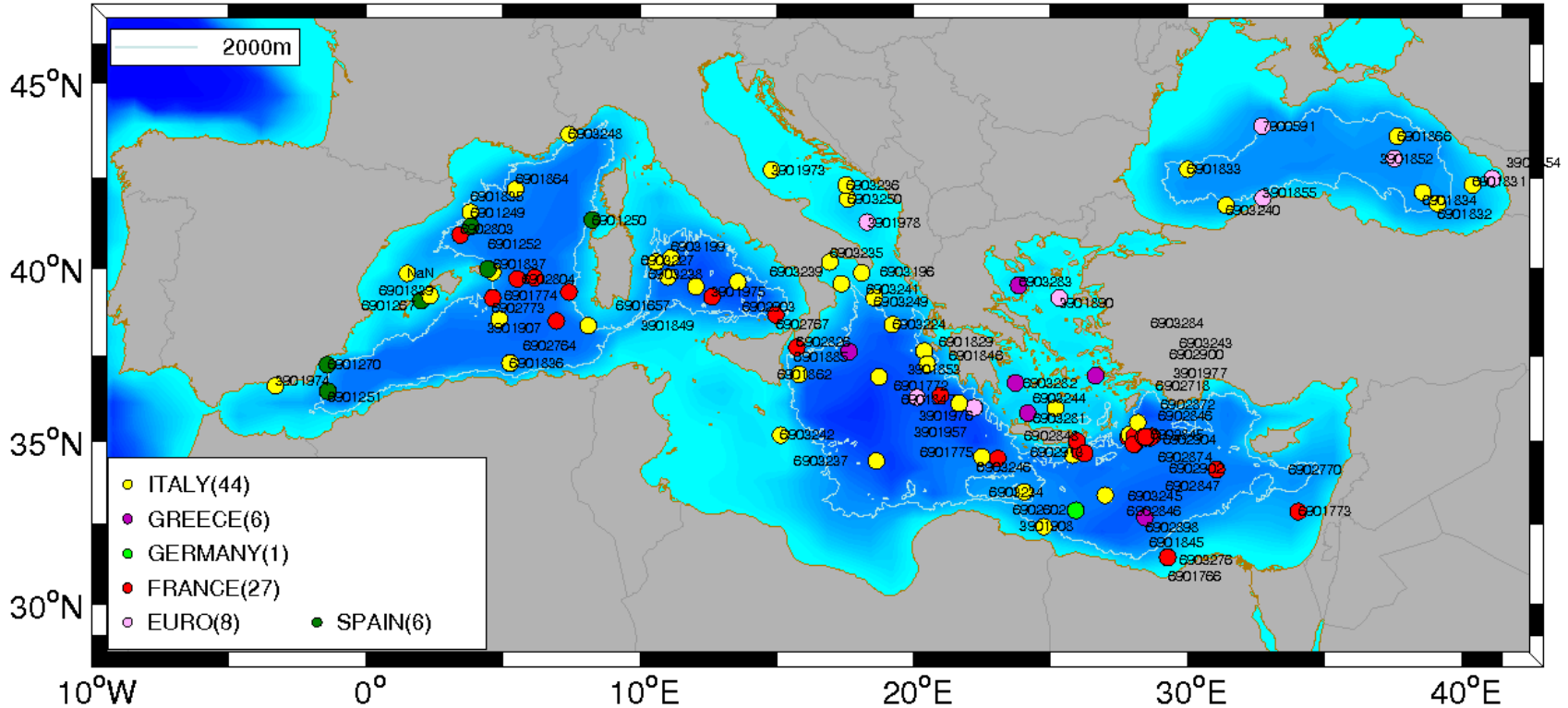
Lea Santoleri (CNR)

# **Mediterranean Observing Capacity**

# MedArgo: Mediterranean Argo Regional Centre

## 92 active floats as of 26 November 2018 in Med and Black Sea

MEDARGO FLOAT POSITIONS — LAST UPDATE 26-Nov-2018 -- TOTAL FLOATS: 92



MedArgo

<http://nettuno.ogs.trieste.it/sire/medargo/active/index.php>

## Deployment per country

### 2018 deployments

- 18 France (9 Provor III [bio], 2 Provor, 7 Arvor)
- 23 Italy (16 Arvor, 6 Provor IV [4 bio + 2 nut], 1 Arvor deep)
- 4 Greece (4 Nova)
- 3 Spain (3 Arvor L)
- 1 Euro-Argo ERIC (1 Arvor)

**49 new floats (4 countries and EU)**

### Deployments/Collaborations plans for 2019

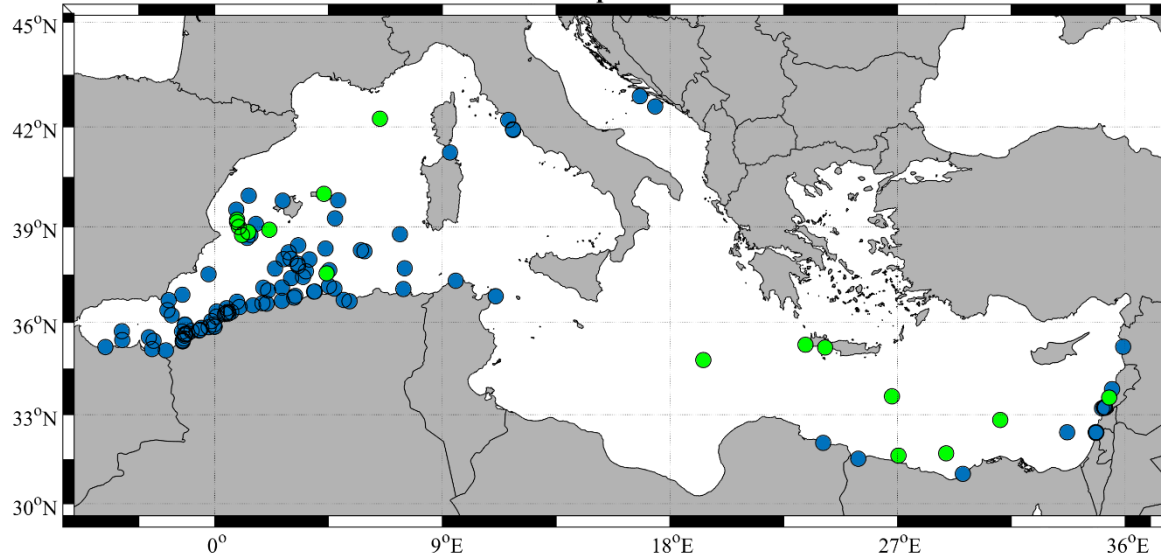
- **ITALY:** 2 Arvor-deep, 2 Provor (bio), 16 Arvor-I
- **FRANCE:** 4 Provor , 2 Provor III ( bio), ...
- **GREECE:** 3-4?
- **SPAIN:** 2?
- **USA:** ?

**TOTAL → >30 floats should be deployed  
in 2019**

## 2018 deployments

148 Deployments in 2018 (blue + green)  
 17 drifters alive as of 26 November 2018 (green)  
 (including 2 stranded)

Drifter last position in 2018



- 17 CODE (Italy)
- 5 CODE (Spain)
- 24 CODE (USA)
- 3 DWS (Italy)
- 2 DWS (USA)
- 22 SVP (Italy)
- 22 SVP (USA)
- 13 SVP (Spain)
- 5 SVP (Euro)
- 35 CARTHE (USA)

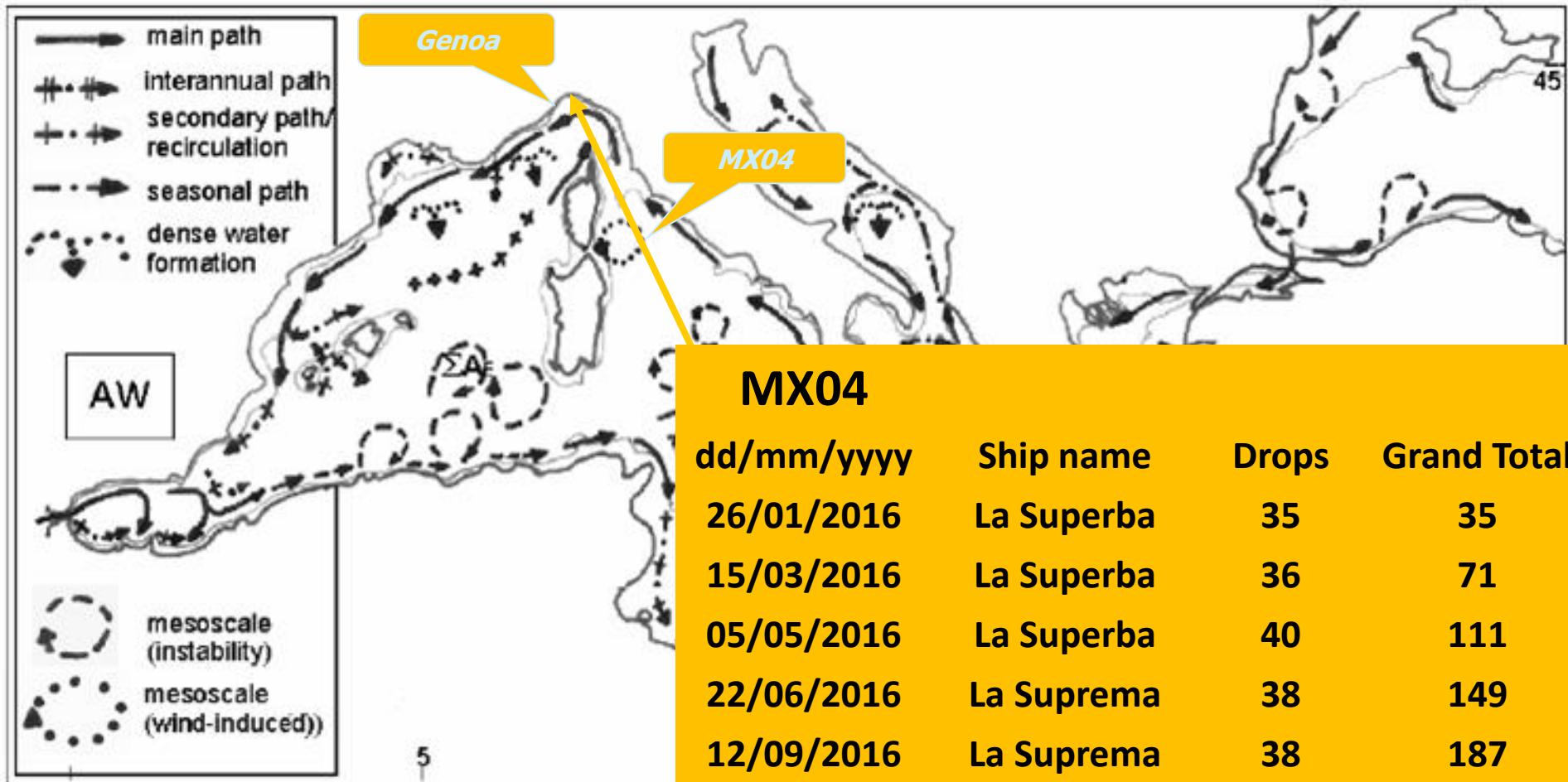
## Deployments plans for 2018-19

**Italy:** 16 CODE, 21 SVP, 1 DWS, 40 CARTHE

**USA:** 65/90 CODE, 100 CARTHE

# Ships Of Opportunity in the Mediterranean : XBT activity during 2016

managed by ENEA



<b>MX04</b>			
dd/mm/yyyy	Ship name	Drops	Grand Total
26/01/2016	La Superba	35	35
15/03/2016	La Superba	36	71
05/05/2016	La Superba	40	111
22/06/2016	La Suprema	38	149
12/09/2016	La Suprema	38	187
24/10/2016	La Suprema	38	225
13/12/2016	to be done		

**Total number of XBT casts until 24.10.16: 225**

# *E-Surfmar (at 2016.10.31) managed by ENEA*

Venice

Koper

In yellow ports common to the lines

AWS call sign	Ship name	Ship call sign	Ship IMO	Ship owner	Comments
BAREU51	La Superba	ICGK	9214276	Grandi Navi Veloci (I)	
BAREU62	Daniel A	TCLA	9238064	Arkas Shipping (Tr)	
BAREU66	Excellent	IBBE	9143441	Grandi Navi Veloci (I)	
BAREU67	Hilde A	TCXV7	9305908	Arkas Shipping (Tr)	
BAREU70	Marguerite A	TCPV5	9305893	Arkas Shipping (Tr)	
BAREU72	Vento di Levante	TCZK9	9020352	Arkas Shipping (Tr)	Old name Natalia A
BAREU74	Ayse A	TCM9	8415639	Arkas Shipping (Tr)	Removed 2016-10-19
BAREU75	Cornelius A	TCCE9	8912455	Arkas Shipping (Tr)	Old name Horace A

*Hilde A & Marguerite A*

*Excellent*

*P.Said*

*Daniel A & Vento di Levante*

*La Superba*

*Cornelius A*



**Total number : 32**  
**Slocum deep 12**  
**Slocum shallow 7**  
**Seaglider 6**  
**SeaExplorer 5**  
**Spray 2**  
**Routine monitoring missions established in West and East Med**

Institute	CSIC/SOCIB	CNRS	OGS	OC-UCY	HCMR	IOLR
Country	Spain	France	Italy	Cyprus	Greece	Israel
Number of Gliders	7	15	3	2	2	3
Type of Gliders	Slocum shallow(1), Slocum deep(4), Seaglider (2)	Slocum deep (8), Slocum shallow (4) Spray (2) Seaglider (1)	Seaglider (1), Slocum shallow (2)	Seaglider (2)	SeaExplorer	SeaExplorer
Payload	CTD, DO, Fluor CHLa, Turbidity	CTD, DO, Fluor CHLa, CDOM, Phycoerythrine, SUNA, Backscatter	CTD, DO, Fluor CHLa, Backscatter	CTD, DO, Fluor CHLa, Backscatter	CTD, DO	CTD,DO, Turbidity, Chl a & Backscatter, Hydrocarbon



# High resolution recording of surface currents – HF Radar systems

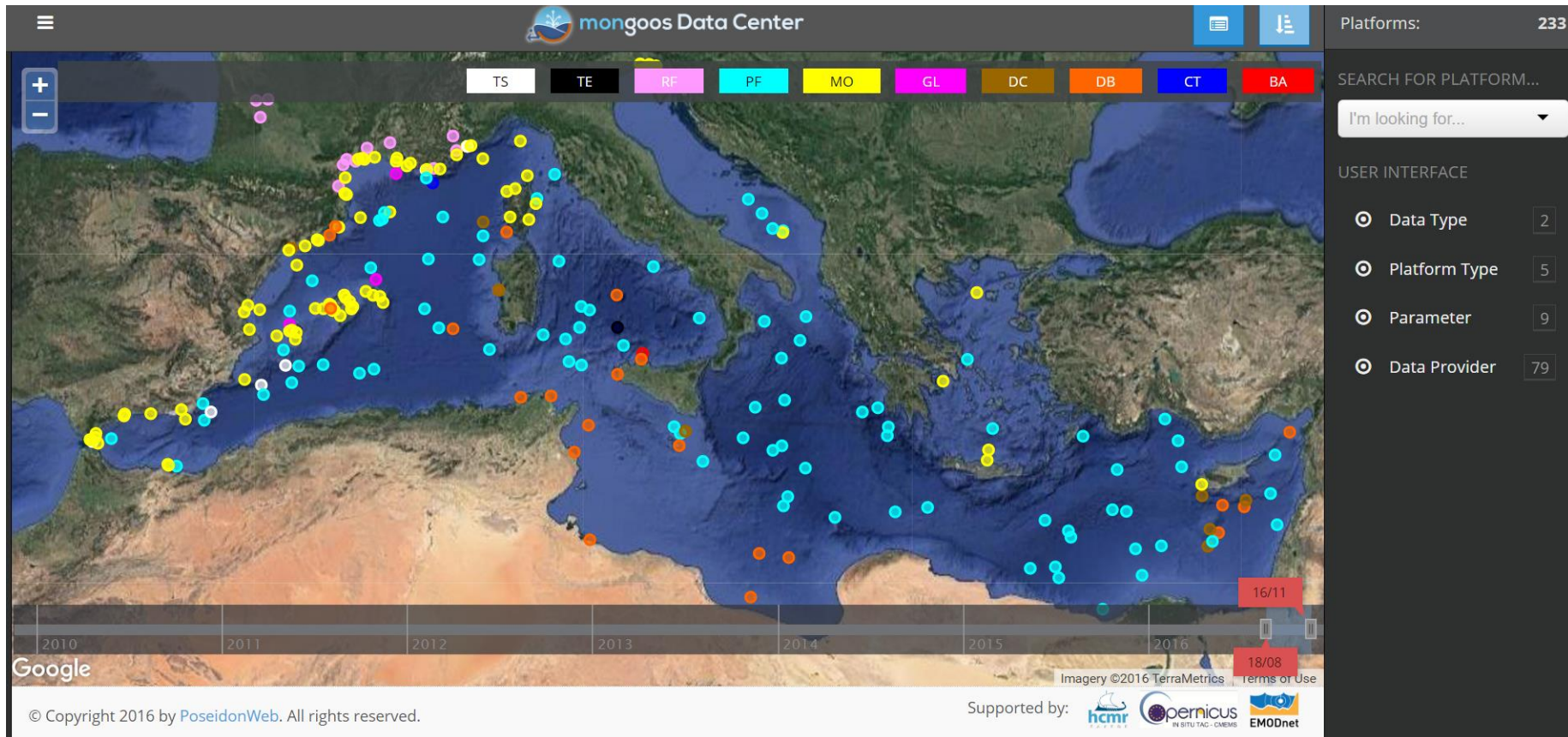


27 active systems declared in the survey of the EuroGOOS HF Radar Group. Known existing installations (eg. Nice) are still missing

# MonGOOS Data Center

<http://www.mongoos.eu/data-center>

<http://oceanobs.mongoos.eu>



233 active platforms on 16/11/2016

DC contains real time and historical data

Directly connected to Copernicus and EMODNET