



10 years of EMODnet

Webinar - EMODnet

A decade of achievements
connecting marine data to knowledge

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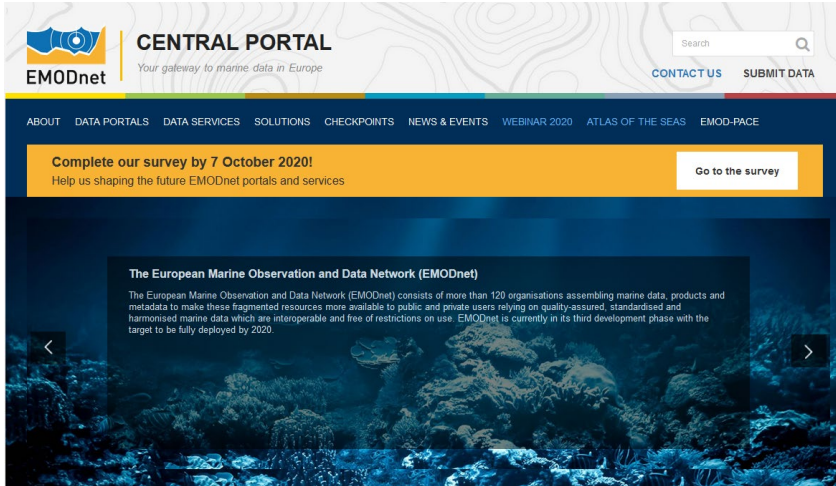
EMODnet Human Activities
Cogea
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2009: a star is born



CHAOS

And then there was light

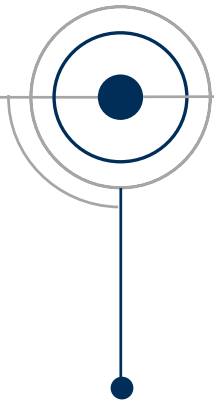


OGGC[®]
Making location count.



Timeline

2009



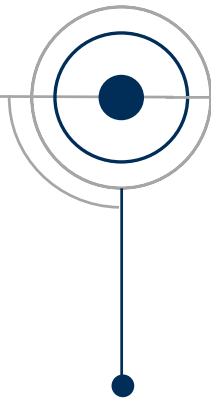
EMODnet is born

Bathymetry releases first DTM @ 500m resolution



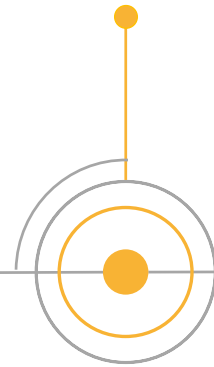
2010

2011



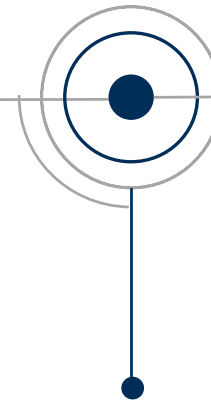
1st marine geological map of the Northern European Seas available. Seabed substrates in scale 1:1.000.000

1st release of EUSeaMap broad-scale seabed habitat map;
Chemistry releases integrated climatological maps of selected parameters and time series plots for single stations



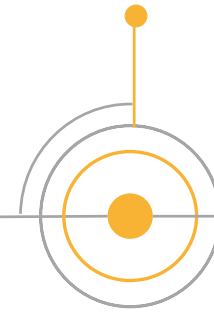
2012

2013



The family gets bigger: say hello to Secretariat, Central Portal and EMODnet HA; Mediterranean and North Sea Checkpoints

Bathymetry DTM is now 230 mt resolution; Seabed habitats launch the one-stop shop for data sets standardised according to EUNIS habitats classification.
It's time for the 1st Open Conference and the Jamboree



2015

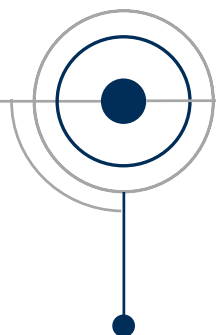


Timeline

HA delivers data on 14 themes, Chemistry launches beach and seafloor litter DB; Data Ingestion, Associated Partners Network, Checkpoints stakeholder conference, OpenSeaLab

SBH release composite data products for seagrass, macrophytes and cold water corals; Geology release submerged landscapes and geomorphology; Chemistry has more than 1m data sets on eutrophication; Biology is registered with FAIR sharing, and has 25.9 million records online. HA release vessel density maps. So why not another OpenSeaLab?

2016



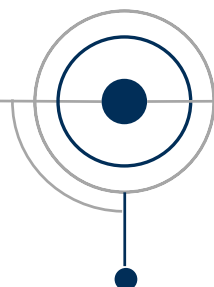
Chemistry delivers validated, regionally harmonised and aggregated collections of nutrients, chlorophyll, oxygen and contaminants. Physics strengthens partnerships with CMEMS and SDN

2017

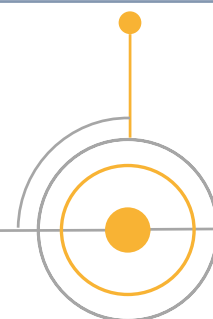


Bathymetry's resolution is now 115 m and there's also an embedded 3d viewer. Chemistry uses ODV to harmonise units & create transposed matrix with P01 subcomponent data to the EEA. Physics has a key role in international data management groups (EuroGOOS, SOOS, Ocean Glider etc.). Data ingestion has a network of 50 data centres

2018

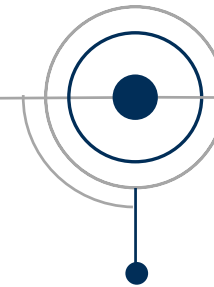


2019

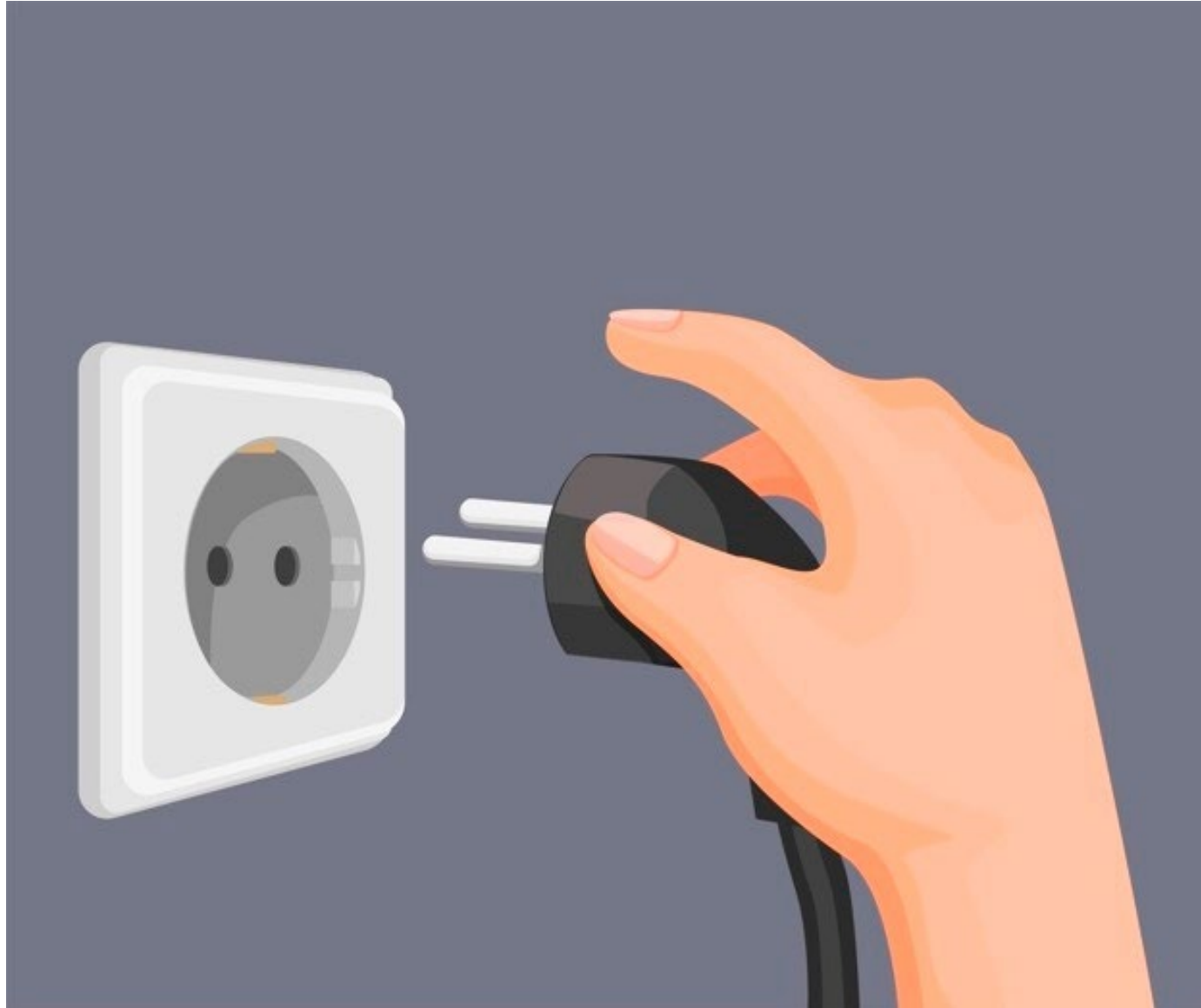


Multiresolution map of European seabed; Geology formalise standards and protocols to be used worldwide; Physics report more than 75k downloads and 4.7m transactions in just one year. HA can boast 44 data sets and 30% users from industry. In the meantime, Data Ingestion has received more than 700 data submissions

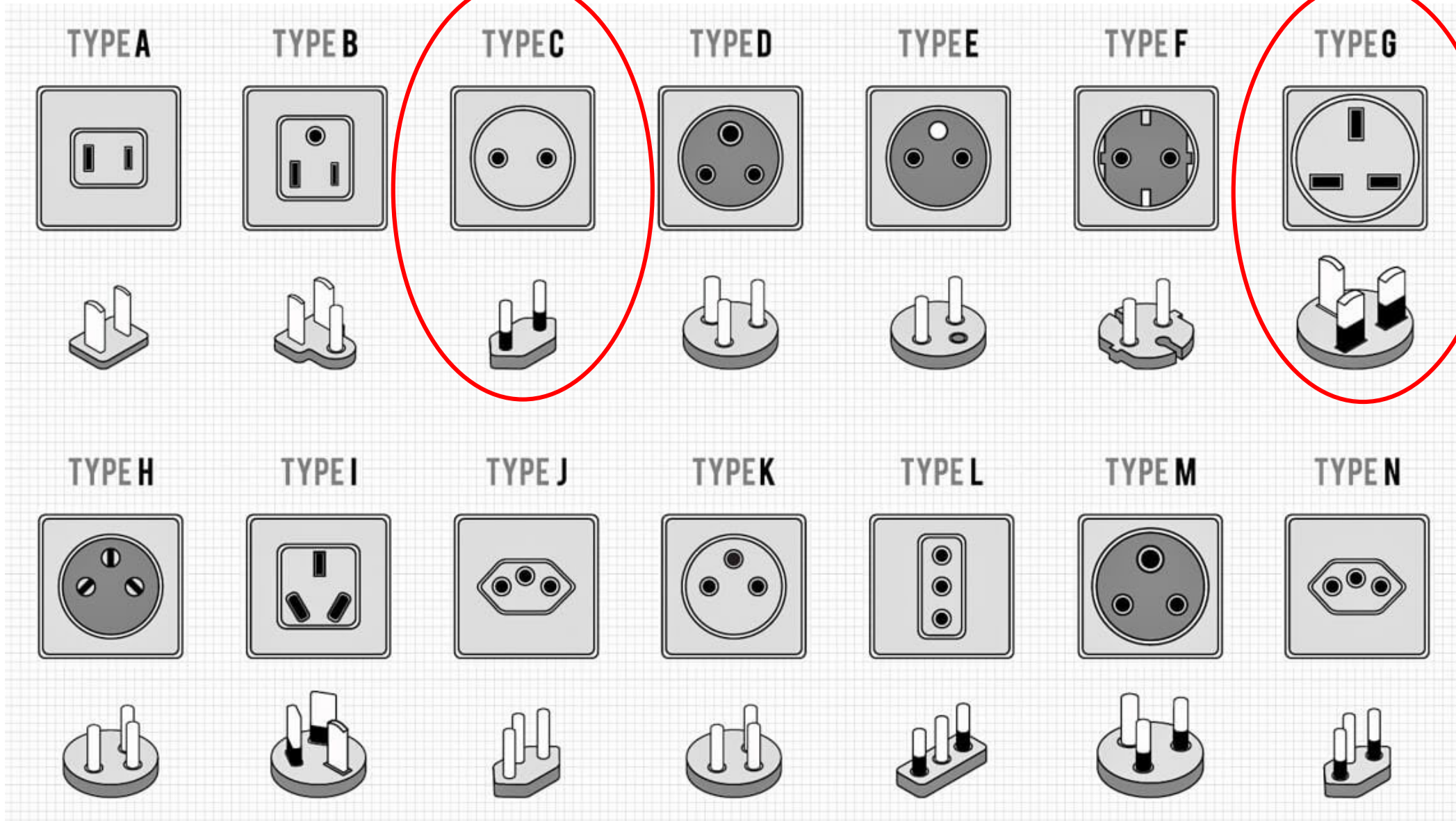
2020



The plug



The plug



The universal adapter



The road ahead





www.emodnet.eu

Your gateway to marine data in Europe

