



NOOS annual meeting 2021  
3 & 9 Dec 2021, virtual

# House keeping

- All : Do you agree sessions are recorded?
  - Video won't be publicly published on internet
  - a temporary link will be shared with members that could not attend the meeting and would like to view our discussions.
- Speakers: Could you please send me a copy of your ppt ?
  - They will be uploaded on annual meeting webpage

# Agenda Session #1 (today)

## **NOOS and NOOS ambassadors update**

- 9h30 : Welcome and NOOS chair report
- 9h50 : Update MME
- 10h05 : progress BMA on waterlevel, waves and swell
- 10h20 : Report about the NOOS Offshore Windfarm initiative
- 10h35 : Ferry Box task teams : Recent activities with NOOS
- 10h50 : Short update from the other NOOS working groups and ambassadors

## **NOOS members update**

- 11h05 : UK updates
- 11h15 : Current and future plans for operational observations at NL wind farms
- 11h30 : News from MARNET
- 11h45 : Discussions
- 12h00 : Closure of the session

# Agenda Session #2 (Thursday 9th Dec)

## **EuroGOOS office update**

- 9h35 : Update from EuroGOOS

## **NOOS members update**

- 9h50 : New webservices and data services at Rijkswaterstaat
- 10h05 : Latest progress in Ocean Forecasting at the Met Office
- 10h20 : Recent advances in marine pollution modelling : results from the IMAROS and MANIFESTS projects
- 10h35 : Discussion – Developments in the atmospheric weather prediction models

## **NOOS business meeting**

- Work plan for 2022
- New logo
- Ad-hoc drafting committee to update MoU
- Election one SG member (no nomination received yet)
- Next annual meeting

## **Missing : Update from pan EU initiatives**

(CMEMS, Copernicus Coastal Service, JERICO, EMODNET, EOOS, CoastPredict, Green Deal...)



# NOOS Visual Identity



# NOOS

EuroGOOS North West European Shelf  
Operational Oceanographic System



# NOOS

North West European Shelf Operational Oceanographic System

# NOOS

North West European Shelf Operational Oceanographic System

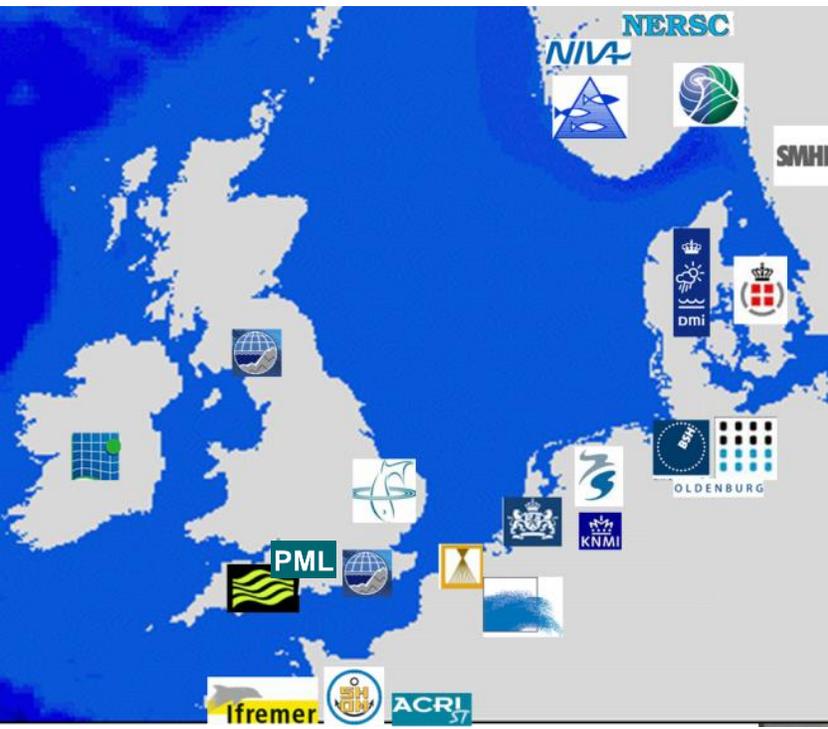
*EuroGOOS*

# NOOS Chair report

# NOOS: a ROOS, a network of Institutes & a network of people !

NOOS is a network of 23 governmental agencies and research institutions

- From the 9 countries bordering the NWS
- Active in operational oceanography
- **Willing to operate real-time operational data, products and services**
- For the whole NWS and its Atlantic margin

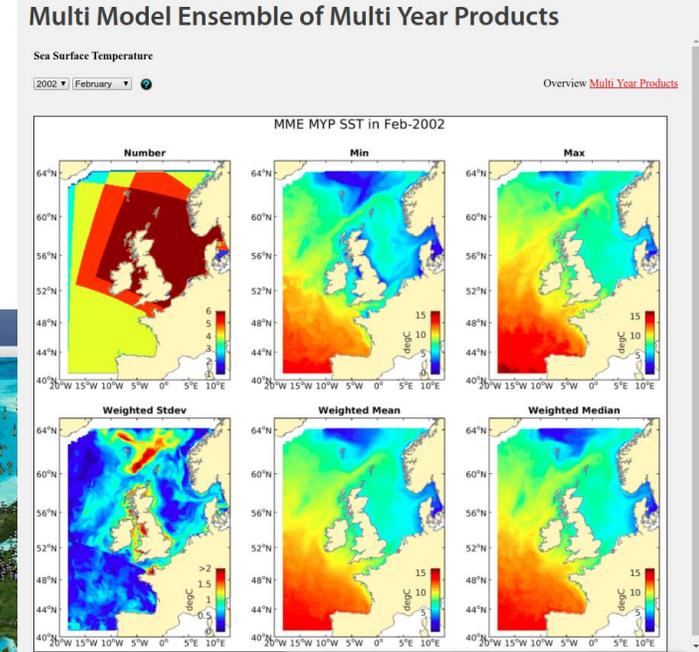
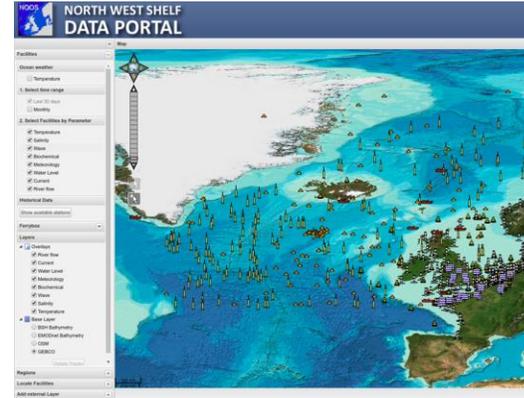


# 20+ years of active, in-kind, collaborations

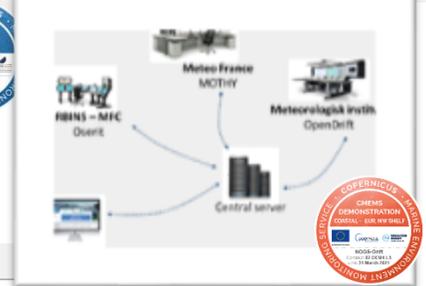
## Sharing inspiring ideas & innovation

### Co-producing community services

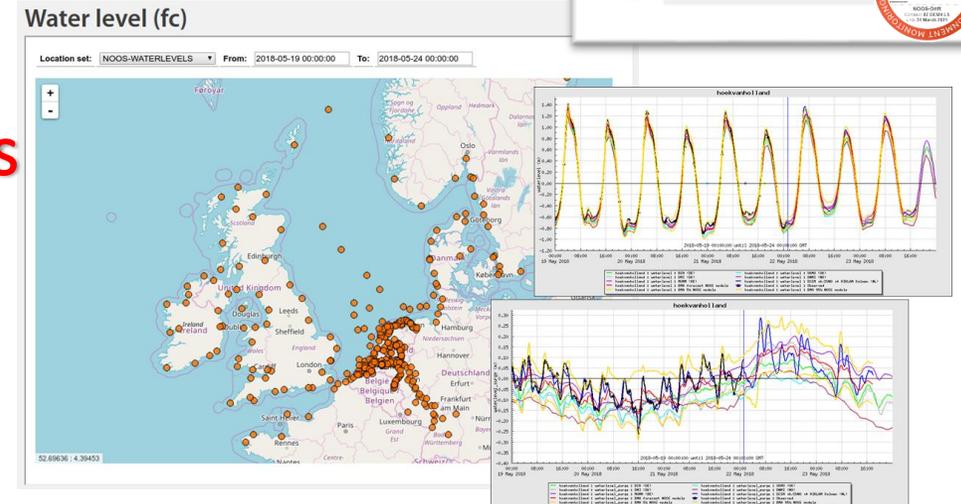
- Data portal,
- Storm surge & waves BMA forecast
- Multi-models ensemble forecast & reanalysis
- NOOS-Drift, a multi-models ensemble system to assess and improve drift forecast accuracy



Back office work to



## Contributing to pan European structuring initiatives [CMEMS, Copernicus Coastal Service, JERICO, EMODNET, EOOS, CoastPredict, Green Deal...]



# Highlights 2020-2021

## Release of a new NOOS data portal, based on CMEMS INS-TAC dashboard:

<https://noosportal.bsh.de/>

**NOOS Data Portal**

The Northwest Shelf Data Portal was established to make marine observational data in the northwest shelf region available and provides a primary access point for search, access, visualisation and download of real-time and historical data.

The portal is hosted at BSH and was partly funded by the MyOcean-project [FP7/2007-2013 under grant agreement n°218812].

The observations are provided by a large number of NOOS partners.

**6201584** Lat: 51.954 Lon:2.11 Active (Recent Data)

**MO** Fixed buoys or mooring time series **TS** Time serie **NO** North West Shelf

Parameters: DEPH | OSAT | PSAL | **TEMP** | TUR6

Data from: 2016/05/13 to 2021/05/24  
Available depths: unknown  
Data: [Download](#) [View](#)

Click on one parameter to display charts from **6201584**

Parameters: DEPH | OSAT | PSAL | **TEMP** | TUR6

**sea temperature in TIME**  
from 2021/03/27 to 2021/05/26

degree\_Celsius

Depth 1

QC any PROD ID ND QC doc

Select other depths to see more timeseries

EMODnet-Physics

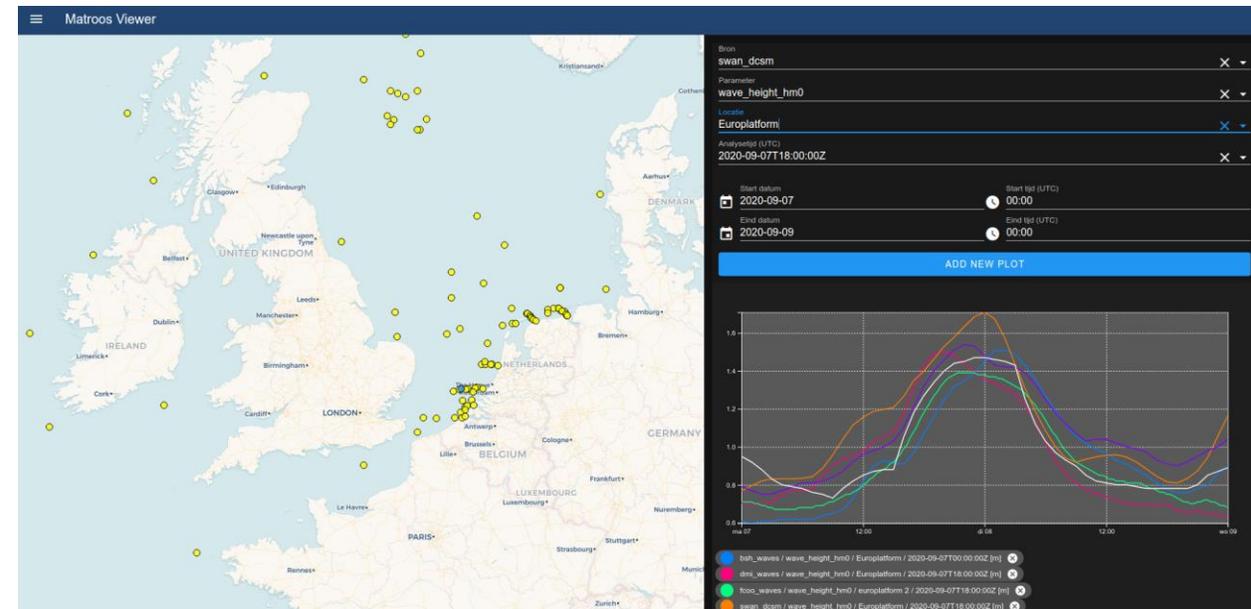
OK



## KoM of the "new" working group on waves and sea level observations and forecast

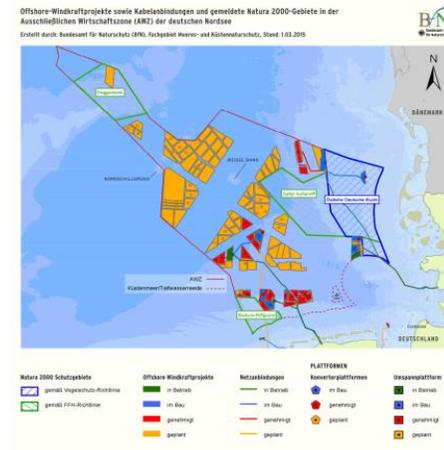
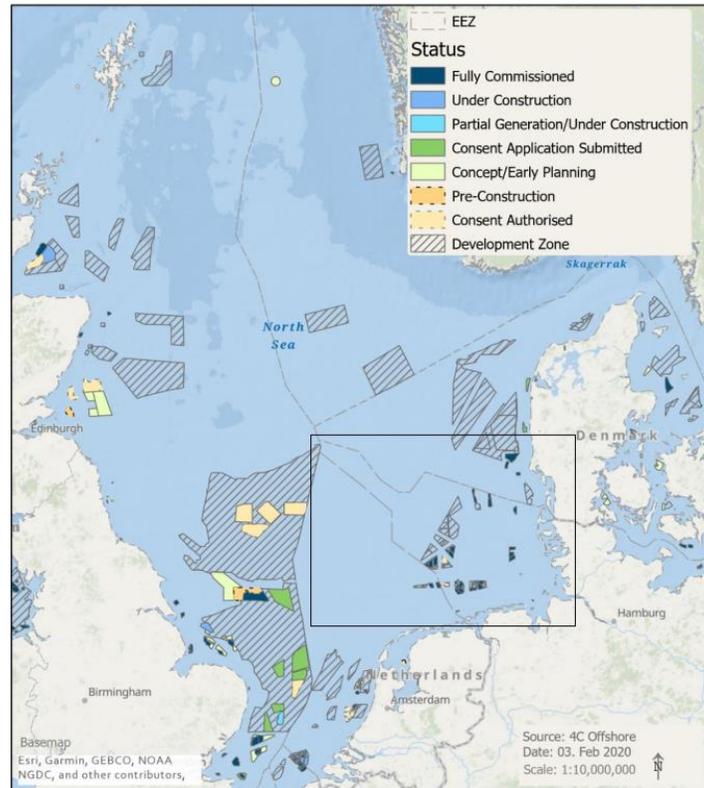
### 7 tasks:

- Data exchange
- Reference vertical level
- new BMA system
- Evaluation and quality control
- Vizualisation
- Extension of WG scope to wind (and marine meteorology?)
- Relation with EU data projects and similar EU initiatives



# KoM of the Offshore Renewable Energy Exchange Group

## Offshore Renewable energy (ORE) in the North Sea



Massive intervention into physical, biological, chemical components of the North Sea system **on larger scales**

# Highlights 2020-2021

## EU Projects



## Proposals



# SMECS

Seamless European Marine Climate Service  
for low-carbon & climate resilient future

## Activities as NOOS chair

More than 30 days!!!

### NOOS steering committee

11/06/2021 + 22/11/2021 + many emails  
Turning into a monthly meeting in 2022  
To elaborate strategy 2030

### NOOS WG meetings:

- Kick of Sealevel and waves meeting
- NOOS Offshore Renewable Energy meeting
- QC meeting for sealevel & waves obs and forecast

11/06/21 + 13/07/21

### Revamping ROOSes Website + ROOSes visual identity

10/11/2020 + 9/02/2021 + many emails + NOOS consultation

### Representing NOOS :

- EMSA correspondence expert group on drift modelling
- JERICO weeks
- CMEMS General Assembly
- Blue Cloud Webinar
- GOOS webinars : ocean-ops dashboard / kick off UN decade initiative in ocean forecasting
- 2nd anniversary EuroSEA

26-28/01/2021 + 23/03/2021 + 14/4/21 + 19-25/4/21 +  
8/7/21 + 16/09/21 + 16-19/11/21 + 25/11/21

### EOOS operation committee

24-25/11/20 + 10/03/21 + 15/09/21

### EuroGOOS ROOSes chairs meeting

15 & 21 Dec 2020

### EuroGOOS conference meeting (prepa meeting + review + rapporteur)

11/01/2021 + 12/03/2021+3-5/5/21

### EuroGOOS integration meeting

1/09/21 + 29-30/11/21

### EuroGOOS General Assembly

27-28/5/2021 + 2/9/21

### EuroGOOS Working groups

- Science Advisory Working Group
- Coastal working group

5/10/21 + 8/11/21 + monthly meetings

# NOOS in a ever evolving landscape; From a bottom-up dynamic to a top-down dynamic?



# More sciences and more projects

- [Mission Europe](#) “Restore Ocean and Water”
  - Lighthouse call for North Sea and Baltic Sea “Low Carbon Blue Economy”, with a focus on aquaculture
- DTO model code integration
- Interreg project
  - Interreg North Sea Region (BE, DK, FR, D, NO, SW, NL)  
“Greener more sustainable future”
    - [Call 1 is on-going : 7 March 2022 \(Eol\) and 22 April 2022](#)  
> Priority 3 Sustainable North Sea
  - Interreg North West Europe Region ?
  - Interreg Europe
- CMEMS tenders (ocean state report, ocean indicators, etc.)

# Making NOOS more understandable and increasing its visibility

- Updating NOOS MoU and NOOS strategy
- Developing an integrated catalogue of our members products and services?
  - Based on ERDDAP?
- Developing a database of NOOS members projects and initiatives?

To tackle these challenge, the Steering Committee has decided to meet on a monthly basis from 2022 onwards