NOOS annual report 2021

**Member report - [PGU]**

[November 16, 2021]

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| **Country** | Belgium |
| **Institution** | Agency for Maritime and Coastal Services (AMDK) |
| **Observations**  **Status and new initiatives** | ***Status:*** *Active.*  ***Operational***: *Network running smoothly.*  ***New Initiatives:*** *New instruments have been deployed: e.g. LiDAR in Westhinder platform; H-ADCP measurements at the Nieuwpoort inlet (available in app “Stormvloedkering”) – this sensor measures at a constant depth below sea level.*  ***Under development:*** *New ADCP sensors (Nortek Signature1000) are about to be deployed in front of the Raversijde coast; the construction of a new coastal weather station will be initiated this winter.* |
| **Modelling**  **Status and new initiatives** | ***Status:*** *Active.**Our modelling activities are outsourced.*  ***operational:*** *Running.*  ***New initiatives***: *Our partner Flanders Hydraulics is* *updating its model instrumentarium.*  ***under development:*** |
| **Dissemination**  **Status and new initiatives** | ***Status:*** *Active*  ***Operational:*** *www.meetnetvlaamsebanken.be*  ***New Initiatives:***  ***Under development:*** *Our website which presents weather bulletins (*[*www.kustweerbericht.be*](http://www.kustweerbericht.be)*) will be completely renewed in the course of 2022.* |
| **Relevant national projects** | *SeaFD (with a.o. the Von Karman Institute);*  *Artificial dike (living labs) Raversijde (with Flanders Hydraulic and Ghent University)* |
| **Relevant International projects** | *Wind measurements for Schelderadarketen (*[*www.vts-scheldt.net*](http://www.vts-scheldt.net)*) will be incorporated in Meetnet Vlaamse Banken in 2022.* |
| **Additional information** |  |