

## BOOS Annual Meeting 2018

### Member report

Institution	Finnish Environment Institute SYKE
Country	Finland
Observations	<p>In 2017-2018 Operational ferrybox/alga@line observations has been carried out on board Finnmaid and Silja Serenade. The measurements were also carried out in Transpaper in cooperation with SMHI.</p> <p>Finnmaid has been operating well. It visited occasionally St Petersburg and SYKE received permissions to do also monitoring at Russian waters. After three further visits the ferry-company announced they do not anymore visit St Petersburg. Maintenance SYKE</p> <p>In Silja Serenade issues with data transfer from the ferry have been continuing. Otherwise the system has been well operational. New instruments for O<sub>2</sub>, pCO<sub>2</sub> and pH have been installed in collaboration with FMI. Maintenance SYKE.</p> <p>Transpaper ferry (nowadays called as Tavastland) had a period of route change in 2017 (Lübeck –Oulu/Kemi to Göteborg- Seebrucke). Due to this and limited resources ,SYKE withdraw this ship in late 2017. Maintenance SYKE and SMHI, in 2018 SMHI.</p> <p>Utö Atmospheric and Marine Research Station has been build up since 2014 and operational measurements have started in 2015-17. Since April 2017 large amount of carbonate system and biology – relevant measurements have been carried out, related to activities of JericoNEXT project.</p>
Modelling	TBD
Data, product and service	Data has been delivered through CMEMS, EmodNET and European FerryBox Database.
Projects including BOOS partners	SYKE coordinates national Finnish Marine Research Infrastructure (FINMARI) which combine all major components of the Finnish marine research community. <a href="http://www.finmari-infrastructure.fi">www.finmari-infrastructure.fi</a> [include SYKE, FMI]
Other relevant projects	Syke participates in Jerico-NEXT, Emodnet-Chemistry, Emodnet-Biology, SeaDataCloud , AQUACOSM, Copernicus CMEMS insitu TAC, Copernicus CMEMS OC TAC
Involvement in BOOS tasks	
Involvement in EuroGOOS WGs, TTs	Participation in Ferrybox TaskTeam
Suggestions to BOOS future activities	
Additional information	