

iFADO project Newsletter #3



iFADO partner co-led the DY103 campaign.

Staff of the National Oceanography Centre ([NOC](#)) was on-board of a scientific cruise to the Porcupine Abyssal plain sustained observatory (PAP-SO)

Between 21st of June and 9th of July, the campaign DY103 surveyed [PAP-SO](#), a recognised North East Atlantic site. This trip was part of the CLASS (Climate Linked Atlantic Sector Science) project



funding underpinning observations. According to Sue Hartman, “We recovered and deployed various autonomous systems and collected many samples. A full set of data [were] sent from the buoy, via a satellite link. (...) The sediment trap time series itself now spans thirty years and will be used to look at both short and long term variations in carbon fluxes from the surface to the ocean depths.” The co-sampling with satellite pass over is part of the work within the [iFADO](#) project.

For additional information about the campaign, access this [blog](#).

iFADO organized Technology Cluster Workshop at Ocean Business

The activity was held in Southampton on the 9th of April 2019

The 4th [iFADO](#) consortium meeting (8-9 April 2019) was organised along [Ocean Business](#) 2019, an international ocean technology exhibition and training forum, held at the National Oceanographic Centre ([NOC](#)), Southampton.



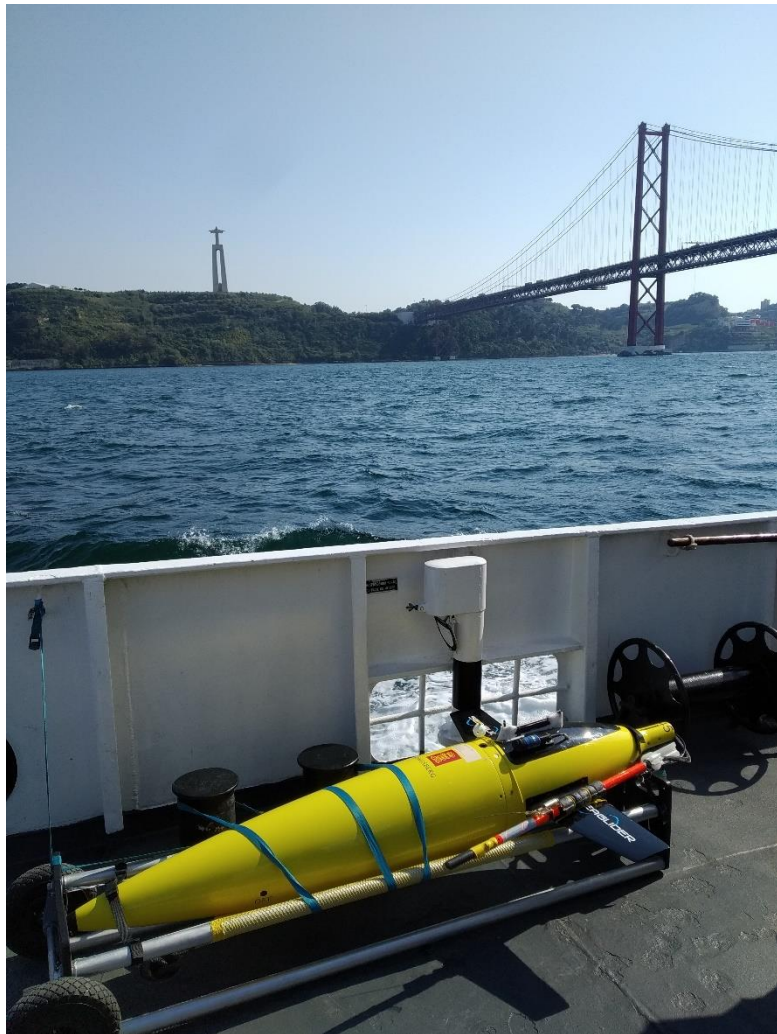
During Ocean Business 2019, the iFADO project hosted an ‘Innovation Meets Industry’ workshop. This activity outlined project objectives and showcased platforms that are available to the industry sector (*e.g.*, gliders, fixed-point observatories, satellite data). Then, the participating companies discussed with iFADO partners on how to stimulate business through a common view of priorities, gaps and needs in marine surveillance among European countries.

For additional information about the workshops, please access the [website](#).

iFADO second glider mission was carried out in Portuguese waters

This mission was followed in near real time

As part of WP5 (Novel Technologies for *in situ* monitoring), the partner Plataforma Oceánica de Canarias ([PLOCAN](#)) deployed an Autonomous Underwater Vehicle ([Seaglider](#)) in Lisbon. [This glider](#) travelled 1445 km during 70 days (2nd April to 12th June) and was recovered in Funchal, Madeira. The vehicle included a series of sensors that collected variables such as temperature, salinity, depth, dissolved oxygen, turbidity and chlorophyll.



The vehicle full track and scientific data collected can be accessed [here](#).

iFADO highlighted at the European Maritime Day 2019 in Lisbon

From 16 to 17 May, the iFADO project had a dedicated booth



During the [European Maritime Day 2019](#) (EMD2019), [iFADO](#) disseminated its main work and results at the exhibition entitled "Market for

Innovation and Entrepreneurship in the Blue Economy", which aimed to showcase the blue economy's innovation and investment potential. This exhibition included R&D centres, universities, incubators, spin-offs, start-ups, companies, associations and NGOs.

For additional information about EMD2019, visit the [official website](#).

Researchers of iFADO involved in two Citizen Science events

Profs. Vanda Brotas and Richard Lampitt talked about their research work in Lisbon and Southampton, respectively

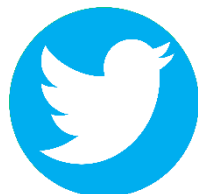


On the scope of WP2 (Project Communication), the [iFADO](#) is collaborating with [Pint of Science](#) Festival, aiming to increase public awareness to

ocean literacy and about the MSFD. For that purpose, last 20 May Prof. Vanda Brotas ([Faculty of Sciences, University of Lisbon](#)) made a presentation in Lisbon, explaining the role of phytoplankton on the carbon cycle, the importance of Earth observation by satellites and how they can help us to understand the effect of climate changes on the organisms. Just two days after, at Pint of Science Southampton, Prof. Richard Lampitt ([National Oceanography Centre](#)) talked about plastic pollution, in particular the unseen microplastics, and the potential for serious damage to the marine environment.

For additional information about Pint of Science Festival, please click [here](#).

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