

# Ensuring Good Environmental Status of EU marine waters through efficient monitoring programmes

July, 10<sup>th</sup> 2017 – 16:30-18:30  
European Parliament - Room ASP 3H1

Chaired by MEP Ricardo Serrão Santos

- Welcome address by MEP Ricardo Serrao Santos

## The SMS project: EU technologies to assess the quality of marine waters

- **Management and scientific development:** Konstantinos Petropoulos, *University Roma II – SMS Project Coordinator*
- **Bringing the project to the market:** Carmem-Lara Manes, *Microbia Environnement* and Luca Sanfilippo, *SYSTEA*

## Financing innovation for blue growth

- **EU Research funding for policy implementation tools** –Marco Weydert, *European Commission, DG RTD*
- **Monitoring of marine waters for the Marine Strategy Framework Directive** – David Connor, *Unit Marine Environment and Water Industry, European Commission, DG ENVI*
- **Copernicus Marine Service funding scheme for Good Environmental Status** - Cecilia Donati, *Mercator Ocean*, Institutional Relations Manager

## The end users perspective

- **Authority of marine affairs of the Açores, Portugal**, Filipe Mora Porteiro, Regional Director of Sea Affairs
- **EuroGOOS**, Vicente Fernández, Science Officer
- **Northbay Shellfish Ltd**, Dennis Gowland, Director
  
- **Debate with the floor**
  
- **Conclusions by the Chair**

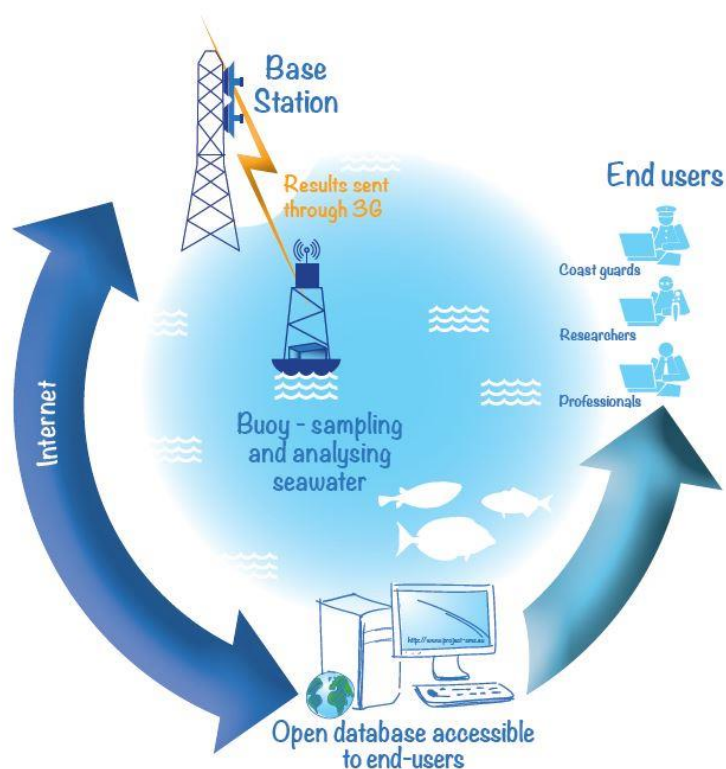


*This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 613844*

## Information about SMS

Increasing urbanization, industrialization, global change and global transport in combination with climate change have led to the appearance of a series of biotic and abiotic emerging pollutants that threaten the health of global ocean and marine species. The need for sustainable management of biodiversity and the marine environment are major priorities in the global environmental agenda to significantly minimize habitat degradation and preserve ocean health. Addressing this urgent need, the SMS project ([www.project-sms.eu](http://www.project-sms.eu)) funded by the European Commission Oceans of Tomorrow FP7 program has advanced the research front in real-time *in situ* ocean monitoring by developing innovative methodologies to detect/identify and measure emerging pollutants, such as toxic algal species and their associated toxins, pharmaceuticals and other hazardous compounds.

The SMS concept is based on a novel automated networked system that enables unattended measurement of (i) toxic algal species and their associated toxins, (ii) hazardous compounds, (iii) sulphonamides and a (iv) series of standard water quality parameters. The water monitoring system is equipped with a communication module for real-time wireless data transfer to a remote control centre, where data processing takes place, enabling alarm functionality of early warning system.



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