



COMMON SENSE

MARINE SENSORS - MARINE MONITORING

DEMONSTRATION OF NEXT GENERATION SENSORS FOR ADVANCED REAL-TIME OCEAN OBSERVATION

The Final Event of the **COMMON SENSE** Project

27 January 2017

Barcelona, Spain

REGISTRATION IS NOW OPEN

Please visit the **COMMON SENSE** website
for registration details, or [click here](#)

www.commonsenseproject.eu



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The **COMMON SENSE** project is creating prototypes of next generation in-situ marine sensors to deliver vital information about the ocean. The project, which was launched in November 2013, is funded by the EC Seventh Framework Programme (FP7) and has been designed to directly respond to the requirement for integrated and effective data acquisition systems by developing innovative sensors that will contribute to our understanding of how the marine environment functions. In doing so, **COMMON SENSE** results can support the implementation of European Union marine policies such as the Marine Strategy Framework Directive (MSFD) and the Common Fisheries Policy (CFP).

As the **COMMON SENSE** project comes to a successful conclusion, the results will be presented at this final workshop, along with a demonstration of the novel sensors developed and tested during the **COMMON SENSE** project.

The **COMMON SENSE** sensors need less human operation and intervention than current technologies and create standardised data on eutrophication, underwater noise, heavy metals, and marine litter, with a focus on microplastics. Other important parameters considered are temperature, pressure, pH and pCO₂. This information is essential for EU Member States to achieve and maintain a Good Environmental Status (GES) within MSFD, thus ensuring the long-term health of EU marine waters.

Professionals working in the marine environment and citizens curious about the status of our oceans are invited!

DETAILS:

Location: Fundació Navegació Oceànica Barcelona (FNOB),
Moll de Llevant 1, 08039 Barcelona, Spain.

Date: 27 January 2017

Time: 09.00 - 17.00

For registration details: please visit www.commonsenseproject.eu, or [click here](#)
Event is free of charge.



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AGENDA

8:30 - 9:00 REGISTRATION		
SESSION 1: AN INTRODUCTION TO MARINE SENSORS AND THE COMMON SENSE PROJECT		
9:00 - 9:05	Welcome	Sergio Martínez, <i>LEITAT Technological Center</i>
9:05 - 9:20	COMMON SENSE Introduction	Sergio Martínez, <i>LEITAT Technological Center</i>
9:20 - 9:50	EU Marine Monitoring: Importance, Challenges and Potential Impact	Sergio Martínez, <i>LEITAT Technological Center</i>
9:50 - 10:20	Sensor Roadmap: Future Trends on Marine Sensor Development	Dermot Diamond, <i>Dublin City University (DCU)</i>
10:20 - 10:40	Observation Trends: Expectations from the European Commission Regarding Data Exchange and Interoperability	Marcin Wichorowski, <i>The Institute of Oceanology of the Polish Academy of Sciences (IOPAN)</i>
10:40 - 11:00 COFFEE BREAK		

SESSION 2: IN-DEPTH PRESENTATION OF COMMON SENSE SENSORS, PROVIDED BY COMMON SENSE PARTNERS		
11:00 - 11:20	Temperature Sensor	Jordi Salat, <i>Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC)</i>
11:20 - 11:40	pH and pCO ₂ Sensor	Anita Grozdanov, <i>Ss. Cyril And Methodius University In Skopje (FTM-UCIM)</i>
11:40 - 12:00	pH Sensor	Gennaro Gentile, <i>Consiglio Nazionale delle Ricerche (CNR)</i>
12:00 - 12:20	Microplastics Sensor	Sergio Martínez, <i>LEITAT Technological Center</i>
12:20 - 12:40	Nutrients and Heavy Metals Sensor	Margaret McCaul, <i>Dublin City University (DCU)</i> Carla Navarro, <i>DropSens S.L.</i>
12:40 - 13:00	Underwater Noise Sensor	Mike Challiss, <i>Centre for Environment, Fisheries and Aquaculture Science (CEFAS)</i>
13:00 - 14:00 LUNCH		



AGENDA CONTD.

SESSION 3: CONNECTING, PROCESSING, STORING, MANAGING AND SHARING COMMON SENSE SENSOR DATA		
14:00 - 14:20	Smart Sensor Unit (SSU)	Stefan Marx, <i>SubCtech</i>
14:20 - 14:40	COMMON SENSE Web Platform	Declan Dunne, <i>University College Cork (UCC)</i>
14:40 - 15:00	Deployment Results	Alberto Ribotti, <i>Consiglio Nazionale delle Ricerche (CNR)</i>
15:00	COFFEE BREAK	

SESSION 4: DEMONSTRATION OF COMMON SENSE SENSORS, SMART SENSOR UNIT AND WEB PLATFORM		
15:00 - 16:45	Real-time onsite testing of each of the COMMON SENSE Sensors, and a showcase of their interoperability to the COMMON SENSE Web Platform through the COMMON SENSE Smart Sensor Unit (SSU). COMMON SENSE Sensor developers will be available for questions and answers.	
16:45 - 17:00	CLOSING	Sergio Martínez, <i>LEITAT Technological Center</i>

PARTNER LOGOS



For more information and registration, visit: www.commonsenseproject.eu

