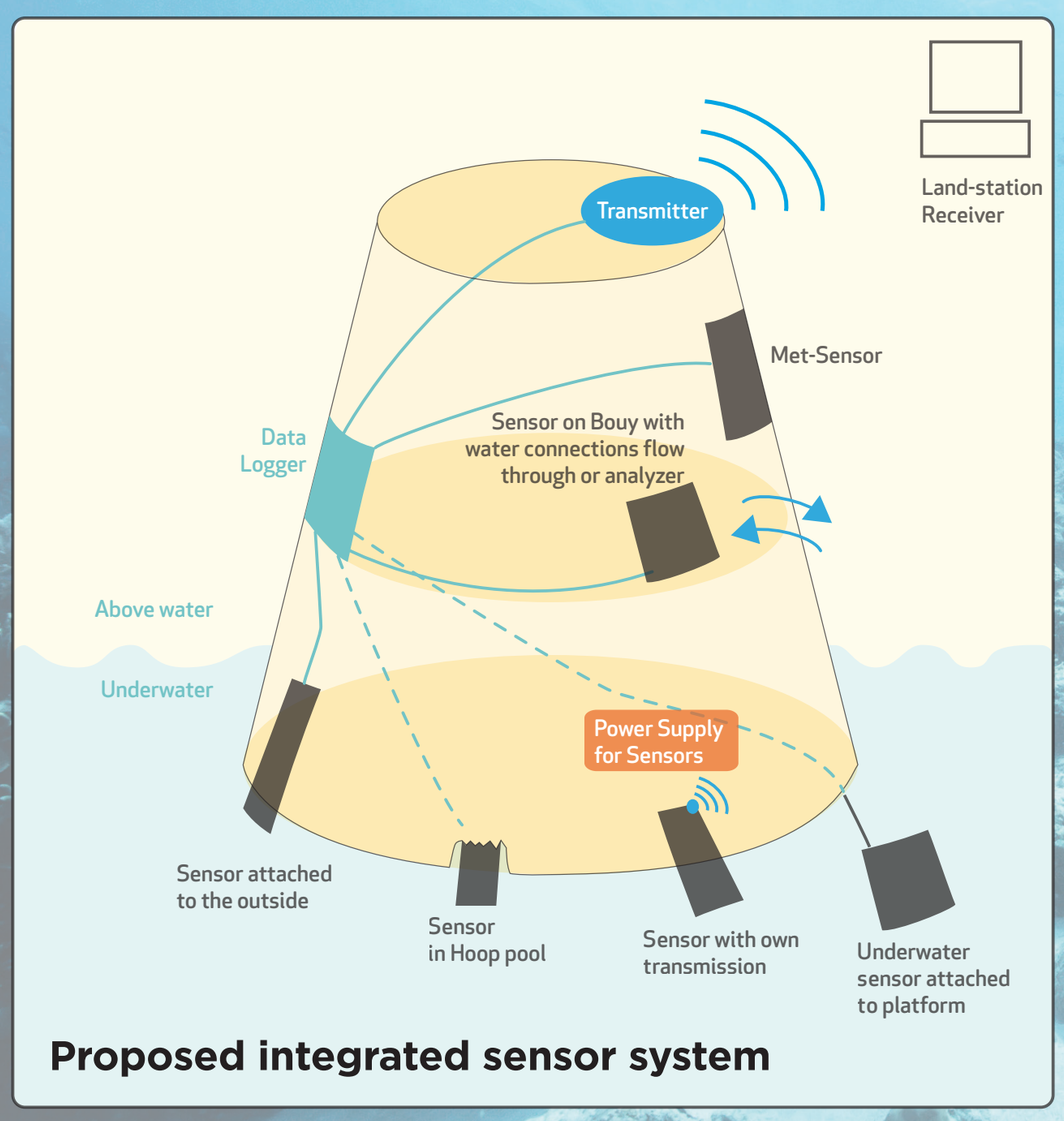
COMMON SENSE

MARINE SENSORS - MARINE MONITORING

DEVELOPING COST-EFFECTIVE SENSORS that will increase availability of standardised data on eutrophication, concentrations of heavy metals, microplastics, underwater noise and other parameters.

WWW.COMMONSENSEPROJECT.EU

OBJECTIVE: COMMON SENSE will develop prototypes of in-situ new generation sensors and integrate these sensors into different marine platforms in order to reduce significant sampling and monitoring costs.



Proposed integrated sensor system

EXPECTED PROJECT RESULTS

- Integration of specific innovative sensors into modular systems which can be easily adapted to different monitoring requirements and deployment platforms.
- Common Sensor Web Platform which will provide a more sophisticated view of the environment by implementing Open Geospatial Consortium Sensor Web Enablement standards and optimising data acquisition, indexing, access and interoperability.
- Deployment and testing of multifunctional sensor packages using floating devices, buoys, platforms and ships, under different sea conditions in key locations.
- Effective Knowledge and Technology Transfer ensuring maximum value and benefit from the **COMMON SENSE** project.

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PROJECT PARTNERS

LEITAT Technological Center member of TECNIO
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DropSens
Fundació Navegació Oceànica Barcelona
snelloptics
Consiglio Nazionale delle Ricerche
Idronaut S.r.l. Italy
AQUATT Science. Communication. Knowledge. Innovation.
TelLab
DCU
UCC Coláiste na hOllscoile Corcaigh, Éire University College Cork, Ireland
IBP PAN
subCtech
Cefas

COMMON SENSE is a European FP7- funded Collaborative Project (OCEAN 2013.2) coordinated by LEITAT Technological Center, Spain.

TOTAL BUDGET: €6,074,497
EC CONTRIBUTION: €4,664,072
DURATION: 40 Months, November 2013 – February 2017

15 partners
7 countries
(SMEs 6, Research Organisations 5, Universities 3, Foundation 1)

Designed and developed by **AquaTT**

This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration (OCEAN 2013.2) under grant agreement No 614155.
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