



■ **Practical Instructions for the teleconference:**

- Please note the meeting is recorded for follow-up purposes
- In order to ensure a good acoustic, please mute yourself, otherwise the moderator will mute you
- You may at any time comment or ask questions at any time, please write a message addressed to everyone in the chat which we monitor continuously





IMPRESSIVE PLATFORM TO TACKLE CHALLENGES IN THE EU HARBOURS

18/11/2020

impressive-project.eu

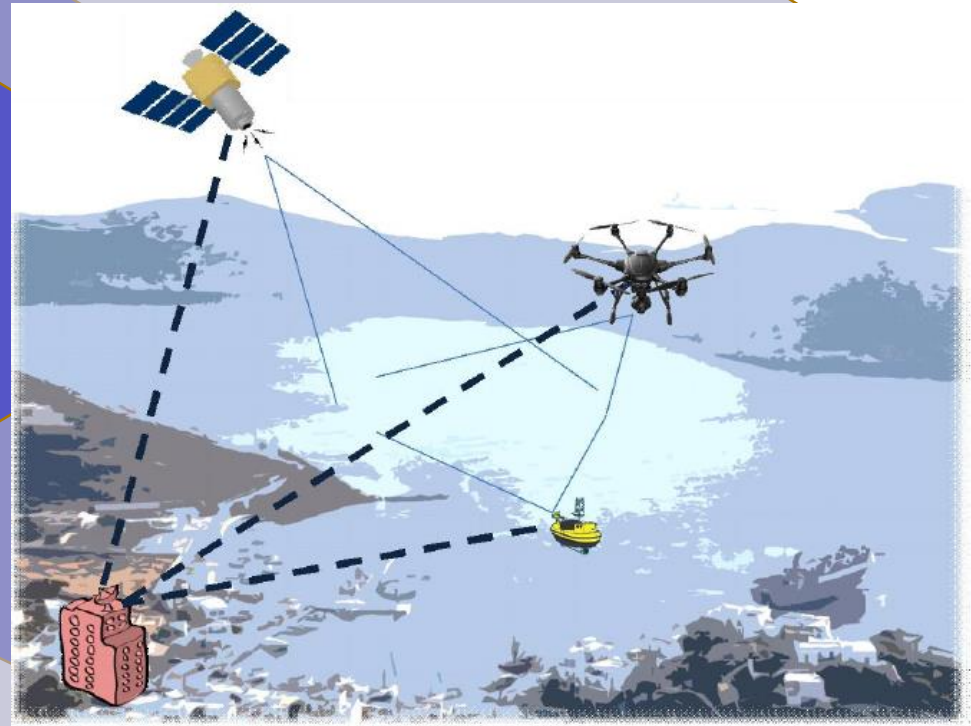
 [@impressiveproj1](https://twitter.com/impressiveproj1)



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IMPRESSIVE OVERVIEW



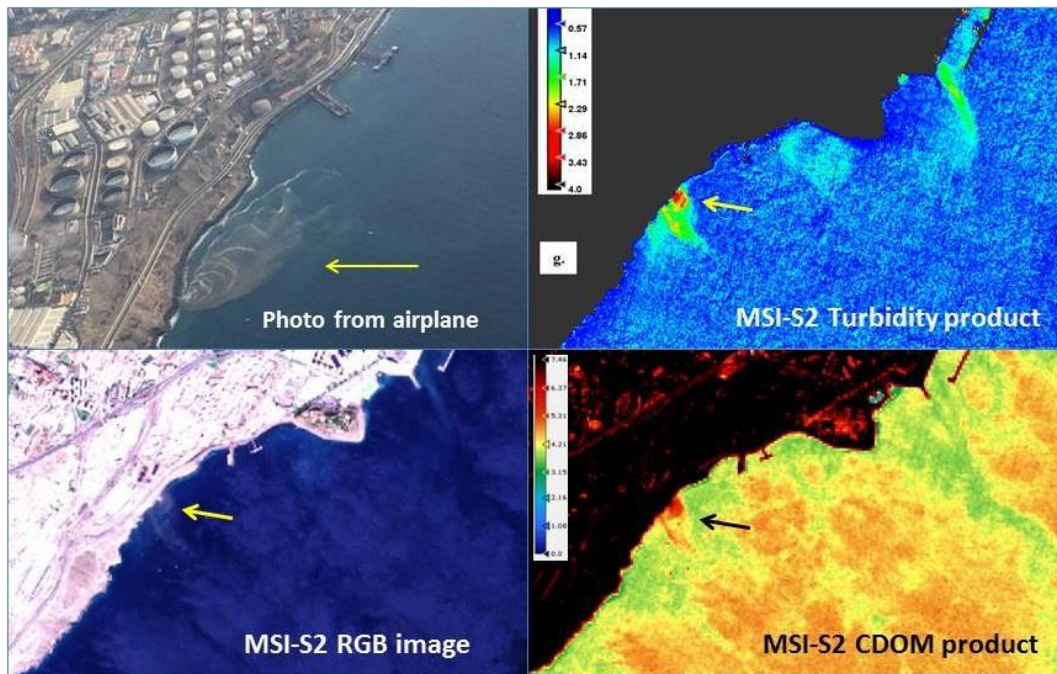
BACKGROUND

Current challenges in EU harbours

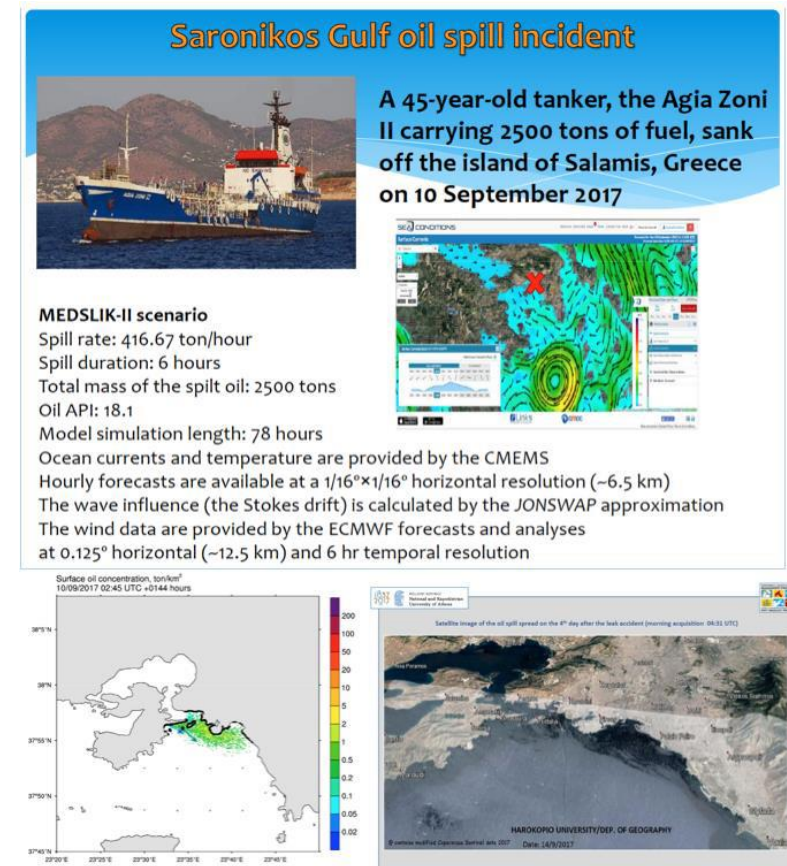


BACKGROUND

- The Need for Better Information;
- The Limitations of Traditional Techniques;



- Monitoring from Space.



IMPRESSIVE PLATFORM



The tool

The development of remotely operated sophisticated tools integrated with very high resolution models and EO products for pollution control in harbors and coastal areas; a graduated system of alert that will help to cope with and as quickly as possible. The system will consist of an integrated platform containing S/W modules for remote data (EO/ASV/UAV) incorporation, process and presentation to the user along with a marine pollution forecasting system based on hydrodynamic models, in a web and mobile interface.



IMPRESSIVE PLATFORM



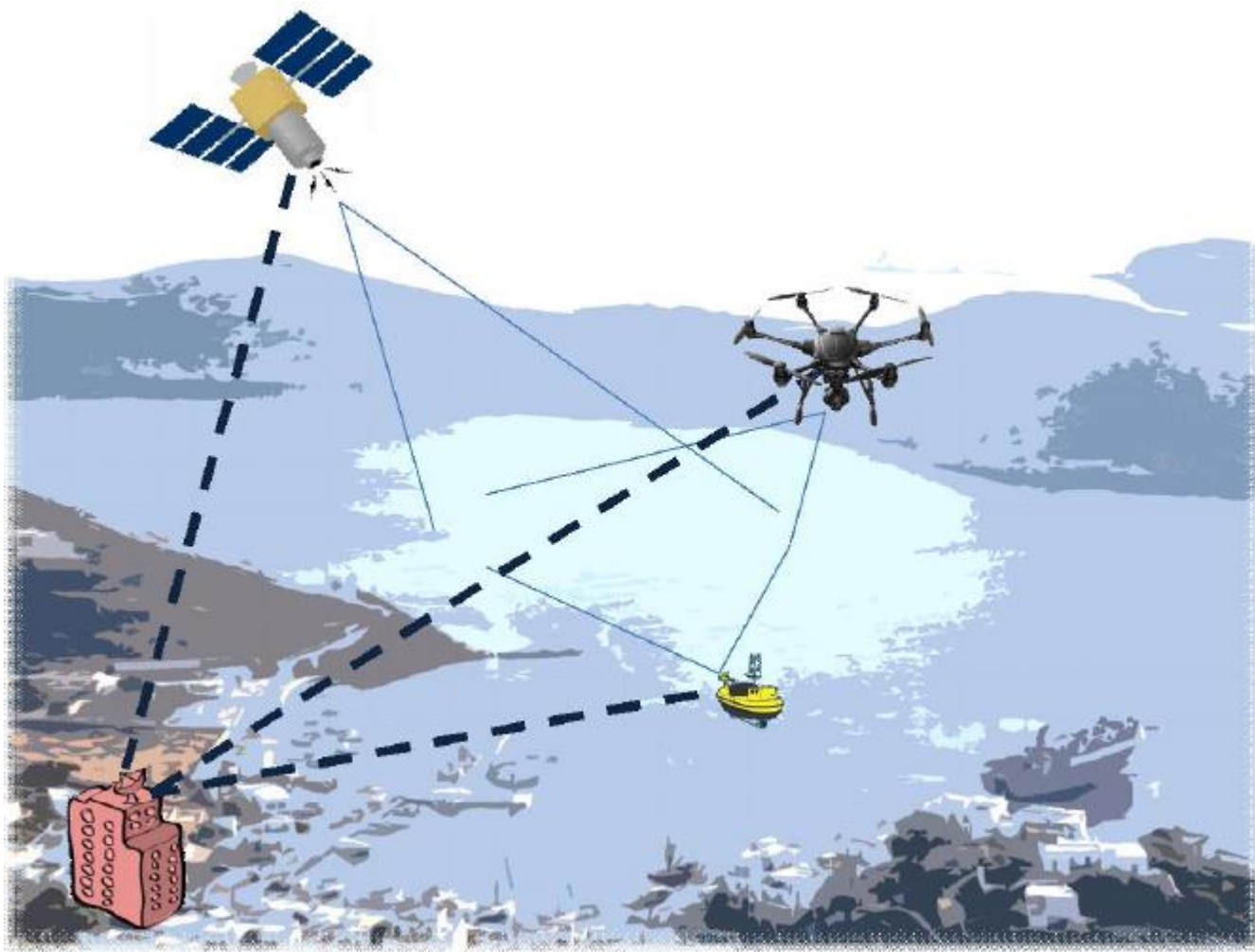
Benefits

- improved risk management in EU ports and coastal areas,
- safer activity and better corporate image for all industries operating in these areas,
- better port management and new services,
- industry competitiveness,
- new skilled workers and companies with EO-data exploitation expertise, able to support Port authorities with EO data.





The IMPRESSIVE proposal has been designed and developed to answer efficiently all challenges and scopes of the **H2020-DT-SPACE-1-EO-2018 Topic: Downstream Applications** of the **H2020-DT-SPACE-1-EO-2018**



IMPRESSIVE Partners



12 Partners: 5 SMEs

1 University

6 Public/Private Research Institutions

6 Countries: Greece 2

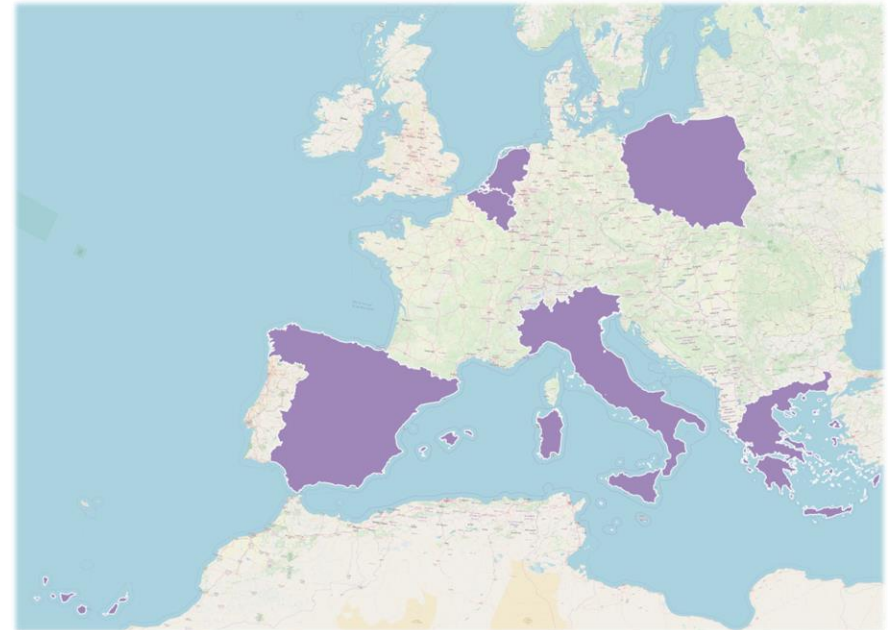
Spain 4

Italy 3

Netherlands 1

Belgium 1

Poland 1





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IMPRESSIVE & NEREUS



REGIONS

UNIVERSITIES

RESEARCH
CENTRES

INDUSTRY

SMEs



Advocacy/POLITICAL
DIALOGUE

INTERREGIONAL
COLLABORATIONS and
Partnerships

New Trends/
PUBLIC
OUTREACH

MISSION



- Spreading the **uses and understanding** of space technologies among European Regions and their citizens
- Advocating the **regional dimension** of European space policies and programs
- Showcasing space uses across policy areas to **non-specialist professional communities**

WHY NEREUS IS AN IMPORTANT PARTNER

- ❖ Regions are a key users and procurers of space technologies/services(almost 90% of the service are related to the public sector);
- ❖ Regions are responsible for innovation, research and SME policies and programs as well as regional policies (structural funds, S3-strategies);
- ❖ **Regions are able to channel space** as an enabler into a wide range of non-space policies;

WHY NEREUS IS AN IMPORTANT PARTNER

- ❖ Regions are link to a variety of key regional stakeholders such as port authorities/operators, scientific/technical community, industry/SMEs, academia, etc;
- ❖ Maritime is one of the key sectors of interest for NEREUS: 14 out of 24 full members are coastal, island and outermost regions;
- ❖ NEREUS entertains a partnership with Mercator Ocean and it's a key stakeholder to marine initiatives such as The Atlantic Regional Initiative.

Our involvement in IMPRESSIVE



Project Management, Pilot Validation, Dissemination, Business Plan and Exploitation

- Facilitate the promotion of the product towards interested groups such as port authorities;
- Support a comprehensive and effective exploitation of project results and outcomes;
- Final Conference of IMPRESSIVE.





Thank you!

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Network of European Regions Using Space

