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## **Working Group on GNSS**

### *Co-chairs*

*Pierpaolo Campostrini, CORILA, VENETO REGION (Italy)*

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### **Main accomplishments:**

- NEREUS Position Paper on GNSS (2009)
- FP7 - PEGASE Project - <http://www.gnss-in-eu-regions.info> (2010)
- Publication “Satellite Navigation Applications in the NEREUS Regions” (2011)
- Workshop on “EGNOS and GALILEO for marine and maritime applications: opportunities and challenges for European regions” – Venice (April 2012)
- Regulation of the European Parliament and of the Council on the implementation and exploitation of European satellite navigation systems. Proposals from NEREUS accepted
- Participation to the public consultation on applications of EU satellite navigation programmes (Galileo and EGNOS) (July 2013)
- EMMIA project - obsAIRveYourBusiness - Air Quality Monitoring for Cities (2014-2015)- Nereus Flagship project
- Dialogue with EU institutions (ESA, GSA, etc)

## obsAIRveYourBusiness Air Quality Monitoring for Cities



**Objective:** to develop an easy-to-use mobile app for citizens and city authorities providing information on air pollution. The project will provide detailed air quality information on street level. The service translates satellite and in-situ data into usable and individually localized information for citizens about the major air pollutants: ozone (O<sub>3</sub>), nitrogen dioxide (NO<sub>2</sub>) and particulate matter (PM<sub>10</sub>).

*The project builds on the previous obsAIRve project, a Copernicus air quality service.*

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→ Comments and inputs to the **President Vendola Work Program**

- Concerning objective 2 “Building an agreement with the new institutional framework at the European level (...)with the aim to identify platforms of dialogue (...)” it is fundamental to mention **the European GNSS Agency** and the objective for the network to become a key interlocutor with GSA regarding regional needs and priorities, especially in the decision process for the H2020 Space WPs. (Dialogue already established but that has to be consolidated).
- It is important to enhance **integrated applications of GNSS and Earth observation**. This issue can be faced also establishing actual link among GNSS and Copernicus WGs.
- We share with Copernicus WG the necessity “to promote the possibility to fully capitalize on the regional level the results of H2020/national projects by using **regional funds** such as ERDF, Interreg etc. in order to make the “**Space for Societal challenges**” a more sustainable and long term practice”
- It is important to consider the implementation perspective of GNSS Regulation, especially concerning the network of **European centres of excellence in GNSS**
- We believe important to encourage the participation of NEREUS members to the **forthcoming calls**, important also for enhancing the participation to the WGs