

**DYN**amic **Acoustic** **MAP**ping

*Development of low cost sensors networks for real time noise mapping*

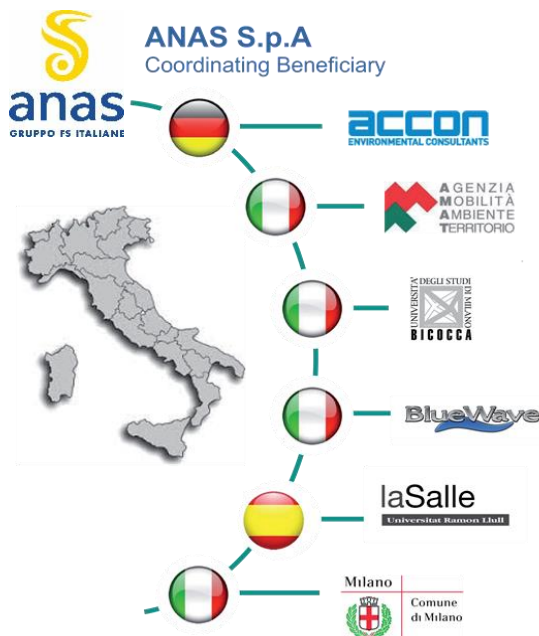
# DYNAMAP FINAL CONFERENCE

6<sup>TH</sup> JUNE 2019

AUDITORIUM VIA RIETI - VIA RIETI, 13 ROME

Funded under the LIFE + programme of the European Commission, Dynamap is a project aimed to develop a dynamic noise mapping system able to detect and represent in real time the acoustic impact of road infrastructures. To that end, an automatic monitoring system, based on customized low-cost sensors and a software tool on a GIS platform, has been developed and implemented in two pilot areas located in Rome (Italy), along the Motorway A90, and inside the agglomeration of Milan (Italy). In order to disseminate the projects results, a conference have been arranged addressed to road engineers, researchers and technicians.

In the first part of the conference, the project partners will give a general overview of the project and of the main results achieved; in the second part, a networking session will take place to describe the main issues and progress of the projects.



## TO PARTICIPATE:

Please fill the Registration form available at

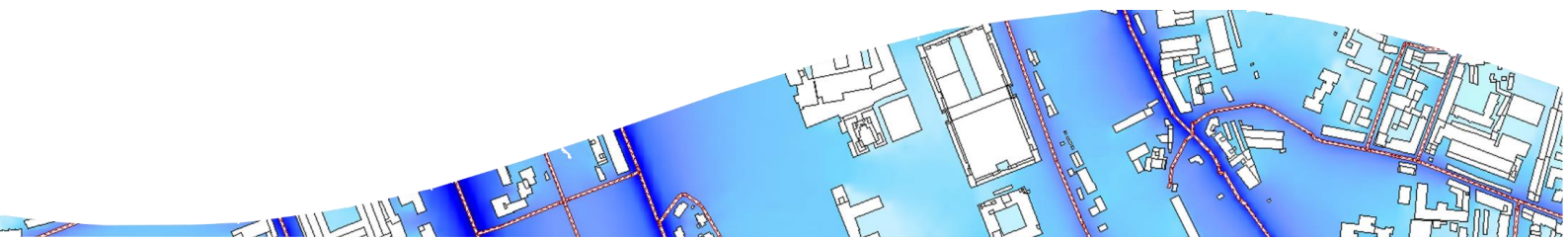
[Dynamap Final Conference](#)

or the attached participation form and return it to

Raffaella Grecco [r.grecco@stradeanas.it](mailto:r.grecco@stradeanas.it)

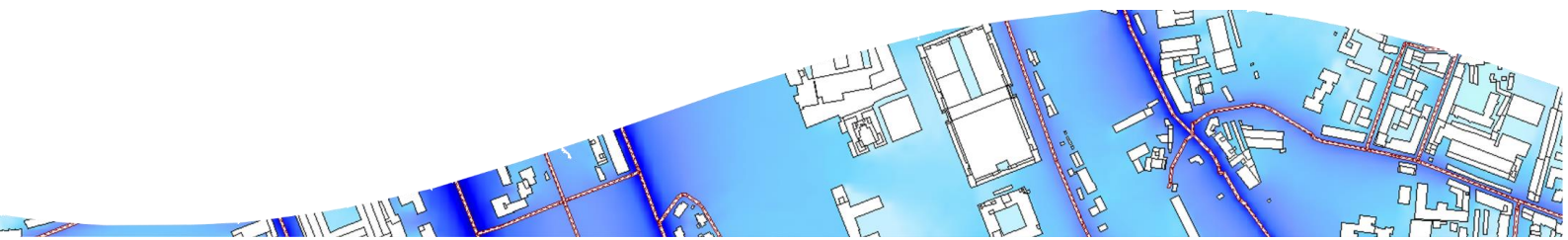
and

Patrizia Bellucci [p.bellucci@stradeanas.it](mailto:p.bellucci@stradeanas.it)



## Programme 6<sup>TH</sup> June 2019

- 09:00 Participants registration
- 09:30 Welcome speech
- 09:50 LIFE DYNAMAP: overview and story of the project - *Dr. P. Bellucci*
- 10:10 The low cost monitoring system - *Dr. Luca Nencini*
- 10:30 The ANED Algorithm for anomalous noise events detection and removal - *Prof. Rosa Maria Alsina Pagès*
- 10:50 Urban scenario: design and configuration of the monitoring system - *Prof. Giovanni Zambon*
- 11:10 Suburban scenario: design and configuration of the monitoring system - *Dr. Laura Peruzzi*
- 11:30 Coffee break**
- 11:50 Preparation of the basic noise maps - *Dr. Paola Coppi, Dr. Simone Radaelli*
- 12:10 The GIS based software platform for real time noise maps update - *Dr. Luca Nencini, Eng. Alessandro Burato, Dr. Michele Cortellezzi*
- 12:20 Accuracy and reliability of the Dynamap system - *Prof. Giovanni Zambon*
- 12:40 Cost-Benefit Analysis – *Ing. Roberto Pieretti*
- 13:00 Future system upgrade and potential applications - *Mr. Andrea Cerniglia*
- 13:20 Lunch break**
- 14:30 Introduction to the networking session
- 14:40 The LIFE NEREIDE project - *Dr. Mauro Cerchiai*
- 15:00 THE LIFE BrennerLEC PROJECT  
Noise and air quality monitoring with low cost sensors along the motorway A22 - *Dr. Laura Gasser*
- 15:20 The LIFE MONZA project.  
Introduction and management of low noise emission zones: first results of activities carried out in the pilot area of Life MONZA project - *Prof. Francesco Borchì, Dr. Rosalba Silvaggio*
- 15:40 Coffee Break**
- 16:00 The LIFE DIADEME project  
Rome EUR disruptive Street Lighting Energy Saving pilot project enabling traffic, noise and air quality mapping. - *Eng. A. Mancinelli*
- 16:20 The TRIPLO project  
La mitigazione degli impatti acustici attraverso l'adozione di soluzioni ITS applicate alla movimentazione terrestre delle merci. - *Dr. Monica Lazzaroni, Eng. S. Fresia*
- 16:40 End of the Conference**



**DYN**amic **Acoustic MAP**ping

*Development of low cost sensors networks for real time noise mapping*

# **DYNAMAP FINAL CONFERENCE**

**6<sup>TH</sup> JUNE 2019**

**AUDITORIUM VIA RIETI - VIA RIETI, 13 ROME**

## **PARTICIPATION FORM**

Please return this form completed as soon as possible (but no later than **May 20, 2019**) to:

Patrizia Bellucci, email: [p.bellucci@stradeanas.it](mailto:p.bellucci@stradeanas.it)

and

Raffaella Grecco, email: [r.grecco@stradeanas.it](mailto:r.grecco@stradeanas.it)

**NAME AND SURNAME:**

**ORGANIZATION:**

**EMAIL:**

