

# Conference

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Centre for Ecology, Evolution and Environmental Changes

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Centro de Biologia Ambiental

## **COST Action TD1105: Overview of Sensor-Systems for Air-Quality Monitoring**

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### **Abstract**

This is a short overview of the COST Action TD1105 **EuNetAir**-European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability-funded in the framework European Cooperation in the field of Scientific and Technical Research(COST) during the period 2012-2016.

The main objective of the Concerted Action is to develop new sensing technologies for Air Quality Control at integrated and multidisciplinary scale by coordinated research on nanomaterials, sensor-systems, air-quality modelling and standardised methods for supporting environmental sustainability with special focus on SMEs.

This international Networking, coordinated by ENEA (Italy), includes over 80 big institutions and over 170 international experts from 28 COST Countries (EU-zone) and 7 Non-COST Countries (extra-Europe) to create a S&T critical mass in the environmental issues.

The Lecture will focus on a detailed overview of the low-cost and low-power sensor-systems for Air-Quality Monitoring and review on new trends and future challenges for environmental monitoring applications.

**Host Researcher:** Cristina Máguas

**6ª feira, 17 de Outubro de 2014**  
**FCUL (Edif. C2) - 11:00 - Sala 2.2.12**