Joint exercise with SGX Sensortech

Evaluation of micro-sensors against standard methods for air quality control during field campaigns

The application of new sensors side by side with standardised equipment in field studies will allow assessing the reliability and uncertainty of these low-cost sensors, especially regarding an accurate detection of pollutant concentration peaks.

The measurement campaigns of O_3, NO_2, CO/VOC are being conducted in two major Portuguese airports, Lisbon and Oporto, in 6 monitoring sites, from October 2013 to February 2014.

EuNetAir Air Quality Joint-Exercise Intercomparison 2014

Air quality campaign at Aveiro city centre 2014

Continuous measurements: CO, benzene, NO_x, SO_2, PM_{10}, VOC, Temperature, Humidity, wind velocity/direction, solar radiation, precipitation.

All COST partners are invited to install their micro-sensors side-by-side with our air quality standardised equipment

Suggested Timetable

Location: Aveiro city (Portugal)

Tentative starting AQ campaign: April 2014 (tbc).

Duration of AQ campaign: 2 weeks (tbc).

Local Organization: Prof. Carlos Borrego, Dr. Ana Margarida Costa, IDAD, Aveiro (PT)

Invited people: Sensor producers, research teams, Practitioners from EuNetAir partnership including External contributions.

Output: Joint Publications; Meeting on Results, other.

Support from Action: Travelling costs, STSM, Accommodation, Meals. NO FUNDING for RESEARCH.