

European Network on New Sensing Technologies for Air Pollution Control and Environmental Sustainability - *EuNetAir*

COST Action TD1105

WGs & MC Meeting

New Sensing Technologies for Indoor Air Pollution Monitoring and Environmental Measurements

organized and hosted by Bulgarian Academy of Sciences
Sofia, Bulgaria, 16 - 18 December 2015

Action Start date: 01/07/2012 - Action End date: 15/11/2016 - Year 4: 2015-16 (*Extended Action*)

Welcome Address

 **COST**
EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY



Michele Penza

Function in the Action: Action Chair

ENEA - Brindisi, Italy





FIFTH SCIENTIFIC MEETING

Working Groups and Management Committee

organized by Bulgarian Academy of Sciences
 Institute of Electronics and National Institute for Meteorology and Hydrology
 Sofia (Bulgaria), 16 - 18 December 2015

hosted at Bulgarian Academy of Sciences - Conference Hall
 11 November Street, 1 - 1000 Sofia, Bulgaria

Meeting AGENDA	
16 Dec. 2015 - Wednesday	
08:30 - 18:00	REGISTRATION
09:00 - 09:30	WELCOME SESSION
09:30 - 11:00	PLENARY SESSION 1: Invited Talks
11:00 - 11:30	<i>Coffee-Break</i>
11:30 - 13:00	PLENARY SESSION 2: Invited Talks
13:00 - 14:30	<i>Lunch</i>
14:30 - 16:30	WG1-WG2 Meeting WG3-WG4 Meeting
16:30 - 17:00	<i>Coffee-Break</i>
17:00 - 18:30	WG1-WG2 Meeting WG3-WG4 Meeting
18:30	<i>Gathering of Day</i>
18:30 - 19:30	<i>Welcome Party</i>
17 Dec. 2015 - Thursday	
09:00 - 18:00	REGISTRATION
09:00 - 09:30	Wrap-Up and Inputs from Action TD1105
09:30 - 10:30	KEYNOTE SESSION
10:30 - 11:00	<i>Coffee-Break</i>
11:00 - 12:30	SIG SESSIONS: SIG1-SIG4 Meeting
12:30 - 14:00	<i>Lunch</i>
14:00 - 15:00	ROUNDTABLE: Which Future for AQ Sensors?
15:00 - 16:00	POSTER SESSION
16:00 - 16:30	<i>Coffee-Break</i>
16:30 - 18:00	Action WGs/SIGs GENERAL ASSEMBLY
18:00	CONCLUSIONS
19:30	<i>Social Dinner</i>
18 Dec. 2015 - Friday	
09:30 - 13:00	8th MANAGEMENT COMMITTEE MEETING
13:00 - 14:00	<i>Lunch</i>
14:30	Meeting Closing

COST Action TD1105 *EuNetAir*: WGs+MC MEETING

New Sensing Technologies for Indoor Air Pollution Monitoring and Environmental Measurements

- Welcome Address from COST Action TD1105 EuNetAir**

Dr. Michele Penza, Action Chair

ENEA, Department for Sustainability

Head of Lab Functional Materials & Technologies for Sustainable Applications

Brindisi (Italy)



AIM of *EuNetAir* WGs MEETING at Sofia:

New Sensing Technologies for Indoor Air Pollution Monitoring and Environmental Measurements

- **Provide** from Action TD1105 *EuNetAir* an Overview of the *Best Available Sensing Technologies, Methods and Best Practices on **Clean Air for Smart Cities in Europe*** to International Organizations (IOs), Policy Makers and Public Institutions, Local Managers.
- **Discuss and Consolidate** on *Future Plans* of the COST Action TD1105 to address **HORIZON 2020** proposals



COST Action TD1105 *EuNetAir*: WGs+MC Meeting Sofia

Statistics of Action WGs+MC Meeting at Sofia:	
e-COST Registered Participants / Total Participants:	58 / 60
Sessions including Plenary, Oral & Poster:	10
Keynote/Invited Speakers:	12
Oral Speakers (Contributed Talks):	27
Poster Presenters:	12
COST Countries involved in WGs Meeting: <i>Bulgaria, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Norway, Poland, Portugal, Serbia, Spain, Sweden, Switzerland, Turkey, UK and Russia (Near Neighbour Country)</i>	20
Gender Balance in WGs Meeting:	15 F (26%) 43 M (74%)
Early Stage Researchers (ESRs):	14 (25%)

URBANISATION AS GLOBAL CHALLENGE:

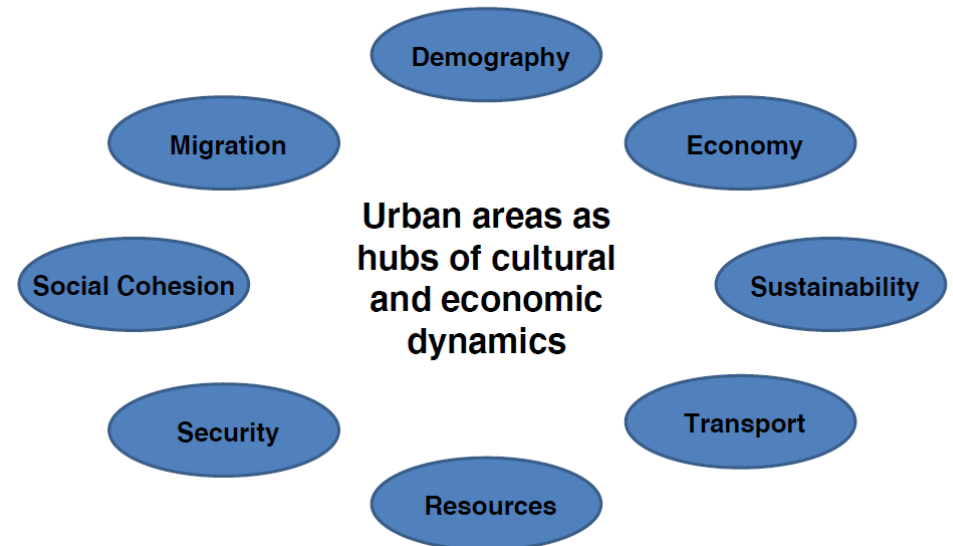
URBAN EUROPE - Joint Programming Initiative



Green New Deal IT Green-Economy Report ENEA and Sustainable Development Foundation



Urban Challenges



URBAN EUROPE - Joint Programming Initia

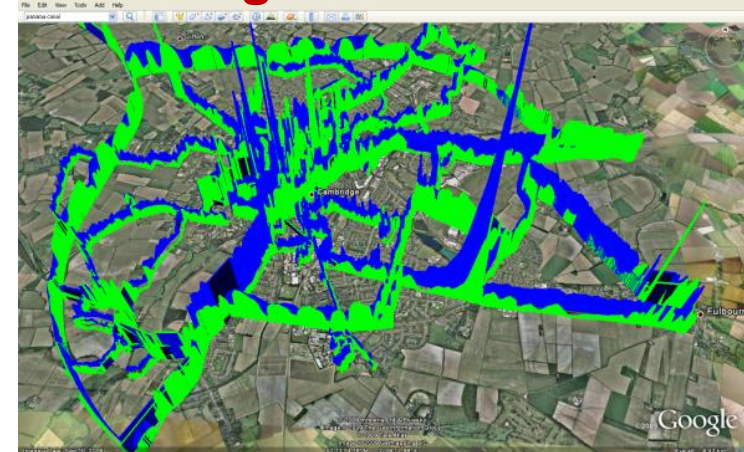
Sensor Applications:

Environmental Sensors Network for Smart Cities

❑ EUROPE:

- London Heathrow Airport, UK
- Cambridge, UK
- Zurich, Lausanne, Switzerland
- Vigo and La Coruna, Spain
- Antwerp, Belgium
- Copenhagen, Denmark
- Oslo, Norway
- Bari, Italy
- Others

Cambridge Sensor Network



❑ ASIA:

- Dubai, Arabian Emirates
- Shanghai, Cina

❑ USA:

- NYC
- Los Angeles

OUTREACH ACTIVITIES from Action TD1105

COST Action TD1105 - EuNetAir

European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability - EuNetAir

Action website:

www.cost.eunetair.it

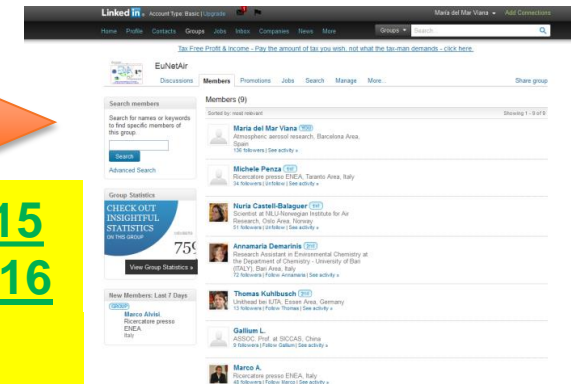
hosted by ENEA

Dr. Marco Alvisi, Webmaster Coordinator

Sebastiano Dipinto, Valerio Pfister, Gianfranco Zingarelli, Webmaster Team

Social Scientific ESRs Network (SSEN) by LinkedIn

Members: >80 - Moderators: M. Viana, M. Minguillon



4° CALL for Short Exchange Visits launched on September 2015
Short Term Scientific Mission: **9 TO BE FUNDED** by 30 April 2016

Dr. Jan Theunis, STSM Coordinator EuNetAir



EuNetAir Newsletter

COST Action TD1105 Iss. 1/Dec 2012

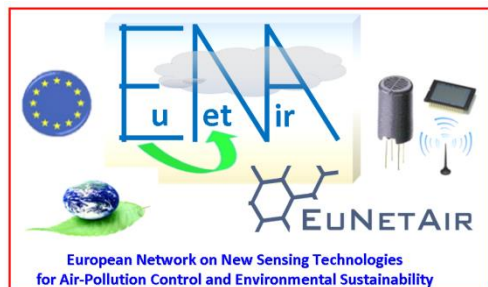
Opening Editorial

- Issue 1: published on Dec. 2012 ✓
- Issue 2: published on June 2013 ✓
- Issue 3: published on Dec. 2013 ✓
- Issue 4: published on June 2014 ✓
- Issue 5: published on Dec. 2014 ✓
- Issue 6: published on June 2015 ✓
- Issue 7: published on Dec. 2015 ✓

Prof. Ralf Moos, Editor-in-Chief

Dr. Daniela Schonauer-Kamin, Editorial Board Manager

Contact Details



CSO Approval: 01 Dec. 2011
Kick-off Meeting: 16 May 2012
Start of Grant: 01 July 2012
End of Grant: 15 Nov. 2016

www.cost.eunetair.it

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http://www.cost.eu/domains_actions/essem/Actions/TD1105

Top Story 
▶ all stories

***TD1105 selected as Top-Story
by COST Association***



Taking charge of air quality control in Europe's smart, green cities



A COST funded network of European spin-offs, SMEs, agencies, research centres and universities is working on developing cheaper and energy efficient sensors for air quality control in Europe's future smart cities.

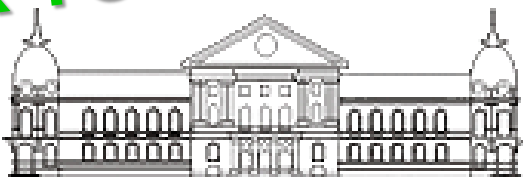
▶ full story

ACKNOWLEDGEMENTS

Sofia, Bulgaria, 16 - 18 December 2015



THANK YOU VERY MUCH FOR YOUR KIND ATTENTION !



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ACADEMY
of SCIENCES**
— 1869 —



BAS - Institute of Electronics

**BAS - National Institute for
Meteorology and Hydrology**

