



**cost**  
EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY



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## COST Action TD1105

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

### FIRST SCIENTIFIC MEETING

Working Groups and Management Committee  
Rome, 4 - 6 December 2012

ENEA Headquarters, Lungotevere Thaon de Revel, 76, Rome, Italy

## GENERAL PROGRAMME

AGENDA of COST Action TD1105 Meeting				
<b>4 Dec. 2012 - Tuesday</b>				
14:00 - 19:00		<b>REGISTRATION</b>		
<b>15:00 - 19:30</b>		<b>COST Action PLENARY SESSION</b>		
17:00 - 17:30		<i>Coffee-Break</i>		
<b>5 Dec. 2012 - Wednesday</b>				
09:00 - 19:00		<b>REGISTRATION</b>		
<b>08.45 - 09.00</b>		Introduction and Adoption of the AGENDA		
<b>09:00 - 11:00</b>	<b>WG1 Meeting</b>	<b>WG2 Meeting</b>	<b>WG3 Meeting</b>	<b>WG4 Meeting</b>
<b>11:00 - 11:30</b>		<i>Coffee-Break</i>		
<b>11:30 - 13:00</b>		<b>Action WGs GENERAL ASSEMBLY</b>		
13:00 - 14:30		<i>Lunch</i>		
<b>14.30 - 16.30</b>	<b>SIG1 Meeting</b>	<b>SIG2 Meeting</b>	<b>SIG3 Meeting</b>	<b>SIG4 Meeting</b>
16:30 - 17:00		<i>Coffee-Break</i>		
<b>17:00 - 18:30</b>		<b>Action SIGs GENERAL ASSEMBLY</b>		
<b>18:30 - 20:00</b>		<b>Action TD1105 Round-Table DISCUSSIONS</b>		
21:00		<i>Social Dinner</i>		
<b>6 Dec. 2012 - Thursday</b>				
<b>09:00 - 13:00</b>		<b>MANAGEMENT COMMITTEE MEETING</b>		
13:00 - 14:00		<i>Lunch</i>		
<b>14:30</b>		<b>Meeting Closing</b>		



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**Tuesday, 4 December 2012**

**COST Action TD1105 PLENARY SESSION**

**Central Hall**

<b>14:00 - 19:00</b>	<b>Registration</b>
<b>15:00 - 17:00</b>	<b>EU Research Policy and International Overview on Air Quality Monitoring</b> <i>Chairman: Michele Penza, Action Chair - ENEA, Italy</i>
<b>15:00 - 15:10</b>	<b>Welcome Address</b> <i>Giovanni Lelli, ENEA Commissioner</i>
<b>15:10 - 15:15</b>	<b>Introductory Technical Address</b> <i>Leander Tapfer, Head of Technical Unit for Materials Technologies-Brindisi Research Center, ENEA</i>
<b>15:15 - 15:30</b>	<b>COST Action TD1105: European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability</b> <i>Michele Penza, Action Chair, ENEA, Italy</i>
<b>15:30 - 16:00</b>	<b>EU Research Policy towards Horizon 2020</b> <i>Valerio Abbadessa, Brussels ENEA Liason Office</i>
<b>16:00 - 16:30</b>	<b>Low-cost Gas Sensors for Air Quality Control: Overview in Europe and New Trends</b> <i>Michel Gerboles, JRC, Institute for Environment and Sustainability, Ispra, Italy</i>
<b>16:30 - 17:00</b>	<b>Nanosensors for Air Quality Monitoring in USA</b> <i>Meyya Meyyappan, NASA Ames Research, Moffett Field, California, USA</i>
<b>17:00 - 17:30</b>	<b>Coffee Break</b>
<b>17:30 - 18:10</b>	<b>FP7 Projects on Air Quality Monitoring Technologies</b> <i>Chairman: Anita Lloyd Spetz, Action Vice-Chair - University of Linkoping, Sweden</i>
<b>17:30 - 17:50</b>	<b>FP7 Project EURUSSIA S3 (NMP 2009-12): Surface ionization and novel concepts in nano-MOX gas sensors with increased Selectivity, Sensitivity and Stability for detection of low concentrations of toxic and explosive agents</b> <i>Giorgio Sberveglieri, EURUSSIA S3 Coordinator, University of Brescia, Italy</i>
<b>17:50 - 18:10</b>	<b>FP7 Project AirMonTech (ENV 2010-13): Air Quality Monitoring Technologies for Urban Areas</b> <i>Thomas Kuhlbusch, AirMontech Coordinator, Institute of Energy and Environmental Technologies (IUTA eV), Duisburg, Germany</i>
<b>18:10 - 18:50</b>	<b>Health Effects of Air Pollution in Europe</b> <i>Chairman: Ole Hertel, Action WG3 Chair - Aarhus University, Denmark</i>
<b>18:10 - 18:30</b>	<b>WHO activities to abate health impacts of air pollution in the European Region</b> <i>Hans-Guido Mucke, WHO Collaborating Centre for Air Quality Management and Air Pollution Control - Federal Environment Agency, Berlin, Germany</i>
<b>18:30 - 18:50</b>	<b>Assessment of the health impact of the industrial emissions in the environmental management of the "Taranto case"</b> <i>Giorgio Assennato, President AssoARPA and Director of Environmental Protection Regional Agency (ARPA-Puglia), Bari, Italy</i>
<b>18:50 - 19:30</b>	<b>Applications of Environmental Sustainability in Europe</b> <i>Chairman: Ingrid Bryntse, Action WG4 Chair - SenseAir SA, Delsbo, Sweden</i>
<b>18:50 - 19:10</b>	<b>COST Action ES1004: European Framework for Online Integrated Air Quality and Meteorology Modelling</b> <i>Peter Suppan, Action ES1004 WG1 Leader, Karlsruhe Institute of Technology, Garmisch-Partenkirchen, Germany</i>
<b>19:10 - 19:30</b>	<b>Networked Low-cost Sensors for Environmental Monitoring in Cities</b> <i>Rod Jones, University of Cambridge, Centre for Atmospheric Science, UK</i>
<b>19:30</b>	<b>Closure of Plenary Session</b>



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**Wednesday, 5 December 2012**

**Action TD1105 Working Groups and Special Interest Groups Meetings**

**Central Hall**

**09:00 - 19:00** **Registration**

**08:45 - 09:00** **Introduction and Adoption of the AGENDA for WGs and SIGs Meetings**

**08:45 - 09:00** **Wrap Up** - Michele Penza, Action Chair, ENEA, Italy

**Parallel Session of WG1. Location: External Room (15 seats)**

**09:00 - 11:00** **WG1: Sensor Materials and Nanotechnology**

*Chairman: Jyrki Lappalainen, Action WG1 Vice-Chair - Oulu University, Oulu, Finland*

**Specific Presentations from WG1**

**09:00 - 09:10** **Mixed metal-oxides layers for AQC gas sensors**

*Jyrki Lappalainen, Action WG1 Vice-Chair, Oulu University, Oulu, Finland*

**09:10 - 09:20** **Metal oxides nanostructures for AQC gas sensors**

*George Kiriakidis, Action Sub-WG1.1 Leader, FORTH, Crete, Greece*

**09:20 - 09:30** **Carbon nanomaterials for AQC gas sensors**

*Eduard Llobet, Action Sub-WG1.2 Leader, Universitat Roviri I Virgili, Tarragona, Spain*

**09:30 - 09:40** **Emerging sensor materials (organic/inorganic, hybrid, nanocomposites, polymers, functional, etc.) for air-pollution detection**

*Marcel Bouvet, Action Sub-WG1.3 Leader, Université de Bourgogne, Dijon, France*

**Partner Presentations from WG1**

**09:40 - 09:45** *Monika Kwoka, Silesian University of Technology, Gliwice, Poland*

**09:45 - 09:50** *Ivan Nedkov, Bulgarian Academy of Sciences, Sofia, Bulgaria*

**09:50 - 09:55** *Roxana Mioara Piticescu, IMNR, Pantelimon, Romania*

**09:55 - 10:00** *Zafer Ziya Ozturk, Gebze Institute of Technology, Kocaeli, Turkey*

**10:00 - 10:05** *Donatella Puglisi, University of Linköping, Sweden*

**10:05 - 11:00** **Discussions of WG1: Priorities, R&D needs, Roadmap**

**Deliverable: Definition of WG1 Priorities for WGs General Assembly and Action Workplan**

**Parallel Session of WG2. Location: Council Room (25 seats)**

**09:00 - 11:00** **WG2: Sensors, Devices and Systems for AQC**

*Chairman: Andreas Schuetze, Action WG2 Chair - Saarland University, Saarbrücken, Germany*

**Specific Presentations from WG2**

**09:00 - 09:10** **CMOS-based gas sensors**

*Florin Udrea, Action WG2 Vice-Chair, Cambridge CMOS Sensors Ltd, Cambridge, UK*

**09:10 - 09:20** **Gas sensors and new transducers**

*J. Daniel Prades, University of Barcelona, Spain*

**09:20 - 09:30** **Portable gas sensor-systems**

*Jerome Brunet, Université Blaise Pascal, LASMEA-CNRS, Aubiere, France*

**09:30 - 09:40** **Wireless technology and AQC sensors network**

*Christos Koulamas, Action Sub-WG2.3 Substitute, ISI-Athena, Patras, Greece*

**09:40 - 09:50** **Mobile sensing, participatory sensing and sensor networks for air quality monitoring**

*Jan Theunis, VITO, Mol, Belgium*

**Partner Presentations from WG2**

**09:50 - 09:55** *Radu Adrian Ionica, IPA SA, Craiova, Romania*

**09:55 - 10:00** *Jens Eriksson, University of Linköping, Sweden*

**10:00 - 10:05** *Daniela Schonauer-Kamin, University of Bayreuth, Germany*

**10:05 - 10:10** *Branko Ster, University of Ljubljana, Slovenia*

**10:10 - 11:00** **Discussions of WG2: Priorities, R&D needs, Roadmap**

**Deliverable: Definition of WG2 Priorities for WGs General Assembly and Action Workplan**



**Parallel Session of WG3. Location: Central Hall (108 seats)**

- 09:00 - 11:00** **WG3: Environmental Measurements and Air-Pollution Modelling**  
*Chairman: Ole Hertel, Action WG3 Chair - Aarhus University, Roskilde, Denmark*  
**Specific Presentations from WG3**
- 09:00 - 09:10** **Aerosol particle monitoring and characterisation**  
*Kaarle Hameri, Action WG3 Vice-Chair, University of Helsinki, Helsinki, Finland*
- 09:10 - 09:20** **Environmental measurements at laboratory and in field air-quality stations**  
*Nuria Castell-Balaguer, Action Sub-WG3.1 Leader, NILU - Norwegian Institute for Air Research, Kjeller, Norway*
- 09:20 - 09:30** **Air-quality modelling and chemical weather forecasting**  
*Kostas Karatzas, Action Sub-WG3.2 Leader, Aristotle University, Thessaloniki, Greece*
- 09:30 - 09:40** **Harmonisation of environmental measurements**  
*Ulrich Quass, Action Sub-WG3.3 Leader, IUTA - Institute of Energy and Environmental Technology, Duisburg, Germany*
- Partner Presentations from WG3**
- 09:40 - 09:45** *Krisztina Labancz, Hungarian Meteorological Service, Budapest, Hungary*
- 09:45 - 09:50** *Arngrimur Thorlaciuss, Agricultural University of Iceland, Iceland*
- 09:50 - 09:55** *Mariacruz Minguillon, CSIC-IDAEA, Barcelona, Spain*
- 09:55 - 10:00** *Ernie Weijers, ECN, Petten, The Netherlands*
- 10:00 - 10:05** *Fabio Galatioto, Newcastle University, Newcastle, UK*
- 10:05 - 11:00** **Discussions of WG3: Priorities, R&D needs, Roadmap**  
**Deliverable: Definition of WG3 Priorities for WGs General Assembly and Action Workplan**

**Parallel Session of WG4. Location: Technical Committee Room (25 seats)**

- 09:00 - 11:00** **WG4: Protocols and Standardisation Methods**  
*Chairman: Ingrid Bryntse, Action WG4 Chair - SenseAir SA, Delsbo, Sweden*  
**Specific Presentations from WG4**
- 09:00 - 09:10** **Development of miniaturized sensor systems for air quality monitoring**  
*Nicolas Moser, Action WG4 Vice-Chair, SGX Sensortech Ltd (ex e2V Microsensors), Corcelles, Switzerland*
- 09:10 - 09:20** **Microelectronic sensors for air quality monitoring and security**  
*Roberto Simmarano, Sensichips srl, Aprilia (Latina), Italy*
- 09:20 - 09:30** **Protocols, standards and methods for AQC by sensors (no-analyzers) technologies**  
*Anne-Claude Romain, Action Sub-WG4.2 Leader, Université de Liège, Arlon, Belgium*
- 09:30 - 09:40** **Benchmarking of new products and market of commercial AQC sensors**  
*John Saffell, Action Sub-WG4.3 Leader, Alphasense Ltd, Essex, UK*
- Partner Presentations from WG4**
- 09:40 - 09:45** *Magda Brattoli, University of Bari, Italy*
- 09:45 - 09:50** *Liad Ortar, AirBase Systems, Israel*
- 09:50 - 09:55** *Thorsten Conrad, 3S GmbH, Saarbrücken, Germany*
- 09:55 - 10:00** *Dimiter Syrakov, Bulgarian Academy of Sciences, Sofia, Bulgaria*
- 10:00 - 11:00** **Discussions of WG4: Priorities, R&D needs, Roadmap**  
**Deliverable: Definition of WG4 Priorities for WGs General Assembly and Action Workplan**

**11:00 - 11:30**

**Coffee-Break**



## Central Hall

<b>Action WGs GENERAL ASSEMBLY</b>	
<b>11:30 - 13:00</b>	<i>Chairman: Michele Penza, Action Chair Italian National Agency for New Technologies, Energy and Sustainable Economic Development - ENEA, Brindisi, Italy</i>
<b>Specific Presentations from Vice-Chair and WGs Leaders</b>	
<b>11:30 - 11:40</b>	<b>Introductory Keynote Current Research on Particle Detection and Gas Sensors for Environmental Monitoring</b> <i>Anita Lloyd Spetz, Action Vice-Chair, University of Linköping, Sweden and Oulu University, Finland</i>
<b>11:40 - 11:50</b>	<b>Priorities and Roadmap of WG1: Sensor Materials and Nanotechnology</b> <i>Jyrki Lappalainen, Action WG1 Vice-Chair, Oulu University, Oulu, Finland</i>
<b>11:50 - 12:00</b>	<b>Priorities and Roadmap of WG2: Sensors, Devices and Systems for AQC</b> <i>Andreas Schuetze, Action WG2 Chair, Saarland University, Saarbrücken, Germany</i>
<b>12:00 - 12:10</b>	<b>Priorities and Roadmap of WG3: Environmental Measurements and Air-Pollution Modelling</b> <i>Ole Hertel, Action WG3 Chair, Aarhus University, Roskilde, Denmark</i>
<b>12:10 - 12:20</b>	<b>Priorities and Roadmap of WG4: Protocols and Standardisation Methods</b> <i>Ingrid Bryntse, Action WG4 Chair, SenseAir SA, Delsbo, Sweden</i>
<b>Discussion of Action Participants:</b>	
<b>12:20 - 13:00</b>	<b>Comments and Inputs on Priorities, R&amp;D Needs, Strategies, Roadmap for future joint-activities of Action TD1105 EuNetAir</b> <b>Definition of the Action: Priorities, R&amp;D Needs, Recommendations, Roadmap</b>

## 13:00 - 14:30 Lunch offered by the Conference Organization

### Parallel Session of SIG1. Location: External Room (15 seats)

<b>SIG1: Network of spin-offs</b>	
<b>14:30 - 16:30</b>	<i>Chairman: Marco Alvisi, Action SIG1 Leader Italian National Agency for New Technologies, Energy and Sustainable Economic Development - ENEA, Brindisi, Italy</i>
<b>Specific Presentations from SIG1</b>	
<b>14:30 - 14:40</b>	<b>Definition of the objectives, activities, deliverables and strategies for SIG1 - Part I</b> <i>Marco Alvisi, Action SIG1 Leader, ENEA, Brindisi, Italy</i>
<b>14:40 - 14:50</b>	<b>Definition of the objectives, activities, deliverables and strategies for SIG1 - Part II</b> <i>Florin Udrea, Action SIG1 Deputy, Cambridge CMOS Sensors Ltd, Cambridge, UK</i>
<b>14:50 - 15:00</b>	<b>Cooperative instruments for EU spin-offs and innovative SMEs: Enterprise Europe Network (EEN) and Bridg€conomies</b> <i>Ludovica Gerardi, EEN - Mondoimpresa, Rome, Italy</i>
<b>15:00 - 15:45</b>	<b>Partner Presentations from SIG1</b> <i>Nicolas Moser, SGX-Sensortech Ltd (ex- e2v microsensors), Corcelles, Switzerland Roberto Simmarano, Sensichips srl, Aprilia (Latina), Italy Anne-Claude Romain, representing Odometric SA, Arlon, Belgium Marco Brini, EnvEve SA, Bioggio, Switzerland Thorsten Conrad, 3S GmbH, Saarbrücken, Germany Pierluigi Barbieri, ARCO-Solutions srl, Trieste, Italy Lucrezia De Gennaro, Lenviros srl, Bari, Italy Liad Ortar, AirBase Systems, Granot (Israel) and Berlin (Germany) Marcel Ionica, IPA SA, Craiova, Romania</i>
<b>15:45 - 16:30</b>	<b>Discussions of SIG1: Priorities, R&amp;D needs, Roadmap</b> <b>Deliverable: Definition of SIG1 Priorities for SIGs General Assembly and Action Workplan</b>





**Parallel Session of SIG2. Location: Central Hall (108 seats)**

<b>14:30 - 16:30</b>	<b>SIG2: Smart Sensors for Urban Air Monitoring in Cities</b> <i>Chairman: Rod Jones, Action SIG2 Leader</i> <i>University of Cambridge, Centre for Atmospheric Science, Cambridge, UK</i>
	<b>Specific Presentations from SIG2</b>
<b>14:30 - 14:40</b>	<b>Definition of the objectives, activities, deliverables and strategies for SIG2</b> <i>Rod Jones, Action SIG2 Leader, University of Cambridge, Cambridge, UK</i>
<b>14:40 - 14:50</b>	<b>Electrochemical sensors for urban air quality monitoring applications</b> <i>John Saffell, Alphasense Ltd, Essex, UK</i>
<b>14:50 - 15:00</b>	<b>Examples of applications of sensors for urban air quality monitoring in Switzerland</b> <i>Christoph Hueglin, EMPA - Swiss Federal Laboratories for Materials Science and Technology, Duebendorf, Switzerland</i>
<b>15:00 - 15:10</b>	<b>Examples of applications of sensors for urban air quality monitoring in UK</b> <i>Fabio Galatioto, Newcastle University, Newcastle, UK</i>
<b>15:10 - 15:20</b>	<b>Examples of Applications of sensors for urban air quality monitoring in Greece</b> <i>Kostas Karatzas, Aristotle University, Thessaloniki, Greece</i>
<b>15:20 - 15:30</b>	<b>Examples of applications of sensors for urban air quality monitoring in Belgium</b> <i>Jan Theunis, VITO, Mol, Belgium</i>
<b>15:30 - 15:40</b>	<b>Examples of applications of sensors for urban air quality monitoring in Turkey</b> <i>Zafer Ziya Ozturk, Gebze Institute of Technology, Kocaeli, Turkey</i>
<b>15:40 - 15:50</b>	<b>Examples of applications of sensors for urban air quality monitoring in Holland</b> <i>Ernie Weijers, ECN, Petten, The Netherlands</i>
<b>15:50 - 16:05</b>	<b>Partner Presentations from SIG2</b>
<b>15:50 - 15:55</b>	<i>Christos Koulamas, ISI-Athena, Patras, Greece</i>
<b>15:55 - 16:00</b>	<i>Domenico Suriano, ENEA, Brindisi, Italy</i>
<b>16:00 - 16:05</b>	<i>Branko Šter, University of Ljubljana, Slovenia</i>
<b>16:05 - 16:30</b>	<b>Discussions of SIG2: Priorities, R&amp;D needs, Roadmap</b> <b><u>Deliverable: Definition of SIG2 Priorities for SIGs General Assembly and Action Workplan</u></b>

**Parallel Session of SIG3. Location: Technical Committee Room (25 seats)**

<b>14:30 - 16:30</b>	<b>SIG3: Guidelines for Best Coupling Air Pollutants and Transducer</b> <i>Chairman: Giorgio Sberveglieri, Action SIG3 Leader - University of Brescia, Italy</i>
	<b>Specific Presentations from SIG3</b>
<b>14:30 - 14:40</b>	<b>Definition of the objectives, activities, deliverables and strategies for SIG3</b> <i>Giorgio Sberveglieri, Action SIG3 Leader, University of Brescia, Italy</i>
<b>14:40 - 14:50</b>	<b>FET sensors applications for air quality (SO<sub>2</sub>, H<sub>2</sub>S, Methanol) monitoring in Sweden</b> <i>Zhafira Darmastuti, University of Linkoping, Sweden</i>
<b>14:50 - 15:00</b>	<b>Examples of applications of sensor-systems for urban air quality monitoring in France</b> <i>Jerome Brunet, Université Blaise Pascal, LASMEA-CNRS, Aubiere, France</i>
<b>15:00 - 15:10</b>	<b>Examples of applications of solid-state sensors for urban air quality monitoring in Finland</b> <i>Jyrki Lappalainen, Oulu University, Oulu, Finland</i>
<b>15:10 - 15:20</b>	<b>Nanosensors applications for urban air-pollutants monitoring in Spain</b> <i>Albert Romano-Rodriguez, University of Barcelona, Spain</i>
<b>15:20 - 15:30</b>	<b>Graphene-based sensors for urban air-pollutants (NO<sub>2</sub>) monitoring in Sweden</b> <i>Jens Eriksson, University of Linkoping, Sweden</i>
<b>15:30 - 15:40</b>	<b>Examples of applications of sensors for urban air quality monitoring in Romania</b> <i>Radu Adrian Ionica, IPA SA, Craiova, Romania</i>
<b>15:40 - 15:50</b>	<b>Examples of applications of SCR-catalyst materials for exhaust gas monitoring in Germany</b> <i>Daniela Schonauer-Kamin, University of Bayreuth, Germany</i>
<b>15:50 - 16:00</b>	<b>Other Partner Presentations from SIG3</b>
<b>16:00 - 16:30</b>	<b>Discussions of SIG3: Priorities, R&amp;D needs, Roadmap</b> <b><u>Deliverable: Definition of SIG3 Priorities for SIGs General Assembly and Action Workplan</u></b>



**Parallel Session of SIG4. Location: Council Room (25 seats)**

<b>SIG4: Expert Comments for the Revision of the Air Quality Directive (AQD)</b>	
<b>14:30 - 16:30</b>	<i>Chairman: Thomas Kuhlbusch, Action SIG4 Leader Institute of Energy and Environmental Technologies (IUTA), Germany</i>
<b>Specific Presentations from SIG4</b>	
<b>14:30 - 14:40</b>	<b>Definition of the objectives, activities, deliverables and strategies for SIG4</b> <i>Thomas Kuhlbusch, Action SIG4 Leader, IUTA, Germany</i>
<b>14:40 - 14:50</b>	<b>Assessing human exposure to air pollution in health assessment studies in Europe</b> <i>Ole Hertel, Aarhus University, Roskilde, Denmark</i>
<b>14:50 - 15:00</b>	<b>Examples of guidelines/applications of environmental technologies for the Revision of the AQD in Norway</b> <i>Nuria Castell-Balaguer, NILU, Kjeller, Norway</i>
<b>15:00 - 15:10</b>	<b>Examples of guidelines/applications of environmental technologies for the Revision of the AQD in Finland</b> <i>Kaarle Hameri, University of Helsinki, Finland</i>
<b>15:10 - 15:20</b>	<b>Examples of guidelines/applications of environmental technologies for the Revision of the AQD in Spain</b> <i>Mariacruz Minguillon, CSIC-IDAEA, Barcelona, Spain</i>
<b>15:20 - 15:30</b>	<b>Examples of guidelines/applications of environmental technologies for the Revision of the AQD in Bulgaria</b> <i>Dimiter Syrakov, Bulgarian Academy of Sciences, Sofia, Bulgaria</i>
<b>15:30 - 15:40</b>	<b>Examples of guidelines/applications of environmental technologies for the Revision of the AQD in Latvia</b> <i>Iveta Steinberga, University of Latvia, Riga, Latvia</i>
<b>15:40 - 15:50</b>	<b>Examples of guidelines/applications of environmental technologies for the Revision of the AQD in Hungary</b> <i>Krisztina Labancz, Hungarian Meteorological Service, Budapest, Hungary</i>
<b>16:00 - 16:30</b>	<b>Discussions of SIG4: Priorities, R&amp;D needs, Roadmap</b> <b><u>Deliverable: Definition of SIG4 Priorities for SIGs General Assembly and Action Workplan</u></b>
<b>16:30 - 17:00</b>	<b>Coffee-Break</b>

**Central Hall**

<b>Action SIGs GENERAL ASSEMBLY</b>	
<b>17:00 - 18:30</b>	<i>Chairman: Anita Lloyd Spetz, Action Vice-Chair University of Linköping (Sweden) and Oulu University (Finland)</i>
<b>Specific Presentations from SIGs Leaders</b>	
<b>17:00 - 17:10</b>	<b>Priorities and Roadmap of SIG1: Network of Spin-offs</b> <i>Marco Alvisi, Action SIG1 Leader, ENEA, Brindisi, Italy</i>
<b>17:10 - 17:20</b>	<b>Priorities and Roadmap of SIG2: Smart Sensors for Urban Air Monitoring in Cities</b> <i>Rod Jones, Action SIG2 Leader, University of Cambridge, UK</i>
<b>17:20 - 17:30</b>	<b>Priorities and Roadmap of SIG3: Guidelines for Best Coupling Air Pollutants and Transducer</b> <i>Giorgio Sberveglieri, Action SIG3 Leader, University of Brescia, Italy</i>
<b>17:30 - 17:40</b>	<b>Priorities and Roadmap of SIG4: Expert Comments for the Revision of the Air Quality Directive (AQD)</b> <i>Thomas Kuhlbusch, Action SIG4 Leader, IUTA, Duisburg, Germany</i>
<b><u>Discussion of Action Participants:</u></b>	
<b>17:40 - 18:30</b>	<b>Comments and Inputs on Priorities, R&amp;D Needs, Strategies, Roadmap for future joint-activities of Action TD1105 EuNetAir</b> <b><u>Definition of the Action: Priorities, R&amp;D Needs, Recommendations, Roadmap</u></b>



## Central Hall

### Action TD1105 ROUND-TABLE DISCUSSIONS

18:30 - 20:00

Chairman: Michele Penza, Action Chair

Italian National Agency for New Technologies, Energy and Sustainable Economic Development – ENEA, Brindisi, Italy

### Environmental Research for Innovation to support Green-Economy in Europe

- **Wrap up and Inputs**

Michele Penza, Action Chair, ENEA, Brindisi, Italy

- **Planned Speeches from WGs and SIGs Leaders**
- **Free Comments from Action Participants**
- **Free Comments from Action Stakeholders**

Discussion of Action Participants:

Comments and Inputs on Priorities, R&D Needs, Strategies, Roadmap for future joint-activities of Action TD1105 EuNetAir

21:00

Social Dinner

## Thursday, 6 December 2012

### Action TD1105 MANAGEMENT COMMITTEE Meeting

#### Central Hall

### Action TD1105 MANAGEMENT COMMITTEE MEETING

09:00 - 13:00

Chairman: Michele Penza, Action Chair

Italian National Agency for New Technologies, Energy and Sustainable Economic Development – ENEA, Brindisi, Italy

- **DISCUSSION** (see MCM AGENDA)

13:00 - 14:30

- **Lunch offered by the Conference Organization**

14:30

- **Meeting Closing**



COST is supported by the EU Framework Programme



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**Draft Agenda**  
**Management Committee Meeting**  
**COST Action TD1105**

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

**ENEA Headquarters, Lungotevere Thaon de Revel, 76, Rome, Italy**

**6 December 2012, 9:00 - 14:30**

*To be completed by the meeting secretary and circulated to the MC, the DC Rapporteur(s) and the COST Office (Science and Administrative Officer)*

1. Welcome to participants
2. Adoption of agenda
3. Approval of minutes and matters arising of last meeting
4. Update from the Action Chair
  - a. Status of Action, including participating countries
  - b. Action budget status
  - c. STSM status and new applications
5. Promotion of gender balance and of Early Stage Researchers (ESR)  
Update from the Grant Holder
6. Update from the COST Office
7. Update from the DC Rapporteur
8. Annual Progress Conference (preparation and/or feedback from DC)
9. Follow-up of MoU objectives
  - a. Progress report of working groups
10. Scientific planning
  - a. Scientific strategy
  - b. Action Budget Planning
  - c. Long-term planning (including anticipated locations and dates of future activities)
  - d. Dissemination planning (Publications and outreach activities)
11. Requests for new members
12. Non-COST applications to the Actions
13. AOB
14. Location and date of next meeting
15. Summary of MC decisions
16. Closing