



D 9.3 – Information brochure

Project acronym: CITI-SENSE

**Project full title: Development of sensor-based Citizens' Observatory Community
for improving quality of life in cities**

EU FP7- ENV-2012

Grant Agreement No.: 308524

Start date of project: 01 October 2012

Duration: 48 Months

Project Co-ordinator: Alena Bartonova, NILU

Due date of delivery: M4

Actual date of delivery: M5

Lead Beneficiary: NILU

Lead author: Sonja Grossberndt

Controller: Alena Bartonova, Elena Turco

Access: Public

Information brochure

Dissemination is a crucial part of CITI-SENSE. In order to be able to provide project stakeholders as early as possible with information about the project, a general information brochure about CITI-SENSE has been designed (Appendix 1). It is available at the CITI-SENSE web portal and can be distributed both electronically and in printed form by each Consortium Partner individually to stakeholders and interested parties.

Appendix 1 – CITI-SENSE information brochure (as of 25. January 2013)

Project Partners

1. NILU-Norwegian Institute for Air Research, NO
2. Peter van den Hazel, NL
3. Norwegian Asthma and Allergy Association, NO
4. Technion – Israel Institute of Technology, IL
5. Czech Technical University, CZ
6. Queensland University of Technology, AU
7. AirBase Systems Ltd, IL/DE
8. CRIC-Centre de Recerca I Innovació de Catalunya, ES
9. GAC Ltd, CZ
10. IOM-Institute of Occupational Medicine, UK
11. Iritziak Batuz, ES
12. Sensing & Control Systems SL, ES
13. Alphasense Limited, UK
14. UBIMET GmbH, AT
15. U-Hopper, IT
16. CREAL – Centre for Research in Environmental Epidemiology, ES
17. Institute of Experimental Medicine, Academy of Sciences of the Czech Republic, CZ
18. Vinca Institute of Nuclear Sciences, RS
19. Jozef Stefan Institute, SI
20. Stiftelsen SINTEF, NO
21. Tecnalía – Fundacion Tecnalía Research & Innovation, ES
22. Korea Institute of Construction Technology, KR
23. University of Cambridge, UK
24. DunavNet doo Novi Sad, RS
25. Snowflake Software, UK
26. Geotech, UK
27. Obeo, NO



Overview of the geographic distribution of CITI-SENSE partner organisations (green) and the locations of the 9 case studies (red). Additional partners are from Israel, South Korea and Australia.

CITI-SENSE

Development of sensor-based Citizens' Observatory Community for improving quality of life in cities



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More information @ www.citi-sense.eu

CITI-SENSE is a Collaborative Project under EU FP7- ENV-2012, project n° 308524, with a duration of four years, beginning in October 2012. The consortium comprises of 27 partner institutions (academic/ research institutions and SMEs), with partners from Europe, South Korea and Australia and has a total budget over EUR 12,000,000.

www.citi-sense.eu



CITI-SENSE: Development of sensor based Citizen’s Observatory Community for improving quality of life in cities

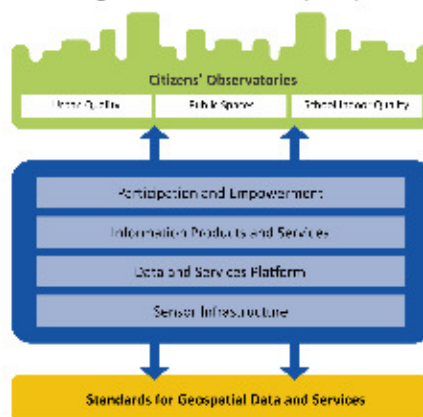
Air quality and climate change, environmental quality of public spaces in cities and indoor environment especially in schools are areas that engage most citizens and other stakeholders. Access to information varies with user group and issue. Needs for information, and engagement in the issue, also vary with user group. Sources of information vary across the issues: in some areas, many information sources can be combined to provide high quality information; for other issues, no or very little information is available.

CITI-SENSE will develop “citizens’ observatories” to empower citizens to contribute to and participate in environmental governance, to enable them to support and influence community and societal priorities and associated decision making. CITI-SENSE will develop, test, demonstrate and validate a community-based environmental monitoring and information system using innovative and novel Earth Observation applications.

The project will: (i) raise environmental awareness in citizens, (ii) raise user participation in societal environmental decisions and (iii) provide feedback on the impact that citizens had in decisions. It will address effective participation

by citizens in environmental stewardship, based on broad stakeholder and user involvement in support of both community and policy priorities. The project aims to learn from citizen experience and perception and enable citizenship co-participation in community decision making and co-operative planning.

The concept of CITI-SENSE rests on realizing the chain “sensors-platform-products-users” (Figure). The elements of this chain are: technologies for distributed monitoring (sensors); information and communication technologies (platform); information products and services (products); and citizen involvement in both monitoring and societal decisions (users).



Schematic overview of the project elements and partner involvement in CITI-SENSE

Three case studies will focus on combined environmental exposure and health associated with air quality; noise and development of public spaces, and indoor air at schools. Attention will be given to representativeness of citizen participation. The case studies will be performed in 9 locations (Barcelona, Belgrade, Edinburgh, Haifa, Ljubljana, Oslo, Ostrava, Vienna, Vitoria), and will be designed in collaboration with citizens’ groups and decision makers. They will be based on distributed data collection using innovative static, portable and personal devices (low-cost reliable microsensor packs) that communicate with data repositories through mobile phones or other devices. Development of participatory methods, data management strategies, and applications to facilitate exploitation of the data and information for policy, and society, will be done.

CITI-SENSE will operate within an open e-collaboration framework with the other proposals funded under the Sub-activity 6.5-1 of the call FP7-ENV-2012. Common methodologies and standards for data archiving, discovery and access within the GEOSS framework will be coherent with initiatives such as GEO, INSPIRE and GMES. The projects are requested to register components in the GEOSS Components and Services Registry. This will be done with the user perspective in mind and it is important that data and services are deployed so that they may be directly useful for the users of GEOSS.