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Executive Summary

This report represents the summary of all the dissemination activities performed by the CITI-SENSE partners from M1 to M24. It includes publications, participation to events, media campaigns and initiatives for the citizens' engagement.

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1 Scientific Publications

1. Sram RJ, Dostal M, Libalova H, Rossner Jr. P, Rossnerova A, Svecova V, Topinka J, and Bartonova A. 2013: The European Hot Spot of B[a]P and PM_{2.5} Exposure. The Ostrava Region, Czech Republic: Health Research Results. ISRN Public Health, 2013: 1-12.
<http://dx.doi.org/10.1155/2013/416701>
2. Carreras I, Miorandi D, Tamilin A, Ssebagala ER, Conci N. 2013. Crowd-Sensing: why Context Matters. Book of Proceeding of 2013 IEEE International Conference on Pervasive Computing and Communications Workshops (PERCOM Workshops). Page(s): 368 – 371, D.O.I.: 10.1109/PerComW.2013.6529518
3. Carreras I, Miorandi D, Tamilin A, Ssebagala ER, Conci N. 2013. Matador: Mobile Task Detector for Context-Aware Crowd-Sensing Campaigns. Book of Proceeding of 2013 IEEE International Conference on Pervasive Computing and Communications Workshops (PERCOM Workshops). Page(s): 212 – 217, D.O.I.: 10.1109/PerComW.2013.6529484
4. Jovašević-Stojanović M, Bartoňová A, Ristovski Z, Pokrić B, Krčo S, Nieuwenhuijsen M, Høiskar BA, Jones R, Berre AJ, Živković M, Stanković A, Stevanović Z. 2013. Low-cost sensor technologies as a complement to science and management of air quality. Book of Abstracts of 6th Symposium Chemistry and Environmental Protection EnviroChem 2013. The Serbian chemical society. Page(s): 46-47; http://www.envirochem2013.com/res/EC2013_Book_of_abstracts.pdf
5. Cole-Hunter T, Nieuwenhuijsen MJ, Turco E, Fernandez A, Williams M, Bartonova A. 2013. Empowering citizens to improve quality of life in urban environments; the CITI-SENSE Barcelona case study. Proceeding of ISEE 2013 Abstract Number: 4926 | ID: P-1-05-15.
6. Lahoz, WA. 2013. Air quality. Meteorological Technology International August 2013; Page(s):126-128
7. Jovašević-Stojanović M, Bartonova A, Ristovski Z, Pokrić B, Krčo S, Topalović D. 2013. Availability of small and cheap sensors for indicative citizen-based continuous monitoring of respirable particulate matter. Proceedings from the 4th WeBIOPATR Workshop & Conference; Public Health Institute of Belgrade. Pages 132-136.
http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=0CCEQFjAB&url=http%3A%2F%2Fportal.vinca.rs%2Fwebiopat%2Fmedia%2F%3Ffile%3DWeBIOPATR_AUTOR%2520INDEX_26092013.pdf&ei=hmhGVNC6NpTdavndgPAE&usg=AFQjCNFri9TuO2ghXNytXBrlMiuaaiq6YA&sig2=1YhwRvu2vBDIj31niNjag&bvm=bv.77880786,d.d2s
8. Kobernus M, Liu H-Y, Bartonova A, Berre AJ. 2013. Citizens' Observatories - a practical approach. Submitted to the ENVIP Conference
9. Broday DM, Fishbain B, Etzion Y, Levy I. 2013. Evaluation of low-cost PM sensors intended for use in a dense monitoring grid. American Association for Aerosol Research 32nd Annual Conference, Portland Oregon, September 30-October 4, 2013;
<http://aaarabstracts.com/2013/AbstractBook.pdf>
10. Turco E. 2013. From sensors to citizens or City in motion. From Smart City to smart business - CTecno Smart City Working Group - Annex Smart Cities; Page: 52; http://www.ctecno.cat/estudi-de-la-ciutat-intel%2%80%A2ligent-als-negocis-intel%2%80%A2ligents-novembre-2013/?goback=%2Egde_3712497_member_5808515820149575683#%21

11. Castell N, Kobernus M, Liu H-Y, Schneider P, Lahoz W, Berre AJ, Noll J. 2014. Mobile technologies and services for environmental monitoring: the CITI-SENSE-MOB approach. Urban Climate, D.O.I.: 10.1016/j.uclim.2014.08.002
12. Jirovsky V. 2014. Safety, Security and Privacy in Environmental Monitoring Systems. Czech Technical University in Prague, Faculty of Transportation Sciences, Department of Security Technologies and Engineering. ISBN: 8001054780, 9788001054789
13. Jovasevic-Stojanovic M, Bartonova A et al. 2014. On the use of small and cheap sensors for indicative citizen-based monitoring of respirable particulate matter. Chemical Industry and Chemical Engineering Quarterly <http://www.ache.org.rs/CICEQ/CI&CEQ.html>
14. Robinson J, Kocman D, Smolnikar M, Mohorcic M, Horvat M. 2014. Empowerment in practice - insights from CITI-SENSE project in Ljubljana. Geophysical Research Abstracts Vol. 16, EGU General Assembly, EGU2014-5458-1, 2014
15. Lahoz W, Schneider P. 2014. Data Assimilation: Making Sense of Earth Observation. Frontiers, Section of Atmospheric Science, 2:1-28. D.O.I. 10.3389/fenvs.2014.00016
16. Engelken-Jorge M, Moreno J, Keune H, Verheyden W, Bartonova A, CITI-SENSE consortium. 2014. Developing Citizens' Observatories for Environmental Monitoring and Citizen Empowerment: Challenges and Future Scenarios. Paper for CeDEM 14 (International conference of E-Democracia and Open Government) <http://www.donau-uni.ac.at/en/departement/gpa/telematik/edemocracy-conference/edem/vid/19486/index.php?URL=/en/departement/gpa/edemocracy-conference/19486> on May 2014
17. Lahoz W, Schneider, P. 2014. Toward Assimilation of Crowdsourcing Data using the EnKF; Proceeding of the Ensemble Kalman filter (EnKF) workshop (<http://enkf.iris.no/>)
18. Pokric B, Krco S, Pokric M. 2014. Smart City Services for Environmental Monitoring and Public Transport. In: Internet of Things Success Stories, European Research Cluster on the Internet of Things (<https://www.smart-action.eu/fileadmin/smart-action/publications/IoT>)
19. Cole-Hunter T, Donaire D, Kubesch N, Martínez D, Weichenthal S, Williams M, Saffel J, Nieuwenhuijsen M, Bartonova A and the CITI-SENSE Consortium. 2014. Ambulatory Air Quality Monitoring in Free-Living Populations: the CITI-SENSE Barcelona Pilot Case Study. Proceeding of ISEE 2014 Abstract Number : 1672 | ID: P3-795
20. On the feasibility of measuring air pollution by wireless distributed sensor nodes; Authors: Moltchanov S., Levy I., Etzion Y., Lerner U., Broday D.M., Fishbain B; Pub MedSci Total Environ. 2014 Oct 6;502C; Page(s): 537-547; D.O.I.: 10.1016/j.scitotenv.2014.09.059
21. Liu HY, Kobernus M, Broday, D, Bartonova A. 2014. A conceptual approach to a citizens' observatory – Supporting community-based environmental governance. Environmental Health. *Submitted*

2 Events

1. Press Conference AS-CR; Prague; 26/10/2012; Attending partners: GAC, IEM, NILU and CREAL; Targeted audience: Scientific community; Contribution: Oral presentation
2. Soundscape workshop "Heritage for the Urban Futures, Soundscape" COST ACTION: Soundscape in European Cities and Landscape; Vitoria-Gasteiz (Spain); 19-20/11/2012; Attending partners: TECNALIA; Targeted audience: Soundscape scientific community; Contribution: Oral presentation
3. European Symposium (<http://www.euocities.eu/euocities/events/Prevention-and-management-of-noise-in-the-city-Overview-of-good-practices-in-European-cities->); Bruitparif, the Noise Observatory of the Ile-de-France region Paris; 29/11/2012; Attending partners: TECNALIA; Targeted audience: Citizen Associations, municipalities and policy makers; Contribution: Oral presentation
4. Annual Meeting of the Environment and Health Fund, Israel; 31/12/2012; Attending partners: Technion; Targeted audience: Scientific community; Contribution: Oral presentation
5. Citizens' Observatory coordination Workshop (Figure 1); Brussels; 29-30/01/2013; Attending partners: CITI-SENSE WP Leaders, Location Officers, other partners; Targeted audience: Sister projects (coordinators and partners) and EC; Contribution: Oral presentation and flyer distribution



Figure 1 CITI-SENSE presentation at the Citizens' Observatory Workshop

6. Mobile World Congress (www.mobileworldcongress.com); Barcelona; 25-28/02/2013; Attending partners: S&C, DUNAVNET & UBIMET; Targeted audience: Industries; Contribution: stand with business purpose, flyer distribution and project description to attendees
7. Environmental HEALTH; Boston (USA); 04/03/2013; Attending partners: IEM; Targeted audience: Scientific community; Contribution: Oral presentation
8. AirMonTech FP7 Project COST ACTION: "European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability - EuNetAir"; Duisburg; 4-6/03/2013; Attending partners: NILU; Targeted audience: Scientific community and similar 7FP projects; Contribution: Oral presentation

9. 1st Eye-on-Earth User Conference (<http://www.eyeonearth.org/en-us/Pages/Home.aspx>); Dublin; 4-6/03/2013; Attending partners: NILU; Targeted audience: Environmental community, end-users representatives and policy makers; Contribution: Oral presentation
10. Technical Committee of the Open Geospatial Consortium meeting; Abu Dhabi; 18-21/03/2013; Attending partners: NILU; Targeted audience: OGC, GEOSS and scientific communities; Contribution: attendance
11. Air sensors 2013: Data quality & applications (<https://sites.google.com/site/airsensors2013/home>); US Environmental Protection Agency U.S. EPA, Research Triangle Park, NC and via webinar; 20/03/2013; Attending partners: NILU; Targeted audience: open to everybody; Contribution: abstract submission and oral presentation
12. Scientific Support to the Danube Strategy; Joint Research Centre Ispra; 22/03/2013; Attending partners: IEM; Targeted audience: Scientific community; Contribution: attendance
13. Open Geospatial Consortium Technical Meeting; Abu Dhabi; 25/03/2013; Attending partners: NILU; Targeted audience: Scientific community; Contribution: Oral presentation
14. CEN/TC287 Workshop; Oslo; 10/04/2013; Attending partners: NILU; Targeted audience: Industry; Contribution: Oral presentation
15. GEO European Projects' Workshop (GEPW7) (<http://gepw7.geoviqua.cat/>); CREAM (Centre for Ecological Research and Forestry Applications) of the Universitat Autònoma of Barcelona (UAB) Barcelona; 15-16/04/2013; Attending partners: CRIC; Targeted audience: Scientific community; Contribution: attendance
16. Event in Bratislava, Slovakia; 15/05/2013; Attending partners: IEM; Targeted audience: Scientific community; Contribution: Oral presentation (PAHs exposure in Ostrava Region, CITI-SENSE project)
17. Event COST Action TD1202 Mapping and the Citizen Sensor; Nottingham; 19/04/2013; Attending partners: NILU; Targeted audience: COST participants; Contribution: Oral presentation
18. EnviroChem2013 (<http://www.envirochem2013.com/index-en.html>); Vrsac, Serbia; 21-24/05/2013; Attending partners: VINCA, NILU; Targeted audience: Scientific community; Contribution: Paper submission and oral presentation
19. Event in Czech Republic; 06/06/2013; Attending partners: IEM; Targeted audience: Scientific community; Contribution: Oral presentation (The effects of air pollution to children health in the Czech Republic)
20. Green Week 2013 Conference and Exhibition (Figure 2) (<http://www.greenweek2013.eu/>); Brussels; 4-7/06/2013; Attending partners: NILU, DNET, NAAF; Targeted audience: EC, Sisters projects, Policy makers and stakeholders; Contribution: abstract/paper submission; oral presentation, poster show; flyer/newsletter distribution; demo and stand with sensors and QR code questionnaires



Figure 2 CITI-SENSE stand at Green Week 2013

21. International Conference on Policy Making 2.0 (<https://crossover-project.eventbrite.co.uk/>); Dublin; 17-18/06/2013; Attending partners: IBATUZ; Targeted audience: EU project linked to Policy Making topics; Contribution: Attendance
22. INSPIRE Conference (http://inspire.jrc.ec.europa.eu/events/conferences/inspire_2013/); Joint Research Centre, Florence; 23-27/06/2013; Attending partners: Snowflake, SINTEF, NILU; Targeted audience: Scientific community; Contribution: Oral presentation and stand
23. Event at the Summer Institute of Advanced Epidemiology and Preventive Medicine, Sackler Faculty of Medicine, School of Public Health; Tel Aviv; July 2013; Attending partners: Technion; Targeted audience: Scientific community; Contribution: Oral presentation
24. Event in Boulder, USA; 01/08/2013; Attending partners: NILU; Targeted audience: Research scientists; Contribution: Mention of CITI-SENSE in a general presentation on data assimilation - available in streaming
25. Conference Environment and Health – ISEE, ISES-ISIAQ 2013 (<http://www.ehbasel13.org/>); Basel; 19-23/08/2013; Attending partners: NILU, CREAL, Technion, IEM; Targeted audience: Scientific community; Contribution: Papers submission, Oral presentation and poster show
26. COST Action TD1202 Mapping and the Citizen Sensor; Dresden; 27/08/2013; Attending partners: NILU; Targeted audience: Scientific community; Contribution: Oral presentation
27. CFP:RGS-IBG Annual International Conference (<http://www.scrg.org/2013/01/call-for-papers-participatory-science-understanding-what-motivates-and-sustains-participation-in-science/>); London; 28-30/08/2013; Attending partners: IBATUZ; Targeted audience: Scientific community; Contribution: attendance
28. 8th Summer School on Applications of IoT and Wireless Sensor Networks (<http://www.senzations.net>); Palic (Serbia); 2-6/09/2013; Attending partners: DNET; Targeted audience: Scientific community; Contribution: attendance
29. ENVIROINFO 2013 (<http://www.enviroinfo2013.org/>); Hamburg; 2-4/9/2013; Attending partners: UBIMET; Targeted audience: Environmental Informatics community; Contribution: attendance

30. 14th EANN Conference - 4th Intelligent Systems for Quality of Life information Services Workshop (ISQL 2013) (http://delab.csd.auth.gr/eann2013/workshops.php?workshop_id=1); Halkidiki, Greece; 13-16/09/2013; Attending partners: NILU; Targeted audience: Scientific community; Contribution: attendance
31. AAAR Special Symposium "Portable and Inexpensive Sensor Technology for Air Quality Monitoring: The Future is Now" (<http://2013.aaar.org>); Portland, USA; 30/09-04/10/2013; Attending partners: TECHNION; Targeted audience: Scientific community; Contribution: attendance
32. COST Action TD1105 - EEA Meeting; Copenhagen; 04/10/2013; Attending partners: NILU; Targeted audience: Scientific community; Contribution: Oral presentation
33. WeBIOPATR workshop (<http://www.vinca.rs/webiopatr/>); Belgrade; 2-4/10/2013; Attending partners: NILU, VINCA, IEM; Targeted audience: Scientific community; Contribution: Oral presentations
34. ISSES 2013 (Envip Workshop) (<http://www.isess2013.org/index.php?pg=homeAIT>); Neusiedl am See (Austria); 9-11/10/2013; Attending partners: UBIMET, SINTEF, NILU; Targeted audience: Environmental Informatics community; Contribution: attendance
35. European Citizen Science Association ECSA Autumn Citizen Science Workshop; Brussels; 22-23/10/2013; Attending partners: NILU; Targeted audience: Social scientists; Contribution: attendance
36. Citizens' Observatories Projects Coordination meeting; Brussels; 24/10/2013; Attending partners: NILU, S&C; Targeted audience: Sister projects (coordinators and partners) and EC; Contribution: Oral presentation, Flyer and Newsletter distribution
37. GITEX TECHNOLOGY WEEK (<http://www.gitex.com/>); Dubai; 20-24/10/2013; Attending partners: DNET; Targeted audience: Industries; Contribution: stand
38. European Citizen Science Association (ECSA) and participatory-science projects meetings; Brussels; 26/10/2013; Attending partners: NILU; Targeted audience: Social scientists; Contribution: poster show and flyer distribution
39. Ciens Frokost Seminar; Oslo; 31/10/2013; Attending partners: NILU; Targeted audience: Scientific community; Contribution: Oral presentation
40. ICT 2013 (<http://ec.europa.eu/digital-agenda/en/ict-2013>); Vilnius; 6-8/11/2013; Attending partners: S&C; Targeted audience: ICT community and EC projects; Contribution: stand for another EU project, flyer distribution and oral description to attendees
41. Living Bits and Things 2013 (<http://www.livingbitsandthings.com/lbt13/2013/1>); Bled (Slovenja); 12-13/11/2013; Attending partners: JSI; Targeted audience: Scientists and industries; Contribution: attendance
42. Design biotope. How to link business and design workshop; Ljubljana, Slovenia. 21/11/2013; Attending partners: JSI. Contribution: Attendance
43. Smart City Expo World Congress (<http://www.smartcityexpo.com/en/event>); Barcelona; 19-21/11/13; Attending partners: CREAL, TECNALIA, S&C; Targeted audience: Scientific community, Citizen Associations, municipalities and policy makers; Contribution: paper submission

44. 7th International INCHES Conference (<http://www.inchesnetwork.net/>); Jerusalem; 20-22/11/2013; Attending partners: PVDH; Targeted audience: Health professionals, scientists and policy makers; Contribution: organizer
45. European Symposium on Acoustic Comfort in Urban Design; Bilbao (Spain); 27-28/11/2013; Attending partners: TECNALIA; Targeted audience: Urban design community; Contribution: attendance
46. COST Action TD1105 - New Sensing Technologies for Air-Pollution Control and Environmental Sustainability; Cambridge (UK); 19/12/2013; Attending partners: VINCA; Targeted audience: Scientific community; Contribution: attendance
47. GEO-X Summit - 6th call for GEOSS Architecture Integration Pilots (GEOSS AIP-6) (<http://twiki.grumets.uab.es/twiki/bin/view/AIP6/AIP6Showcare>); Geneva; 17/01/2014; Attending partners: NILU, SINTEF; Targeted audience: GEOSS community and policy makers; Contribution: Oral presentation, poster show, flyer/newsletter distribution, demo and stand showing the video provided by the EC about the Citizens' Observatory projects (Figure 3)



Figure 3 EC Corner at the GEO-X event

48. Citizens Science and Smart Cities Summit; Ispra (Italy); 5-7/02/2014; Attending partners: NILU; Targeted audience: Scientific community, sister projects and similar initiatives; Contribution: Oral presentation
49. Geospatial/Environmental Big Data Value Partnership Workshop; Brussels; 19/02/2014; Attending partners: SINTEF; Targeted audience: GEOSS, ICT community; Contribution: co-organizer
50. 3rd Citizen Cyberscience Summit and EveryAware Final event (<http://cybersciencesummit.org/>); London; 20-22/02/2014; Attending partners: NILU; Targeted audience: scientific community, sister projects and similar initiatives; Contribution: paper submission and oral presentation
51. Mobile World Congress (<http://www.mobileworldcongress.com/>); Barcelona; 24-27/02/2014; Attending partners: S&C; Targeted audience: ICT scientists and industry; Contribution: flyer distribution

52. IEEE World Forum on Internet of Things 2014(<http://sites.ieee.org/wf-iot/>); Seoul, South Korea; 6-8/03/2014; Attending partners: JSI; Targeted audience: Scientists; Contribution: attendance
53. CeBIT 2014 (<http://www.cebit.de>); Hannover; 10-14/03/2014; Attending partners: S&C; Targeted audience: ICT scientists and industry; Contribution: flyer distribution
54. European Data Forum 2014 (<http://2014.data-forum.eu/>); Athens; 19-20/03/2014; Attending partners: SINTEF; Targeted audience: ICT scientists; Contribution: attendance
55. Event in Brindisi (Italy); 25/03/2014; Attending partners: NILU; Targeted audience: Scientific community; Contribution: Oral presentation (Can low-cost air quality sensors help citizens to create Smart Cities?)
56. 9th International Conference on Air Quality - Science and Application (<http://airqualityconference.org/>); Garmisch-Partenkirchen (Germany); 24-28/03/2014; Attending partners: UBIMET, NILU; Targeted audience: Scientists and other stakeholders from the air pollution, climate change, policy and health communities; Contribution: attendance
57. Networking Event for Open and Linked Data'; Seoul, South Korea; 08/04/2014; Attending partners: KICT and Saltlux; Targeted audience: Semantic technologies researchers; Contribution: Oral presentation
58. EGU General Assembly 2014 (<http://meetingorganizer.copernicus.org/EGU2014/sessionprogrammeEGU>); Vienna; 27/04/2014 - 2/05/2014; Attending partners: UBIMET, NILU, JSI; Targeted audience: Geoscience Community; Contribution: paper submission, oral presentation and poster show
59. GEO Work Plan Symposium; Geneva; 28-30/04/2014; Attending partners: NILU; Targeted audience: GEOSS community and policy makers; Contribution: Oral presentation
60. KAGIS Conference; 01/05/14; Attending partners: KICT, Saltlux; Targeted audience: Scientific community; Contribution: attendance
61. TCEEH – Technion Student Organization Air Pollution Talks EDucation (TED-like) Event (<http://tceeh.technion.ac.il/TCEEH/Templates/ShowPage.asp?DBID=1&LNGID=1&TMID=302&FID=1113>); Haifa; 19/05/14; Attending partners: Technion, CREAL; Targeted audience: Students, Researchers, Scientific Community; Contribution: Oral presentation and video show
62. M2M Forum (<http://www.m2mforum.it/eng/>); Milan; 20/05/14; Attending partners: S&C; Targeted audience: ICT scientists and industry; Contribution: flyer distribution and oral project description to attendees
63. Conference for E-Democracy and Open Government CeDEM14 (<http://www.donau-uni.ac.at/en/departement/gpa/telematik/edemocracy-conference/edem/vid/19486/index.php?URL=/en/departement/gpa/edemocracy-conference/19486>); Krems (Austria); 21-23/05/2014; Attending partners: IBATUZ; Targeted audience: Social scientists and policy makers; Contribution: paper submission
64. COST Action TD1202 Meeting at the 17th AGILE Conference on Geographic Information Science (http://www.cost.eu/domains_actions/ict/Actions/TD1202); Castellón, Spain; 3-6/06/2014; Attending partners: NILU; Targeted audience: Scientists; Contribution: flyer distribution
65. Save the Date: Air Sensors 2014 workshop (<https://sites.google.com/site/airsensors2014/home>); EPA North Carolina; 9-10/06/2014; Attending partners: Alphasense, NILU; Targeted audience: Scientists; Contribution: Paper submission and oral presentation

66. Barcelona Citizen Science Day (http://festivalcti.bcn.cat/ciudadana_post/jornada-barcelona-citizen-day/); Barcelona; 11/06/14; Attending partners: CREAL; Targeted audience: Researchers, Students, Science Communicators and anyone interested in Citizen Science; Contribution: Oral presentation
67. VIII GEO European Projects Workshop (http://www.eubon.eu/news/10731_VIII%20GEO%20European%20Projects%20Workshop%20%28Athens,%20Greece%29); Athens; 12-13/06/2014; Attending partners: SINTEF, ATEKNEA; Targeted audience: ICT experts; Contribution: Oral presentation and poster show
68. 8th International Congress on Environmental Modelling and Software (iEMSS) (<http://www.iemss.org/sites/iemss2014/>); San Diego, California, USA; 15-19/06/2014; Attending partners: SINTEF; Targeted audience: ICT scientists; Contribution: attendance
69. 8th international symposium on air monitoring and biomonitoring (<http://www.atoutcom.com/airmon2014/>); Marseille (France); 15-19/06/2014; Attending partners: TECHNION; Targeted audience: Scientists and other stakeholders from the air pollution and health communities; Contribution: attendance
70. Conference on Aerosol Technology 2014 (<http://www.gaef.de/AT2014/>); Karlsruhe; 16-18/06/2014; Attending partners: TECHNION; Targeted audience: Scientists; Contribution: attendance
71. Renewable Energy Research Conference (RERC) 2014 (<http://www.uioenergi.uio.no/english/about/news-and-events/events/uioenergy-events/2014/merc/index.html>); Oslo; 16-18/06/2014; Attending partners: NILU; Targeted audience: Scientists; Contribution: Abstract submission and oral presentation
72. 41° Convegno Nazionale dell'Associazione Italiana di Acustica (<http://www.acustica-aiia.eu/eventi/Pisa2014> University of Pisa); Pisa; 17-19/06/2014; Attending partners: TECNALIA; Targeted audience: Scientist; Contribution: abstract submission and oral presentation
73. INPIRE 2014 (http://inspire.ec.europa.eu/events/conferences/inspire_2014/EC); Aalborg (Denmark); 17/06/14; Attending partners: NILU; Targeted audience: Scientific community; Contribution: Oral presentation
74. IoT week 2014 (<http://www.iot-week.eu/>); London; 16-20/06/2014; Attending partners: DNET, SINTEF; Targeted audience: ICT scientists and industry; Contribution: workshop organization
75. The Eighth International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2014), Extending Seamlessly to the Internet of Things (esIoT) (<http://voyager.ce.fit.ac.jp/conf/imis/2014/workshops.html>); Birmingham (UK); 2-4/07/2014; Attending partners: DNET and VINCA; Targeted audience: IoT community; Contribution: Paper submission "ekoNET - Environmental Monitoring using Low-cost Electrochemical Gas Sensor"
76. AGIT EXPO; Salzburg; 8-10/07/2014; Attending partners: UBIMET; Targeted audience: GIS Community; Contribution: poster show
77. ISEE 2014 (<http://depts.washington.edu/uwconf/isee2014/>); Seattle/Washington/USA; 24-28/08/2014; Attending partners: NILU, IOM, CREAL; Targeted audience: Scientists and other stakeholders from the air pollution and health communities; Contribution: Papers submission and oral presentation

78. 28th International Conference on Informatics for Environmental Protection (<http://www.enviroinfo2014.org/>); Oldenburg (Germany); 10-12/09/2014; Attending partners: SINTEF; Targeted audience: ICT Scientists; Contribution: attendance
79. International workshop on Metrology for Meteorology and Climate (<http://www.mmc-2014.org/images/documents/MMC2014-BoA.pdf>); Brdo (Slovenia); 15-18/09/2014; Attending partner: JSI; Targeted audience: Scientific community; Contribution: abstract submission "Urban air quality monitoring — insights from the CITI-SENSE project. Authors: JSI; Kocman David, Robinson Johanna, Mohorčič Mihael, Smolnikar Miha and Horvat Milena" and oral presentation
80. IGAC 2014 (<http://igac-icacgp2014.org/>); Natal, Brazil; 22-26/09/2014; Attending partners: NILU; Targeted audience: Scientists, including air quality experts; Contribution: attendance
81. Omniscentis final event (<http://www.omniscientis.eu/newParticipant.php>); Brussels; 23/09/2014; Attending partners: INBO; Targeted audience: Citizens Observatories projects; Contribution: attendance

3 Press and Media campaign

1. "CITI-SENSE another INSPIRE related project" (<http://inspire-forum.jrc.ec.europa.eu/pg/news/admin/read/98236/citisense-another-inspire-related-project>); 25/10/2012; Partners involved: NILU; Targeted public: Members of INSPIRE Forum; Visibility level: Europe
2. Interview for the Czech national channel CT24.cz "Do svetoveho projektu CITI-SENSE se zapoji i Ostrava/Ostrava to join the world-wide CITI-SENSE project" (<http://www.ceskatelevize.cz/ct24/regiony/200813-do-svetoveho-projektu-city-sense-se-zapoji-i-ostrava/>); 24/10/2012; Partners involved: NILU, IEM, CVUT, GAC. Targeted public: General public; Visibility level: Czech Republic
3. Interview for the Mladá fronta DNES "Barcelona, Oslo, Ostrava... Unikátní projekt měří smog/Barcelona, Oslo, Ostrava – A unique project assesses smog" (<http://archiv.newton.cz/mf/2012/10/25/5455c807f5a345fd41907e2b752f62b8.asp>); 25/10/2012; Partners involved: NILU, IEM, GAC, CVUT. Targeted public: General public; Visibility level: Czech Republic
4. Interview for the Internet newspaper Ceskenoviny.cz "Ostravané budou sami monitorovat životní prostředí/Ostravites themselves may monitor smog" (<http://www.ceskenoviny.cz/ekologie/zpravy/ostrovane-budou-sami-monitorovat-zivotniprostredi/856955>); 24/10/2012; Partners involved: NILU; Targeted public: General public; Visibility level: Czech Republic
5. Interview for The Jerusalem Post "Haifa to join European air monitoring project" (<http://www.jpost.com/LandedPages/PrintArticle.aspx?id=290367>); 04/11/2012; Partners involved: Technion and AirBase; Targeted public: General public; Visibility level: Worldwide
6. Interview for the nrg newspaper "Civil Observation: How polluted is city of Haifa?" (<http://www.nrg.co.il/online/1/ART2/412/818.html?snopcmdt=1>); 12/10/2012; Partners involved: Technion; Targeted public: General public; Visibility level: Israel
7. Post at Technion website (http://www1.technion.ac.il/_local/includes/blocks/news-items/121031-nitur/news-item-en.htm); 31/10/2012; Partners involved: Technion; Visibility level: Israel
8. Post at CREAL website (http://www.creal.cat/en_noticies/view.php?ID=176); 29/10/2012; Partners involved: CREAL; Visibility level: Spain
9. Post at CERCA website (Institució Centres de Recerca de Catalunya)(http://cerca.cat/el-creal-participa-en-el-nou-projecte-de-la-ue-citi-sense-que-preten-implicar-els-ciutadans-en-les-decisions-ambientals/?utm_source=rss&utm_medium=rss&utm_campaign=el-creal-participa-en-el-nou-projecte-de-la-ue-citi-sense-que-preten-implicar-els-ciutadans-en-les-decisions-ambientals); 29/10/2012; Partners involved: CREAL; Visibility level: Catalunya
10. Interview for an article in Ecology and Environment (Hebrew); 22/11/2012; Partners involved: Technion; Targeted public: Subscribers; Visibility level: Israel
11. Articles published in the popular press "Air quality" London; 31/08/2013; Partners involved: NILU; Targeted public: Scientific community; Visibility level: 10000 – Worldwide
12. TV clips "Gradjani kontrolišu ekološke parametre u svom okruženju" (<http://www.mreza.rs/evronet/previous-episodes/Zivotna-sredina/47685/gradjani-kontrolisu>)

- [ekoloske-par](#)); 26/06/2013; Partners involved: VINCA; Targeted public: General public; Visibility level: Serbia
13. Interviews and video for the Program 2 of Serbian National Broadcast (<mms://rts.videostreaming.rs/rts>); 29/09/2013; Partners involved: VINCA; Targeted public: Serbian national tv channel; Visibility level: Serbia
 14. Video provided by EC and European Service Network – ESN (<http://www.citizen-obs.eu/>); 20/01/2014; Partners involved: CREAL and ATEKNEA; Targeted public: Restricted target groups (EC, sister projects) and then published during the GEO event; Visibility level: Worldwide
 15. News for CREAL website (http://www.creal.cat/en_noticies/view.php?ID=282 + http://www.creal.cat/programes-recerca/en_projectes-creal/130/citi-sense-development-of-sensor-based-citizens%E2%80%99-observatory-community-for-improving-quality-of-life-in-cities?prog=3); 30/01/2014; Partners involved: CREAL
 16. LinkedIn group on Citizens' Observatories (http://www.linkedin.com/groups/Citizens-observatories-5164755?trk=my_groups-b-grp-v); Partners involved: NILU; Targeted audience: Restricted target groups (EC, sister projects, GEOSS experts); Visibility level: Worldwide
 17. Facebook group on Citizens' Observatories (<https://www.facebook.com/int.cit.obs?filter=1>); Partners involved: NILU; Targeted public: General public; Visibility level: Worldwide
 18. Video broadcast to Norwegian Broadcast Company (NRK) (<http://tv.nrk.no/serie/kveldsnytt/NNFA23020914/09-02-2014#t=4m18s>); 06/02/2014; Partners involved: SINTEF; Targeted public: General public; Visibility level: Norway
 19. Article published online on the The Barcelona Institute for Global Health, ISGlobal website ("Do We Need to 'Make More Noise' About Air Pollution and Health in Our Daily Environments?") (http://www.isglobal.org/en/healthisglobal/-/custom-blog-portlet/2462952?p_r_p_564233524_userId=90253&p_r_p_564233524_h1h2m=2001); 02/04/2014; Partners involved: CREAL; Targeted public: Health experts ; Visibility level: Barcelona and worldwide
 20. Press release and radio interview during the CITI-SENSE meeting in Bilbao (La razon, Wordpress, Residuosprofessional.com, diario de noticias de alava, Onda Vasca Euskadi, Radio Euskadi); 16/05/2014; Partners involved: TECNALIA; Targeted public: General public; Visibility level: Spain
 21. Website and social media; 09/06/2014; Partners involved: ATEKNEA; Targeted public: Civil society; Visibility level: Barcelona (through Ateknea's social networks)
 22. Article published online on the The Barcelona Institute for Global Health, ISGlobal website ("Citizen Science: One for Science and Science for All") (http://www.isglobal.org/en/healthisglobal/-/custom-blog-portlet/2462952?p_r_p_564233524_userId=90253&p_r_p_564233524_h1h2m=2001); 21/07/2014; Partners involved: CREAL; Targeted public: Health experts; Visibility level: Barcelona and worldwide

4 Engagement initiatives

1. Exchanging information and experience in the area of stakeholder engagement, public perceptions and dissemination; Participants: Technion (Haifa officer), WP leader and the city of Haifa coordinator of sustainability programmes, FP7 project IDREEM; Location: Haifa; 27/11/2012
2. Discussion about CITI-SENSE and possible co-operation; Participants: IOM (Edinburgh officer), two lead people from an organization of conservation/environment volunteers; Location: Edinburgh; before Christmas 2012
3. Possible collaboration to build upon the base of 'In The Air' initiative; Participants: CREAL (Barcelona officer) and James Brazil of the urbanAir Bureau; Location: Barcelona; February 2013
4. Introducing CITISENSE at an informal workshop in the 'Maker's Space' of Barcelona; Participants: CREAL (Barcelona officer) and a mixed group of people representing different (but similar) initiatives; Location: Barcelona; February 2013
5. Introducing CITI-SENSE to wide array of companies including Microsoft; Participants: NILU and various companies providing technical services in the arena of telecom and Internet provision; Location: Oslo; June 2013
6. Provide link from other project sites to the CITI-SENSE project; Participants: NILU and other similar projects having some relevance due to technology; Location: Oslo; October 2013
7. Presenting CITI-SENSE project; Participants: CREAL and CIEMAT-CISOT (Centre d'Investigació Socio Tècnica); Location: Barcelona; 19/11/2013
8. Presentation of CITI-SENSE; Participants: IEM and Ostrava Radvanice and Bartovice citizens and NGOs; Ostrava; 20/11/2013
9. Demo of Civic flow and something related to wp5. A poster on CITI-SENSE related aspects was presented during the Graduate student seminar (GSS) on exposure and environmental health; Participants: Technion, PVDH, 40 participants; Location: Haifa; 24/11/2013
10. Presentation of CITISENSE; Participants: JSI and "Vič" high school; Location: Ljubljana; 03/12/2013
11. Talk on Air Quality Citizen Observatory at the meeting on crowd science in medicine; Participants: Technion, educational people, MDs and physicians, general interested people and social media expert; Location: Haifa; 12/12/2013
12. Presentation of CITISENSE; Participants: JSI and officials at Municipality of Ljubljana; Location: Ljubljana; 19/12/2013
13. Presentation of CITISENSE; Participants: JSI and the Slovenian Environmental Agency; Location: Ljubljana; 09/01/2014
14. 8th Young Researchers day CMBE; Publication of "Air quality monitoring in Ljubljana through citizen science project." Program and abstract book, p. 52; Participants: JSI and Ljubljana researchers (200 attendees); Location: Ljubljana; 18/02/2014

15. JSI open day event (Figure 4) - Presenting CITI-SENSE project and engaging groups of visitors of various kinds from retirement home groups to school children as well as individual families, all enjoying the science oriented day. The day provided a great opportunity to get among people and spread the word out about CITI-SENSE project at the local ground; Participants: JSI, overall over five hundred people visited the event; Location: Ljubljana; March 2014



Figure 4 A group of primary school children visiting the CITI-SENSE promotion stand in Ljubljana, March 2014.

16. Presentation of CITISENSE; Participants: JSI and "Vodmat" elementary school; Location: Ljubljana; 18/04/2014
17. VINCA Institute Open day; Participants: VINCA and 400 people attending; Location: Belgrade; 08/05/2014
18. Give an open talk "The future is here – information technologies for engagement of the public in air quality monitoring", planning to "recruit" volunteers for placing the nodes in the full deployment; Participants: Technion and general public that came to drink beer in the neighborhood pub where we plan to do the full deployment; Location: Haifa; 07/07/2014
19. An outdoor event, Nature day (Figure 5), some 50 children got to know air quality issues through various activities; Participants: JSI and 6-7 years old primary school children; Location: Ljubljana; July 2014



Figure 5 Nature Day in Ljubljana

20. Initiative from an existing satellite project (PASTA) - Start to brainstorm ideas for the engagement; IBATUZ helped to create a survey asking residents to provide thoughts on air quality (of which the response go into the street art installation of uAbureau); Participants: CREAL, IBATUZ and residents; Location: Barcelona; 16/09/2014
21. Researchers' night (Figure 6) in Ljubljana. Outdoor Science Fair in the city center to engage young people and their parents. CITI-SENSE was disseminated by showing mobile units and giving out leaflets and business cards. Participants: JSI and general public. Location: Ljubljana; 26/09/2014



Figure 6 *Researchers' night in Ljubljana*

22. Science fair in Oslo (Figure 7). Static and mobile sensors were explored and through applications for internet and smartphones their measuring data were visible; Participants: NILU and general public including a volunteer available to carry a mobile sensor during the Oslo marathon and the national broadcast collecting material for a documentary; Location: Oslo; 26/09/2014



Figure 7 *Science Fair in Oslo*