D8.1 First Dissemination Package

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Executive Summary

This document provides an overview of the communication and dissemination activities conducted by the INSIGHT project during the period 1st October 2013 - 30th September 2014. The purpose of this report is to consolidate in a single document a list of all papers published, conferences attended, workshops carried out and other dissemination activities conducted by the INSIGHT partners in order to communicate and disseminate the project results to the European research community and other relevant stakeholders.

During this first year, the project has produces two scientific papers sent to peer-reviewed journals, and eleven conference papers and/or talks. All the publications produced by the project can be consulted at the project website (www.insight-fp7.eu). Additionally, INSIGHT has co-organised CitiNet 2014, a satellite workshop on urban systems at the European Conference on Complex Systems.

Other channels of communications have been established from the beginning of the project. These include the project website and the presence of the project in the social networks. These channels help reach a wider audience than conferences and raise the awareness of the key stakeholders on the results of the project. Both the website and the LinkedIn Group are periodically updated with news related to the project.

1. Introduction

1.1   Scope and objectives

The aim of this document is to list and describe the different communication and dissemination activities carried out in the INSIGHT project during the first year of the project (from 1st October 2013 to 30th September 2014).

1.2   Description of contents

The document is organised as follows:

- Section 2 describes the project website, which provides a unique point of entry to the activities and results of the INSIGHT project;
- Section 3 summarises the publications produced by the project.
- Section 4 describes the participation of project partners in conferences and workshops.
- Section 5 describes other communication and dissemination actions, namely the dissemination of the project results through social networks.

2. Project website

A project website (www.insight-fp7.eu) was created at the beginning of the project, to provide a unique point of entry to the activities and results of the INSIGHT project to the research community, practitioners, policy makers and general public.

As of 30 September 2014, the website has had 1364 visits and 923 different visitors from 69 different countries: Spain, UK, Brazil, Italy, Germany, Netherlands, US, France, Belgium, Greece, Ireland, Mexico, Portugal, Austria, Sweden, Switzerland, Denmark, Israel, Colombia, Croatia, India, Romania, Indonesia, Malta, Philippines, Serbia, Singapore, China, South Korea, Slovakia, Turkey, Chile, Nigeria, Poland, Saudi Arabia, Argentina, Australia, Czech Republic, Hungary, Ecuador, Georgia, Hungary, Japan, Luxembourg, Malaysia, Norway, Peru, Thailand, Taiwan, Algeria, Belarus, Bosnia and Herzegovina, Bulgaria, Canada, Estonia, Egypt, Finland, Kazakhstan, Lithuania, Macedonia, Moldova, Mongolia, Mozambique, New Zealand, Panama, Qatar, Tunisia, Uruguay, Vietnam

The website is monitored by means of Google Analytics, so that statistics can be easily obtained and analysed to improve the website content.

Several expressions of interest have been received from people who knew about the project from the website.

3. Publications

3.1 INSIGHT Position Paper

The INSIGHT Position Paper, 'Policy Modelling and Governance Tools for Sustainable Urban Development. State-of-the-art and future challenges' provides a description of the project: problem statement, project objectives, and scientific/technical approach. This Position Paper, available from the project website at http://www.insight-fp7.eu/#!publications/cgh8, has proven useful to provide people interested in the project with more detailed technical information than that currently available in the website.

2.2 Scientific papers

The present report covers the first year of the INSIGHT project, and therefore is has not been until the last months of this first year that the project has started to produce relevant scientific publications in peer-reviewed journal. The papers published or sent for publication during this first year are listed in Table 1 below. All the links to the different publications can be found at the Publications section within the INSIGHT website (http://www.insight-fp7.eu/#!publications/cgh8).

Table 1.Scientific papers in peer-reviewed journals

Publication	Authors
What (Smart) Data Visualizations can offer to Smart Cities? (Accepted for publication at Communications and Strategies, Special Issue on Smart City 3Q 2014).	Luca Piovano (UPM-CeDInt), David Garrido (UPM-CeDInt), Ricardo Silva (UPM-CeDInt), Iris Galloso (UPM-CeDInt)
Comparing and modeling land use organization in cities. (Sent for publication).	Maxime Lenormand (IFISC-UIB), Miguel Picornell (Nommon), Oliva G. Cantú-Ros (Nommon), Thomas Louail (CEA-IPhT), Ricardo Herranz (Nommon), Marc Barthélemy (CEA-IPhT), Enrique Frías-Martínez (Telefónica), Maxi San Miguel (IFISC-UIB), José J. Ramasco (IFISC-UIB)

2.3 Special issue of "Communications & Strategies" on Smart City

Claudio Feijóo, member of the UPM-CeDInt INSIGHT team, is acting as Guest Editor of a special issue of "Communication & Strategies" on Smart Cities. "Communication & Strategies" (http://www.comstrat.org/) is a quarterly international journal that publishes peer-reviewed papers focusing on the IT and audiovisual sectors.

2.4 Proceedings of CitiNet 2014

The proceedings of the CitiNet 2014 workshop, co-organised by INSIGHT in the frame of the European Conference on Complex Systems ECCS 2014 (see section 3.2) will be published in Springer-Verlag's LNAI series.

4. Conferences and workshops

4.1 Contribution to conferences and workshops

Table 2. Conference papers and talks produced during the first year of the project

Conference / Event	Contribution	Authors / Presenter
EUNOIA dissemination event at the Barcelona City Council (25 Nov. 2013).	General presentation of the INSIGHT: problem statement, project objectives, proposed approach.	Ricardo Herranz
Series of conferences 'The city of the future' organised in the frame of the UPM Master in City Sciences (Madrid, 3 March 2014).	Discussion of the different disciplines related to urban development and the challenges faced by cities in the coming years.	Andrés Monzón
Urban Systems and Networks - Satellite Workshop at NetSci 2014 (Berkeley, 2 June 2014).	Invited talk: *Spatial Structure of Cities.* Presentation on the use of phone call data for the characterisation of the spatial organisation of cities.	José J. Ramasco
12th International Conference on Design & Decision Support Systems in Architecture and Urban Planning (Eindhoven, 25-27 August 2014).	Conference paper: *Impact of Economic Crisis on the Intention to Move House.* Investigation of households' intentions to move house, comparing the situation before and during the economic crises by using data from 2006, 2009 and 2012. We investigated whether income, housing expenditure and home ownership influence the probability of the intention to move. Moreover, we also explored how the housing attributes and socio-demographics affect the intention to move in general.	Authors: Gamze Dane, Anna Beatriz Grigolon, Soora Rasouli and Harry Timmermans Presenter: Gamze Dane
	Conference paper: *Binomial Random Parameters Logistic Regression Model of Housing Satisfaction.* Lifecycle events strongly influence the long term dynamics of activity-travel behaviour. Moving house, as an example of a lifecycle event, triggers households to reconsider their activity-travel choices and possibly to adapt to the new house-job relationship. In turn, the decision to move house is a function of housing satisfaction, which depends on factors such as socio-demographic and economic characteristics of individuals, physical aspects of the dwellings, accessibility to different places in the city, etc. The goal of this study was to understand some determinants of housing satisfaction and a selected subset of factors that can potentially influence residential mobility.	Authors: Anna Beatriz Grigolon, Gamze Dane, Soora Rasouli and Harry Timmermans Presenter: Anna Beatriz Grigolon

Conference / Event	Contribution	Authors / Presenter
CitiNet 2014 Satellite Workshop at ECCS'14 (Lucca, 25 September 2014).	Opening talk: *The new science of cities.*	Mike Batty
	Conference paper: *Functional network of the city* Analysis of phone call data to characterise land use and activity patterns in cities.	Authors: Maxime Lenormand Presenter: Maxime Lenormand
	Conference paper: *Using Twitter to Estimate the Dynamics of Activities and Travel Demand.*	Authors: Vassilis Zachariadis, Steve Denman and Ying Jin Presenter: Vassilis Zachariadis
III Global Systems Science Conference, session on 'Urban systems futures and green growth' (Brussels, 10 October 2014)	The rapid urbanisation of world population and the increasing interconnection of cities across the world create new opportunities for development, but also bring in new risks, making it necessary to devise new policies and measures. How can we combine methods and tools from data science and systems thinking, as well as new ICT tools to engage collective action, to develop an integrated and holistic approach to demographic changes and new societal trends, the tension between globalisation of markets and urban diversity, the sustainability of urban ecosystems, and other fundamental challenges associated to urban development in the 21st century?	Ricardo Herranz (Chair)
19th International Conference of Hong Kong Society for Transportation Studies (Hong Kong, 13-15 December 2014).	Conference paper: *Determinants of Residential Mobility Intentions. A Mixed Binary Logit Model.* Individuals and households experience several residential moves throughout their lives. These moves are the result of individuals/households' evaluations of their current house and their impact on daily activity-travel behaviour. The intention to move is generally triggered by different variables such as attributes of the house, life cycle events and location of the house vis-a-vis the work place and activity locations. This paper tried to understand the determinants of intention to move.	Authors: Gamze Dane, Anna Beatriz Grigolon, Soora Rasouli and Harry Timmermans Presenter: Gamze Dane
	Conference paper: *Reasons for Moving House in a Dynamic Housing Context* The goal was to understand the prevalence and covariates of reasons to move house. A mixed logit model was formulated to analyse the probabilities that respondents have moved for a particular reason and the effects of categories of independent variables on these probabilities.	Authors: Anna Beatriz Grigolon, Gamze Dane, Soora Rasouli and Harry Timmermans (TU/e) Presenter: Anna Beatriz Grigolon

4.2   CitiNet 2014

The concept of the 'smart city' emerged during the last decade as a fusion of ideas about how ICT might improve the functioning of cities, enhancing their efficiency and contributing to sustainable development and high quality of life. Currently the central role of ICT lies at the core of the concept, but the term 'smart city' goes beyond the idea of ICT-driven cities, embracing also the investment in human, social, and environmental capital. CitiNet 2014 was a satellite workshop co-organised by INSIGHT at the European Conference on Complex Systems (http://www.eccs14.eu/), with the aim of gathering researchers from complex systems, ICT and the social sciences working on urban systems. More information can be found at the workshop website: http://citinet-eccs.eu.

Figure 1. CitiNet 2014: opening talk by Mike Batty: 'The new science of cities'

Figure 2. CitiNet 2014: some of the contributed talks

5. Presence in social networks

A LinkedIn group called 'EUNOIA-INSIGHT' shared with the FP7 project EUNOIA (www.eunoia-project.eu) is in place since the beginning of the project. The group is periodically updated, providing general information about the project, deliverables, news, publications, etc. As of 30 September 2014, the LinkedIn group has 74 members, mainly from academia and industry, and to a lesser extent from public administration.

News about the project are also regularly tweeted from the partners' Twitter accounts.

Several expressions of interest have also been received from people who knew about the project from LinkedIn and/or Twitter.