SMART CITIES & SUSTAINABILITY
Collaborating to address Societal Challenges

Monday 21st May 2012 – Brussels

An event organised in collaboration with:

Coventry University

European Network of Living Labs

EBN

22 Barcelona

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Monday 21st May 2012
Catalonia Regional Representation| Rue de la Loi, 227 | 1040 Brussels | Belgium

By 2050 more than 70% of the global population will live in cities. They are more economically productive and have a lower environmental footprint per capita than the average for their country. But cities are also struggling with climate change, changes in population and demographics, congestion, healthcare and pressure on key resources. To succeed in the future, cities have to deliver economic activity, quality of life and a lower environmental footprint. This cannot be delivered by optimising the separate components of the city infrastructure. New integrated and city-wide solutions are required.

Cities are engines for innovation and growth. People in cities tend to be more productive, wealthier, better educated, and more likely to start a new business. Cities also make better use of resources. But with populations rising, how do we plan, design and manage cities that can cope with things like pressures on resources and increased waste, while meeting carbon and climate challenges?

The market is large and growing. Over £6.5tn will be invested globally in city infrastructure over the next 10-15 years, and the accessible market for integrated city systems is estimated to be £200bn a year by 2030.   We understand that it is no longer sufficient to address the different city systems in silos: instead it is vital to create integrated solutions, and to put the citizen at the heart of the city.

This event is being hosted by Coventry University in partnership with the European Business Network (EBN) and the European Network of Living Labs (ENoLL). **Its aim is to provide insight to a number of these global societal challenges; gain input from the community and act as a springboard to encourage partnership development for the future and discuss how to better address these future challenges.**

Coventry University is effective member of **ENoLL** and member of the **EBN**.
The conference is organised in collaboration with **22@**

Programme

12:00   **Registration** - Buffet lunch

Moderator: Cédric Hananel

13:00   **Welcome & Smart Cities Overview**
Álvaro de Oliveira, Chair of Living Labs Network (ENoLL)

13:10   **Partnering for the Future and Horizon 2020**
Philippe Vanrie, Managing Director, European Business Network (EBN)

13:25   **Key Note: Living Labs and Smart Cities**
Per Blixt, Head of Unit, New Infrastructure Paradigms and Experimental Facilities,
Directorate-General Information Society and Media, European Commission

13:40   **Smart Cities**
Carmen Ifrim, Project Officer, ICT for Sustainable Growth, Directorate-General Information
Society and Media, European Commission

13:55   **Catalonia Region**
Artur Serra, i2cat & 22@

14:10   **Smart City Expo World Congress, Barcelona**
Pilar Conesa, Director of Smart City World Congress

14:20   **Coventry University Grand Challenge Initiatives**
Joanne Dobson, Director Strategic Relationships, Coventry University

14:35   **Transport in the City**
Prof Andree Woodcock, Leader of the Integrated Transport and Logistics Grand Challenge,
Coventry University

14:50   **Hydrogen Fuel Cells, the Future**
Bernard Porter, Head of Department Mechanical & Automotive Engineering, Coventry
University

15:00   Coffee break

15:20   **Low Impact Buildings**
Professor Mark Gaterell Professor of Sustainable Construction Civil Engineering,
Architecture and Buildings, Coventry University

15:30   **The Ageing Society: How to make longevity an asset?**
Christine Broughan, Co-Director of the Ageing Society Grand Challenge Initiative, Coventry
University

15:40   **Digicity – game based technology hits the city**
Jacqueline Cawston, Programme Director, Serious Games Institute, Coventry University

15:50	**Agroecology and urban food security**
	Prof Phil Harris, Director, Centre for Agroecology and Food Security, Coventry University

16:00	**Summary & Q&A Session**
	Chaired by: Paul Fairburn, Coventry University

16:30	**Canapés & Active networking**

18:00 - 20:00 ENoLL General Assembly, for ENoLL Effective Members only

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Background information

European Commission

Horizon 2020 – official European Commission website
http://ec.europa.eu/research/horizon2020/

European Initiative on Smart Cities
http://setis.ec.europa.eu/about-setis/technology-roadmap/european-initiative-on-smart-cities

Partners

Coventry University – Business Development
http://wwwm.coventry.ac.uk/business/Pages/Servicesforbusiness.aspx

European Business & Innovation Centre Network (EBN)
www.ebn.eu

European Network of Living Labs (EnoLL)
http://www.openlivinglabs.eu

22@ – Barcelona
http://www.22barcelona.com

I2cat Fundacio
http://www.i2cat.net/en