



SmartCities

Research agenda for the NSR

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Research approaches

Interest in **pure research** is declining (except for specific fields - and particular cases e.g. health, energy)

Applied research is the name of the game - see Horizon Framework 7 calls.

Policy makers are looking for **existing** technologies and research approaches to be translated into real innovations and research approaches with **clear, tangible results and impacts**.

These impacts are increasingly going to be measured in terms of their contribution to **core EU priorities**.

Energy and carbon

The EU is on course to deliver many of its targets for Europe 2020. **Except for the carbon/energy targets.**

These are now key priorities, and cover a large number of areas - such as transportation, urban logistics, mobility, smart grids, smart networks, energy efficiency, CO2 reduction etc..

This will be **the** key area for applied research.

Smart Cities

Interest in **Smart Cities** is increasing across a wide range of policy fields - urban, energy, transport, logistics, climate etc..

In reality this covers **many related areas** - e-government, mobility, construction, networks, health etc.

While the **Smart Cities** concept is very broad, it is also very cross cutting and provides an opportunity for real innovation and new thinking.

Opening Up

Opening Up will open businesses and governments to new opportunities to develop transformative services through the adoption of **open data** and **social networking**.

It will build upon the data created by the shift towards **open government** to create new tools, devise new approaches and develop the skills citizens, businesses and governments need to deliver radically different services, e-government and smart businesses.

This approach is based on **technology** and **skills transfer** and is embedded in the **Digital Agenda** and the **Europe 2020** policies.

Research areas

Energy, low carbon, sustainability, various 'smart' homes and quality of life will be key areas for research.

There will be many opportunities for Universities, SMEs etc., but you will have to be able to provide evidence to support innovation and transformative approaches.

Policy makers will be looking for evidence, for new business models for transferable good practice