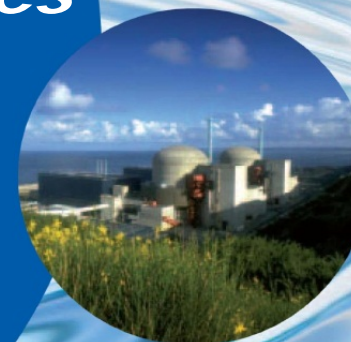




European  
Commission

# The *Smart Cities & Communities* Initiative

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European Commission/DG ENER  
Vienna, 21.05.2012



Energy

## Activities so far ...

Launch of the SET Plan initiative June 2011

Call for proposals July–December 2011

- Strategic sustainable planning
- Large scale systems for urban area heating and/or cooling supply
- Demonstration of nearly Zero Energy Building Renovation for cities and districts (part of the Energy efficient building PPP)



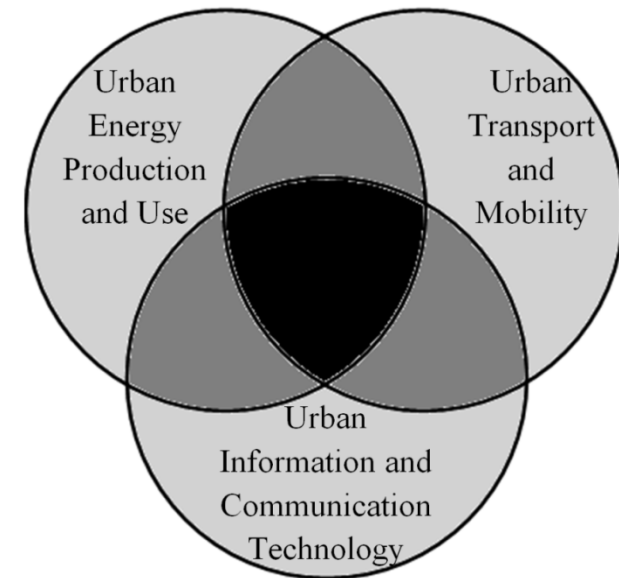
# Convergence

## European Innovation Partnership (EIP)

*Energy, Transport & ICT*

**Higher integration, but  
Interface Bottlenecks** asking for:

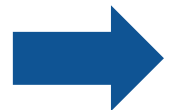
- Inter-operability
- Business models
- Standards
- Procurement
- Citizen engagement



➔ Huge unexploited potential for close collaboration to jointly address the challenges that Europe faces today!

## Main Characteristics

- Integrated approach: Energy, Transport, ICT
- Mainly demonstration projects
- Looking at market solutions
- Energy efficiency
- Industry, business and local authorities
- Business models
- ICT both as enabler and consumer



**EC communication to be published soon!**

## Future Activities

### **Supply side:** large-scale demo projects

*E.g. call for proposals WP 2013 (July 2012)*

- *Increased level of ambition*
- *Inclusion of energy, transport and ICT projects into one call*
- *Stimulate and complement national and regional programmes*
- *Other financial instruments (e.g. EIB)*

### **Demand side:** market uptake

*Standardisation, public procurement & regulatory measures, supporting the template solutions and new technologies on their way to commercial roll-out and sustainability*

## Example areas

- **Optimising energy and transport flows in districts**  
*Strategic planning and modelling of flows*
- **Housing**  
*insulation, holistic approach*
- **Energy supply and demand systems**  
*electricity and heating & cooling; improved components, systems and data flows; local production*
- **Transport**  
*interconnections, inter-modal transport; public transport, non-motorised transport, low carbon vehicles*
- **ICT**  
*Cross-cutting applications related to energy or transport (e.g. ITS)*



# Governance

## Steering group

*composed of representatives of industry, cities and communities, civil society and relevant EU initiatives in this area*

## Stakeholder platform

*Matrix organisation with working groups on:*

- *Energy Efficiency and Buildings*
- *Energy Supply Networks*
- *Mobility and Transport*
- *Finance Group*
- *Smart City Roadmap Group*

<http://eu-smartcities.eu>



The screenshot shows the homepage of the 'Smart Cities and Communities' website. The header includes the site logo and navigation links: Home, Groups, Browse Members, Blogs, About, and Login. A large blue banner on the left encourages users to 'Join the Stakeholder Platform...' with a deadline of 25 April for working group applications. A yellow button says 'Join us now!'. To the right is a large image of a modern city skyline. Below the banner, the 'Latest Members' section lists Luis(Nando) Ochoa, Furong LI, and Michele Berlingiero. A 'Highlight' section features a graphic of a green landscape and text about working group applications closing on 25 April 2012. The 'Working Groups' section displays icons for Energy Efficiency and Buildings, Energy Supply Networks, and Mobility and Transport. On the right, there is a 'User login' form with fields for Username and Password, and links for 'Create new account' and 'Request new password'. A 'Subscribe' section at the bottom right invites users to join the mailing list.

## Next steps

**July 2012** Joint Communication by the  
themes Energy, Transport, ICT  
and DG REGIO

Comprehensive FP7 call for  
proposals (three sectors)



Ensuring the link between technology  
projects and the roll out in the market  
by e.g. co-operation with DG Regio





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Commission

# Thank you!



Energy