

NSPA commitment to the EIP Smart Cities and Communities

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NSPA

Northern Sparsely Populated Areas



European Innovation Partnerships (EIPs)

- EIPs act across the whole research and innovation chain, bringing together all relevant actors at EU, national and regional levels to:
 - step up research and innovation;
 - coordinate investments in demonstration and pilots;
 - anticipate and fast-track regulation and standards;
 - mobilise 'demand' in particular through better coordinated public procurement to ensure that any breakthroughs are quickly brought to market.
- EIPs are not funding instruments, but different funding instruments are exploited for their implementation
- EIPs influence calls launched within EU funding instruments

European Innovation Partnerships (EIPs)

- EIPs are launched in areas in which government intervention is clearly justified, and where combining EU, national and regional efforts in R&D will achieve the target quicker and more efficiently:

European Innovation Partnership
Active & Healthy Ageing

European Innovation Partnership
on Agricultural Sustainability
and Productivity

European Innovation Partnership
on **Smart Cities and Communities**

European Innovation Partnership
on **Water**

European Innovation Partnership
Raw Materials

EU Urban Agenda: focus shifting towards large cities

- Commission Communication (COM(2014) 490 final): “The Urban dimension of EU policies – key features of an EU Urban Agenda”
 - 3/4 of EU citizens live in urban areas, consuming 70% of the EU's overall energy consumption and emitting roughly the same share of greenhouse gases (Source: SIP)
- EC keen to obtain maximum impact and hence focus on large cities - yet over 4000 of the currently more than 5000 Covenant of Mayors cities have less than 50 000 inhabitants → smaller and medium sized cities working together can have a huge impact

The NSPA position on Smart Cities: voice of small and medium sized cities and rural areas



The NSPA position on the European Commission's Smart Cities and Communities Initiative of the Horizon 2020-programme

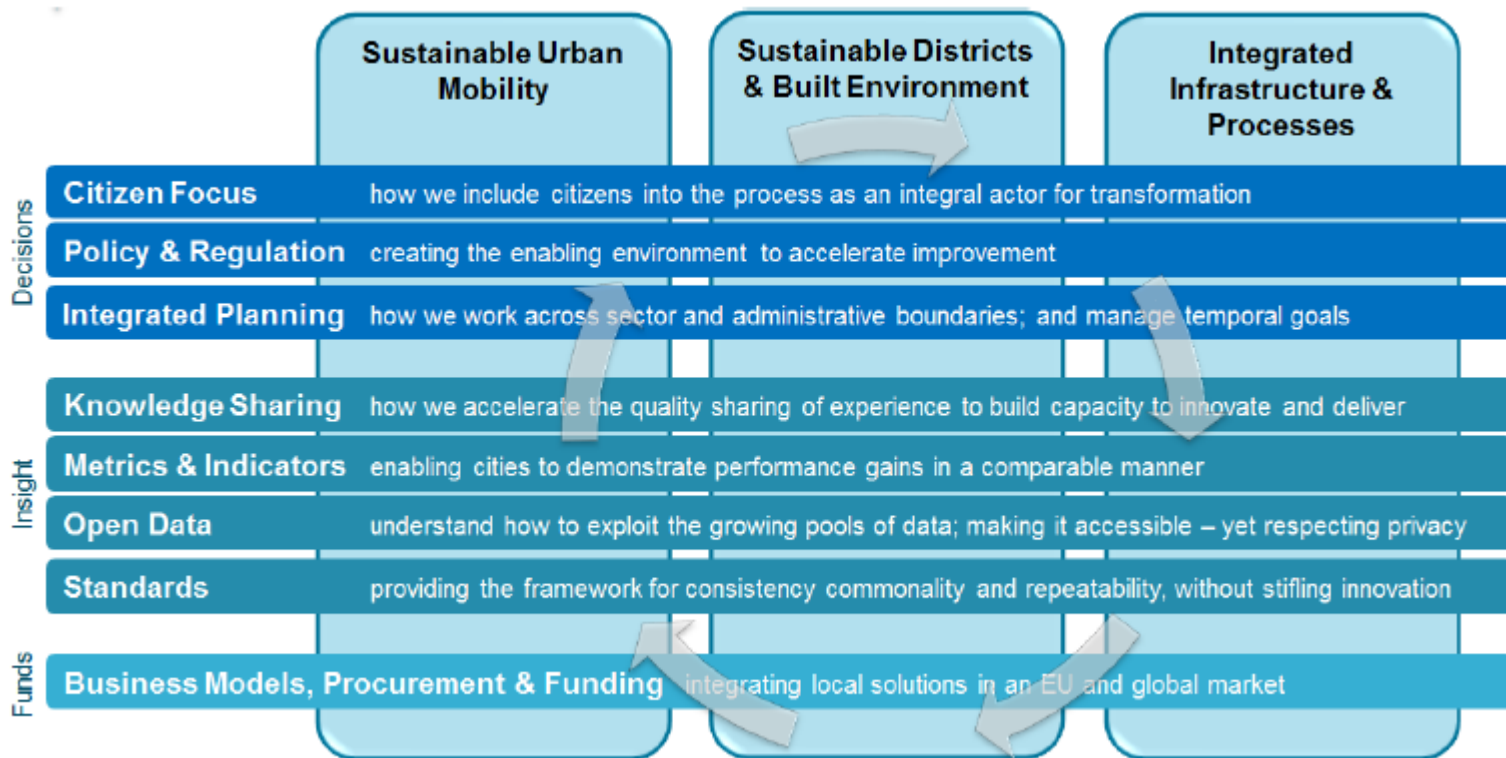
The NSPA network, Northern Sparsely Populated Areas, represents the interests of four northernmost counties of Sweden (Norrbotten, Västerbotten, Jämtland, Västernorrland), seven northernmost and eastern regions of Finland (Central Ostrobothnia, Kainuu, Lapland, North Karelia, Northern Ostrobothnia, North Savo and South Savo) and North Norway (Finnmark, Troms and Nordland). The NSPA represent about 10% of the total EU land area.

The European Commission's Smart Cities and Communities Initiative

According to the EU 2020 targets for climate change, the EU is committed to reduce its greenhouse gas emissions 20 % below 1990 levels by 2020, with a further reduction of 80-95 % by 2050. Renewables should cover 20 % of final energy consumption in 2020. The primary energy consumption in Europe should not be higher than 1474 Mtoe (million tons of oil equivalent) and final energy consumption not higher than 1078 Mtoe per year.¹



EIP Smart Cities priorities



EIP Action Clusters

ICT/Integrated
infrastructures

Integrated
planning

Sustainable
mobility

Business
cases and
funding

Sustainable
districts/built
environment

Citizen focus

Evaluation results

440 evaluated commitments

resulting in

369 eligible commitments

What did we commit to?

- **To map communities' plans for future neighborhoods**, use indicators of the CONCERTO and Smart City-projects for analyzing how to optimise existing and planned neighbourhoods, develop tool kits facilitating integrated planning and infrastructures
- **To map research organisations' common and complementary research and innovation excellence** and capacities in the Smart City areas
- **To map viable existing business models** with viable pay-back time
- **To map existing sustainable urban/mobility transport plans**, facilitate the transfer of successful models across the NSPA and beyond
- **To study and analyse best examples related to horizontal, integrated ICT solutions and infrastructures**, existing Living Labs, Open Data, Service Design, wireless smart measurement systems and digitalization of services
- **To map local and regional initiatives related to resource efficiency and circular economy**, transfer and replication of best concepts and solutions.

The NSPA-lead EIP consortium

- Arctic Power, Castilla y León, Castilla y León Innovation, Financing and Internationalisation Agency, Castilla y Leon Regional Energy Agency (EREN), Center for Internet Excellence (Oulu), Centria University of Applied Sciences, City of Joensuu, City of Kuopio, City of Lappeenranta, City of Luleå, City of Mikkeli, City of Oulu, City of Rovaniemi, City of Skellefteå, City of Umeå, City of Östersund, Cyberlightning Ltd, Dataföreningen i Norr, Federation of municipalities, enterprises and provinces of Aragón (FAMCP), FREE initiative, Joensuu Sciencepark, Kainuun Etu Oy, Kajaani University Consortium, Kajaani University of Applied Sciences, Karelia University of Applied Sciences, Kemi Digipolis Oy, Kiruna Municipality, Kuopio Innovation, Lapland University of Applied Sciences, LTU Business, LTU-CDT-Botnia Living Lab, Luleå University of Technology, Measurepolis Development, Mikkeli University of Applied Sciences, Municipality of Piteå, Municipality of Sundsvall, Municipality of Örnsköldsvik, Piteå Science Park, RIC Lower Silesia-consortium (Climate-KIC Regional Centre), Rovaniemi Development Agency, Savonia University of Applied Sciences, TECNARA (Aragón's ITC, Electronics and Telecommunications Companies Cluster), Teruel Province, Troms county council, Umeå University, University of Jyväskylä, Kokkola University Consortium, University of Lapland, University of Oulu

The NSPA commitment to the EIP Smart Cities

- The NSPA carry out many ongoing Smart City-type actions: the FIREBALL FP7-project, Smart Hiukkavaara-district, Digital Mikkeli, Östersund Green Highway... and many more
- Through the EIP commitment, the NSPA will strengthen collaboration and share existing, integrated Smart City solutions and concepts within the NSPA partners and beyond
- The NSPA will set up Task Forces to coordinate the work and follow progress. The partners will organise workshops and meetings and deliver reports, publications and policy recommendations
- The NSPA will actively contribute to the Action Clusters of the EIP

Benefits of NSPA commitment

- EIP commitment provides a platform to promote sparsely populated/rural areas on a European level
- Participation in EIP strengthens capacity to respond for example to Horizon 2020 calls on energy, ICT and transport sectors
 - Commitment promotes an image of NSPA regions with its cities, universities and companies as trusted partners for calls launched within European financing instruments
- Participation increases NSPA's credibility regarding lobbying activities connected to Smart Cities and urban development
- European cooperation will bring about market opportunities for companies located in the NSPA

European Commission's agenda

- Official kick-off meeting organised by the EC on the 9th of October
- Members of NSPA commitment can already start using the EIP brand, the NSPA commitment is already published at <http://dev.eu-smartcities.eu/commitment/7688>



European Innovation Partnership on Smart Cities and Communities
Building a Market for Smart Cities and Communities
Action Clusters Kick-Off Conference

Date: 9th October 2014

Venue: SQUARE BRUSSELS MEETING CENTRE

Rue Mont des Arts, 1000 Brussels

Internal NSPA Agenda 2014

- East and North Finland EU Office coordinates the consortium
 - Responsible for reporting towards the European Commission
 - Representation of the consortium at official meetings
- Working plan for the next years in drafting
 - Consortium members will be contacted during October 2014 with a first proposal for a work plan
 - Thematic groups and Steering group to be formed
 - First proposals for joint projects (Interreg, LIFE, Horizon 2020...)

Further information:

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[http://ec.europa.eu/eip/smartcities/
Market Place](http://ec.europa.eu/eip/smartcities/Market Place)