



SmartImpact Transnational Meeting in Stockholm Regulation and Incentives Theme Meeting Report 17th & 18th October 2016



Agenda

Monday, 17th October 2016:

- 09.00 Welcome
- 09.15 Smart Policies – Good use of Regulations & Incentives, and Challenges
- 09.45 Smart Policies in Stockholm
- 10.30 Visual Sinectic Exercise: Smart Policies
- 10.40 Smart Policy Lab – Workshops on Mobility, Data, Buildings and Energy
- 12.40 Review of Learning
- 14.00 Innovating Policy Development
- 16.00 Manchester IAP – Crash test and peer review
- 17.30 Review of the Day

Tuesday, 18th October

- 08.30 Smart Cities Breakfast Meeting – SGBC16 Building Sustainability Conference
- 10.00 Recap of Day 1
- 11.30 Planning for the next meeting in Miskolc
- 12.00 Network Business
- 13.00 SGBC16 Building Sustainability Conference

Welcome

Meeting Theme - Regulations and Incentives:

What regulations and Incentives can support smart policy?

Goals of the Meeting:

- Identify common challenges
- Review best practice
- Determine what makes a good policy
- Develop a checklist for developing a good smart policy

Synergies with other work:

Clear links with other projects where we can add value to SmartImpact, e.g. Lighthouse; Triangulum; Grow Smarter

Working Together:

Be there, Participate, Listen & Support, Ideas & Actions

What is a Smart Policy?

Smart policies can be defined as locally adapted regulations and incentives targeted at dealing with innovative technologies and their impact on urban development.

They strive to put innovations at the heart of economic growth in a sustainable way, supporting a reduction of the urban environmental footprint and increase public spending efficiency. Smart policies are leverage points for your city. They are able to provoke a large impact through a relatively small amount of change.

Focus of discussion:

- What are good examples of smart policies (regulations, incentives, nudges) from the partner cities?
- What tactics to implement those policies, have proven to be successful?
- What are challenges in partner cities that could be solved through smart policies?

Use of Regulations & Incentives in Developing Smart Policies

Regulations and Incentives

Leverage - used to make something happen with a little effort

Key elements:

Carrot & Stick - Pull and push factors:

Policy making is about sticks, change is about carrots Pull factor = incentive or carrot

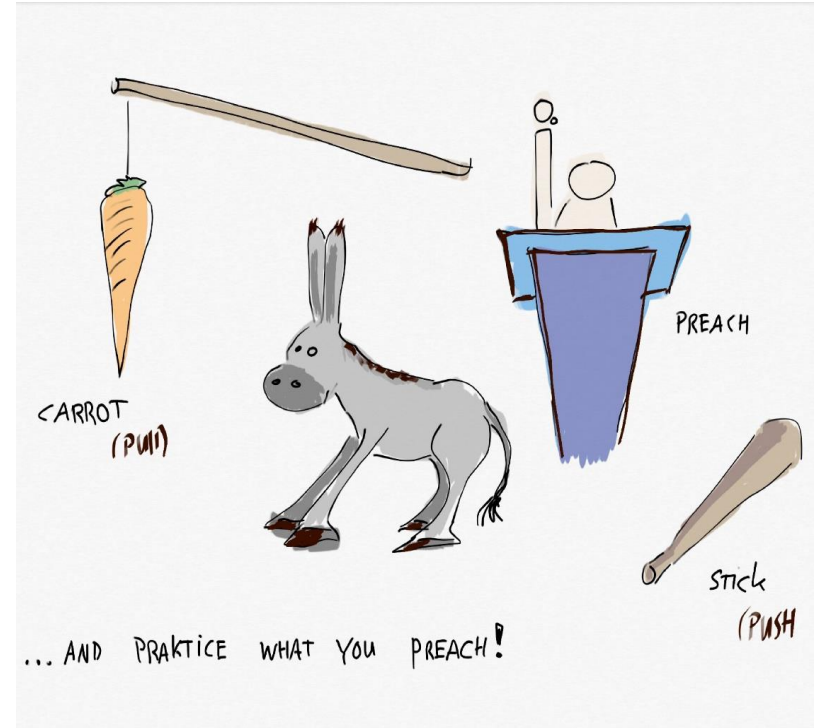
Push factor = regulation or stick

Multi-level Governance:

You can still introduce smart policy even if governance lies elsewhere - create policy specific to your city, e.g. Friedberg priority parking scheme

Technology openness:

Creative thinking and use of technology to support change, e.g. Tokyo monitoring of emissions and selling emissions certificates where allocation not used.



Smart Policies in Stockholm

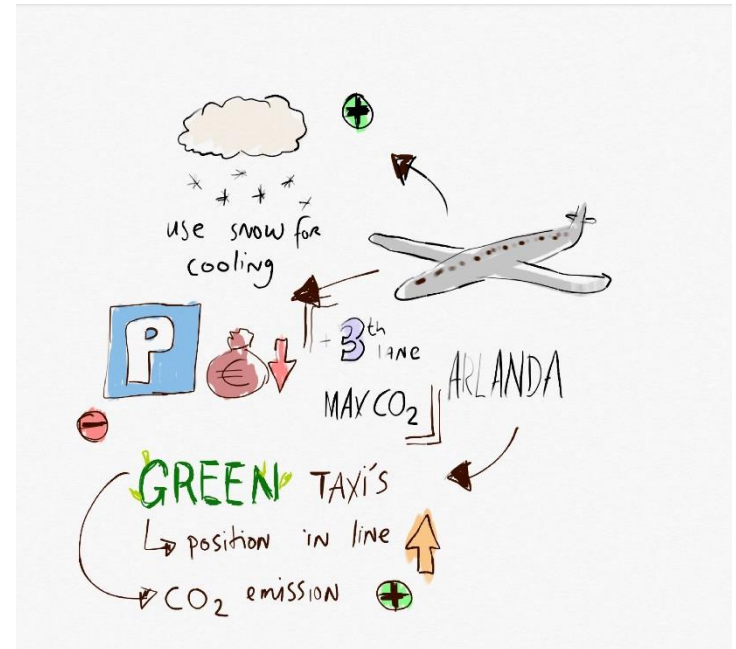
Environmental & Sustainability Programme

Incentives:

- Priority lane for ev-taxis, Stockholm Airport
- Congestion tax to reduce traffic in the city
- Futureproof new housing to achieve energy efficiency targets

Lessons learned:

- A regulatory framework will promote innovation, especially in environment that is not very competitive
- Outcome: Significant reduction in traffic volume c.15-20%
- Trials, test-periods and special cases, creates an easier political environment to introduce regulations
- Opinion tends to change when measure is in place regardless of taxi-drivers, car owners or construction companies



Smart Policy Lab

Worldcafe session on innovative policy instruments for smart technologies.

Aim: to identify policy ideas which could be implemented in partner cities.

4 workshop groups covered:

- Data
- Mobility
- Energy, and
- Buildings



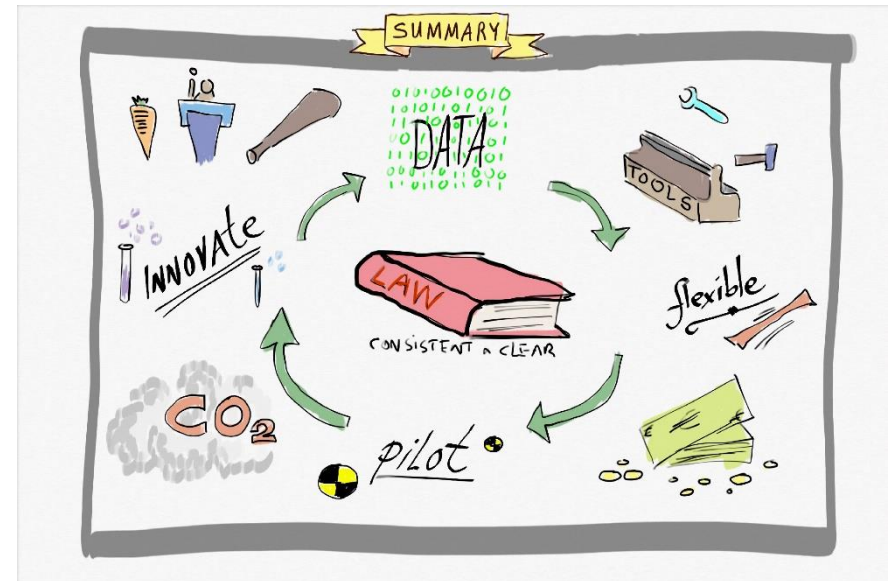
Data Workshop

The world-café focused on policies for dealing with data in cities and for setting up successful urban ICT platforms to improve existing services and deliver new and innovative services to citizens and local companies.

The group identified several challenges to urban data management and designing and operating urban platforms. Several of them related to the question: how policies (regulations & incentives) can support a better uptake and management of urban data platforms.

This included:

- Define and work with a common standard for data sharing in your city
- Define a common ICT policy framework
- Identify individual benefits and trade with data
- Create a digital marketplace of urban data
- Embed data sharing requirements in public contracts
- Create incentives for data sharing
- Measure & monitor service providers based on data
- Open the data platform to citizens and companies for new services
- Communicate about the potential of data exchange



Mobility Workshop

The world-café focused on how regulations and incentives can support smart mobility solutions. Participants discussed policies ideas which could influence change and identified basic requirements of regulations and incentives for mobility.

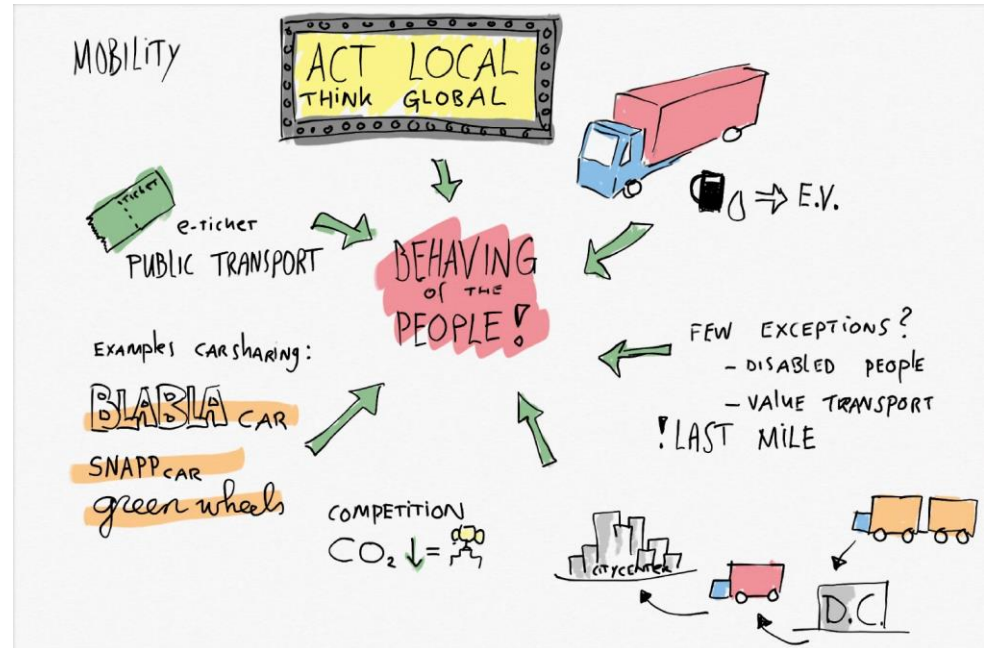
These included:

- mobility data sharing for maximum benefit
- mobility options need to be attractive
- accessible and easy for users
- embedding data requirement within transport
- contracts to access information.

Participants also looked at ideas to maximise opportunities provided by mobility in a smart city.

This included:

- creating test beds and innovation centres to take advantage of new opportunities
- implementing an integrated approach
- thinking differently
- making use of available and new technologies.



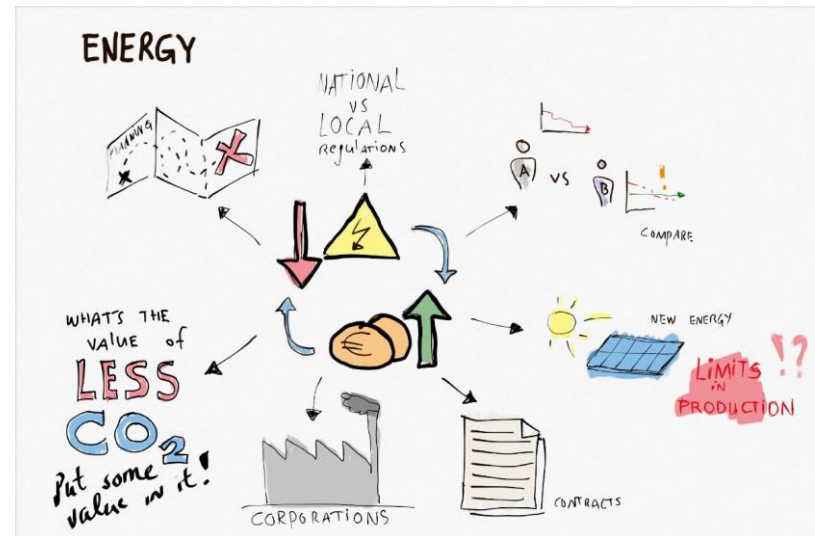
Energy Workshop

The workshop focused on use of regulations and incentives to influence policy to bring about change. It looked at challenges and barriers and how to incentivise through regulations and policies. Suggestions included:

- Subsidies
- Show value, i.e. demonstrate win/win with business case. Show clearly costs and benefits. Create new business models, e.g.. Using heat waste from data centres
- Remove barriers and make it easy to do
- People power, e.g. community collectively buying green energy
- City as a mediator and facilitator

Regulations which could support change included:

- Consistent clear regulations at all levels - EU/National/City
- Planning laws
- Energy pricing and data access
- Fees, charges and taxes



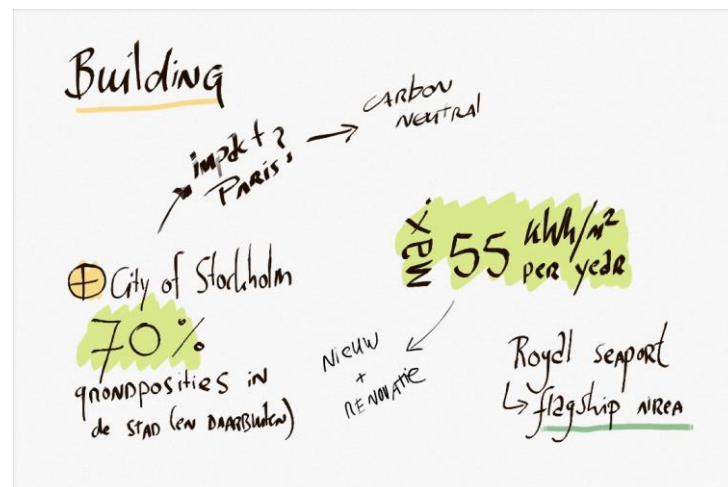
Buildings

The workshop focused on the challenges and options to address these plus good practice examples. Need to change perception and thus behaviour around retrofitting.

Recommend collaborative approach including, consultation with tenants, encompassing behaviour change: education, tools, participation, community, gamification. Options to support this:

- Subsidies, eg. Smolyan use for energy refurbishment
- Technical specifications – deep energy refurbishment including information on benefits
- Regulation on building requirements
- Include building surroundings, greenery in the city and other factors like transport network
- Use public tendering to include building requirements
- Consultation to demonstrate benefits and options so there is some choice rather than enforced
- Create a package of actions, easy and difficult measures

Policies to support should consult, collect all arguments for and against, make benefits clear, get political endorsement and remain flexible



Key Factors to Implement Successful Smart Policies

- Stakeholder engagement – ensure that this is at the heart of the process, including citizen engagement
- Common goals and demonstrate win/win
- Able to demonstrate there is a comprehensive plan
- Defined process for measuring success
- Able to demonstrate benefits and communicate this
- Political will and endorsement
- Resilient procurement process
- Potential scale up from pilot



Manchester Integrated Action Plan – Peer Review

Plan Summary:

The goal of the plan is to:

- Set up an innovation based smart city group and establish a dialogue
- Horizon scanning of potential priorities and developments
- Establish a range of financial support tools

The action is an internal project.

The first task is to work with senior council service managers to set up a workshop to identify their key problems and challenges.

The aim is to create a long list of issues to take forward into to a list of pilot projects. Working with the local companies, the team will determine evaluation criteria. These outputs will then be presented back to service managers and the business cases used to identify funding.

From here a multi-disciplinary team will be set up to work with the selected solution developer and identify KPIs.

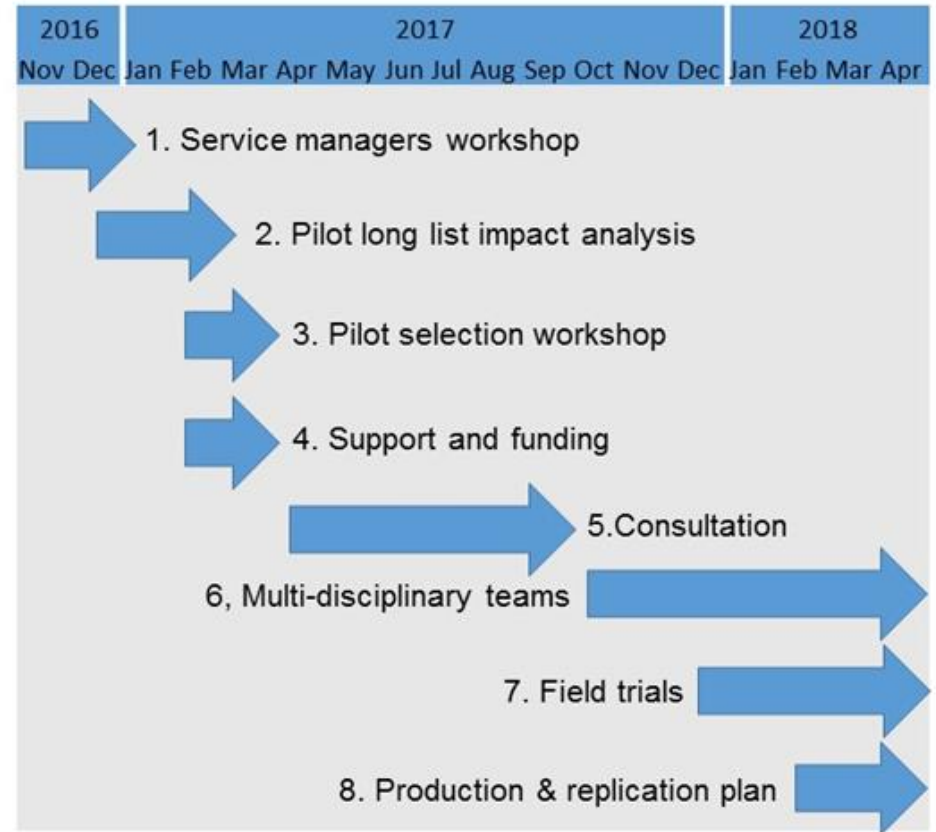
The working pilot will lead to assessment and impact activity and alongside this, the business case for the next phase of full implementation.



IAP - Action Plan Summary

A peer review of the IAP gave the following feedback :

- Good structure and methodology
- Link to ongoing projects to mainstream smart approach
- Demonstrate impact on citizen more and demonstrate how we will get message to the citizens
- Underpin with a good story which shows the potential of what will be addressed
- ULG – needs to be open and evolve as necessary
- Stakeholder Engagement – bring out more and ensure citizen engagement even for internal focus plan
- Need to show added value for citizens



IAP – Schedule of Peer Reviews by Network Partners

Transnational Meeting	Peer Review of IAP
Stockholm - 17 th & 18 th October 2016	Manchester IAP
Miskolc - 31 st Jan – 1 st February 2017	Porto IAP
Zagreb - 4 th & 5 th April 2017	Eindhoven and Smolyan IAP
Porto - 27 th & 28 th June 2017	Guadalajara IAP
Guadalajara - 3 rd & 4 th October 2017	Miskolc and Stockholm IAP
TBC	Dublin, Suceava and Zagreb

SGBC16 Building Sustainability Conference

Network partners attended a Breakfast meeting of the SGBC16 Building Sustainability Conference.

Partners participated in a series of round table discussions focusing on 'How to become a Smart Sustainable City.'

Round table discussions covered topics such as 'How to incorporate smart solutions into core business in cities?' and 'What kind of stakeholder engagement model is needed for accelerated implementation of smart solutions?'

The outcomes were collated by the Stockholm as part of the conference.



Feedback from Partners about the Meeting

Difficult to develop a definition for a smart policy but have learned a lot about the evaluation criteria and the next steps

Inspirational

I've learned communication between stakeholders is critical

Educational

Learned a lot of the principles of how to develop an IAP

I really love the actual examples from other cities

I will take back the world café methodology to use in my projects

Grazie Thanks
Danke **Merci** Gracias
Ευχαριστώ multumesc
Takk dziękuję dakujem hvala
Obrigado dziękować
tänan kiitos köszönöm aciu
Tack děkuji paldies
nizžik ħajr dank u wel

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