



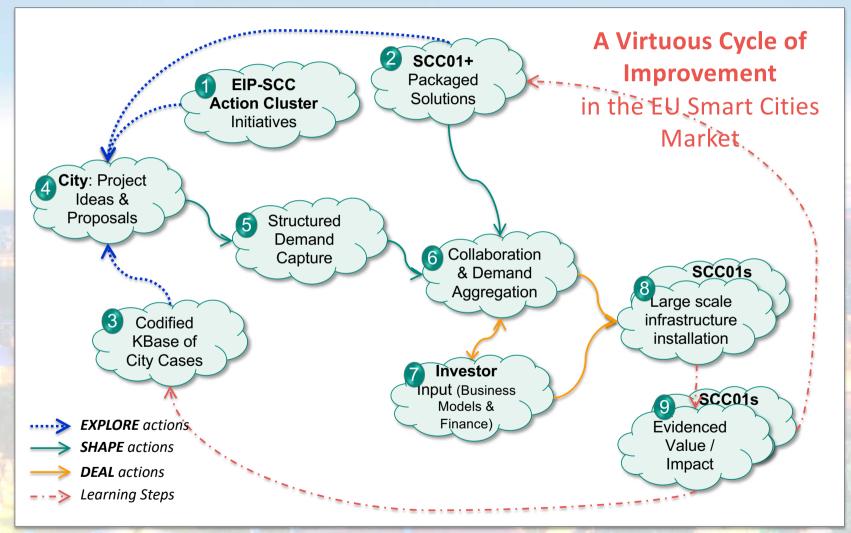


# EIP-SCC Action Cluster Workshop 25th September, Stavanger

**EIP-SCC Marketplace Team** 



### **Our Common Goal**



#### Context

#### **Multiple Market Sectors and Actors**

Several already engaged – more to go

**6 Key Words** 

Scale

**Pace** 

**Impact** 

**Common Solutions** 

Integrated

Collaboration



Climate-Neutral & Smart Cities MISSION – a new broader Horizon Europe initiative

An ongoing market engagement process to build and shape the Mission.

The EIP-SCC General Assembly provided the opportunity to capture individual's views



#### Have Your Say...

#### Principle 1: Bold, inspirational with wide societal relevance

Q: What is bold for you?

- No talking any more do, and learn
- Where is the context limiting the survival of our societies? Lack of circular economy solutions?
- Mobility including integration with other
- Collaboration with other continents towards SDG delivery
- No more boxes (silos); more space and connections

- o Accept an unknown future
- o Positive Energy Districts
- o Human-centred future
- o Flexibility: less rigid control / contract periods
- Work with the urban data
- o Governance not as usual
- Waste to Material: recycling to industrialization

#### Principle 2: A clear direction: targeted, measurable and time-bound

Q: What goals and targets?

- o More focus on the invisible problem of cities: poor air quality, and link to mobility and clean energy
- Get operational!
- Local clean energy

#### Principle 3: Ambitious but realistic research &

- Q: What R&I actions?
- Standardisation
- o Besides technical R&D, also focus on real implementation - organisational, legal, etc, an including citizens
- o Link project activity to standards where possib and so (through reporting) build a case study database of successful adoption of standards:

  Principle 5: Multiple, bottom-up solutions projects that investors will see as low hanging Q: What bottom up solutions?
- Integration of mobility and energy systems

- Horizontal administrative processes
- Diversity problems, solutions, people
- Reign in hig tech giants (Google FR): create trust

#### Principle 4: Cross-disciplinary, cross-sectoral and cross-actor innovation

Q: How to work cross-X?

- o All city sectors: all domains: therefore, all DGs bought in
- o Any EU project should be cross-fertilised by others in its field:
  - Lessons learned (past)
  - Bundling (ongoing)
  - X-activity (may encourage blending)
- o Cities in the lead (with the help of the private markets and knowledge institutes)
- Use much more the capacity of exploded network of the near "100 EU Cities"
- o Help small technology companies engage with "Small Giant" cities
- o Invitation: come to meet more often cities to make the gaps close
- o Rethink government
- o Enabling environment

- Use immersive UX technologies to engage citizens in city planning
- o More focus on local initiatives
- Planning with new priorities
- Sharing experience platform

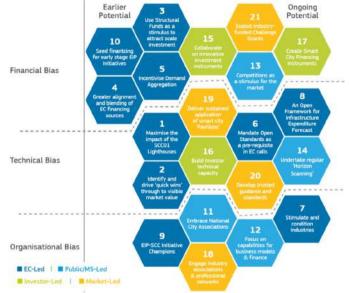
- o Bottom-up: promote good ideas bottom-up in addition to top down calls
- o Establish revolving fund and organise contest of local bottom-up initiatives – the best ones get
- Make things happen closer to citizens
- o Rights and Responsibilities

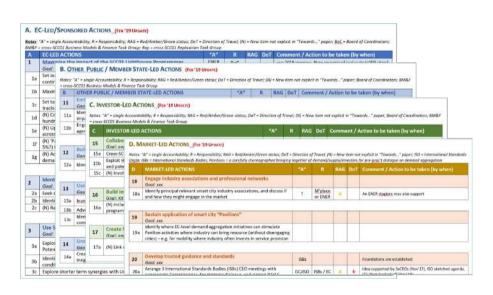
#### Context

### The EIP-SCC "Towards a Joint Investment Programme for EU Smart Cities" white paper tabled a 21-point Action Plan

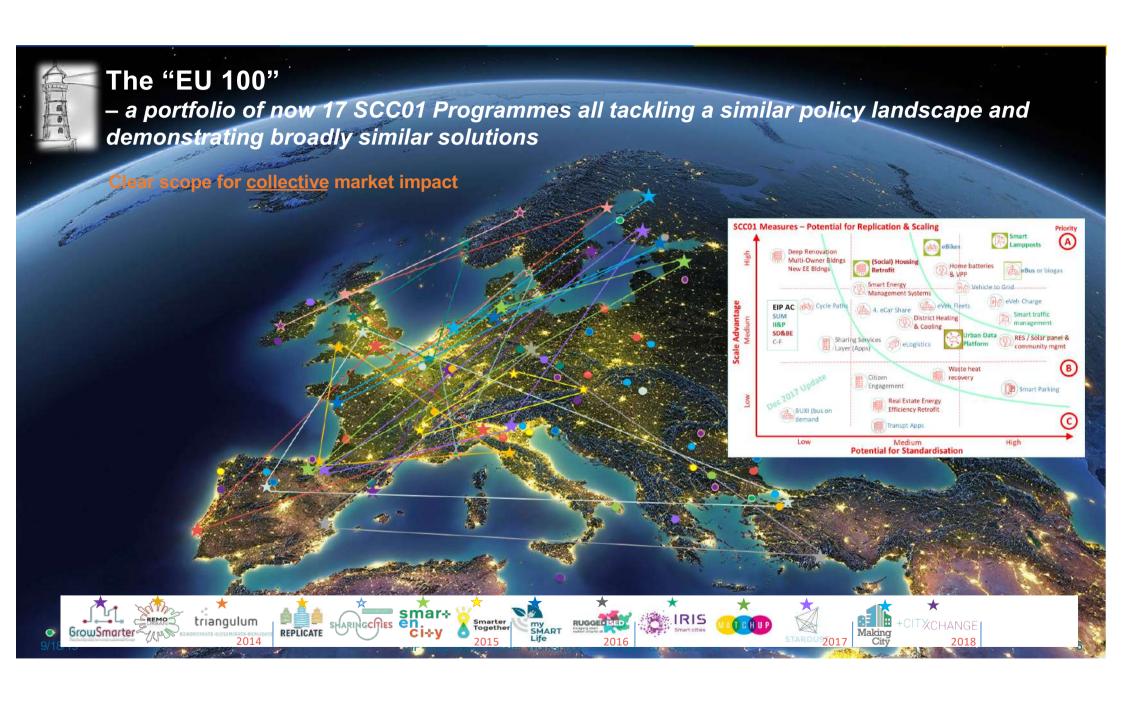
This 21-pt Action Plan has been taken to the next level of detail to stimulate sector actions, and monitor progress







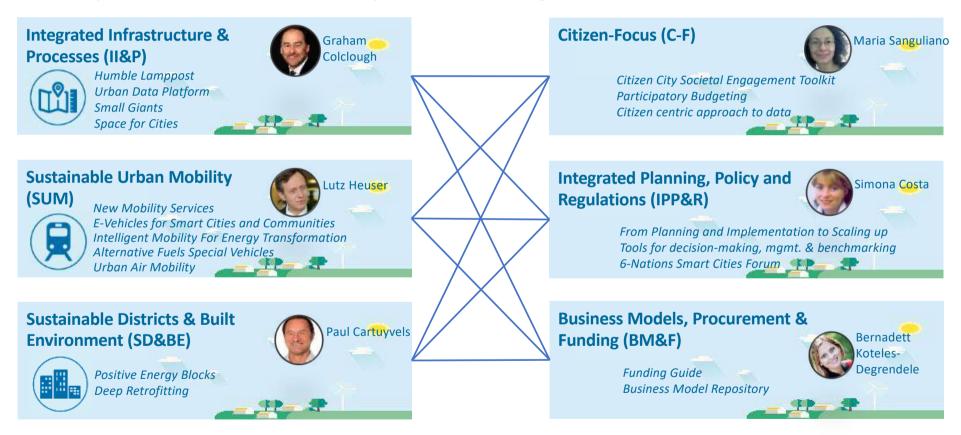
... potential input to the Mission programme?...



#### The European Innovation Partnership for Smart Cities & Communities (EIP-SCC)

A non-funded vehicle supported by the European Commission to stimulate change in the Smart Cities market

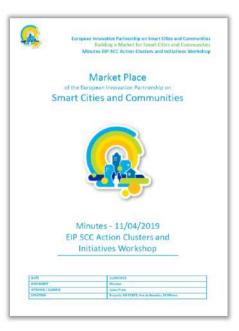
Six interdependent "Action Clusters" with multiple initiatives involving all forms of actor in the market

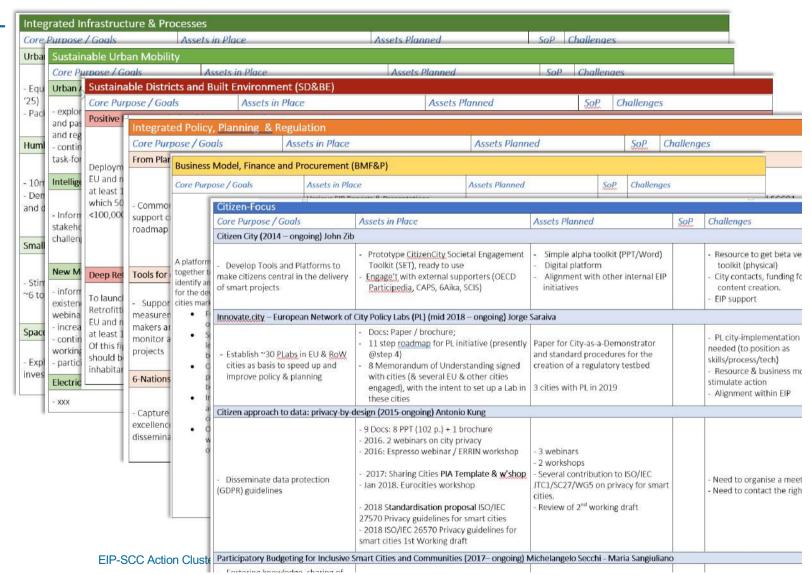


### **April Initiatives "State-of- Play" Workshop**

#### **April 2019 addressed**

- Goals
- Assets Delivered
- Assets Planned
- SoP
- Challenges

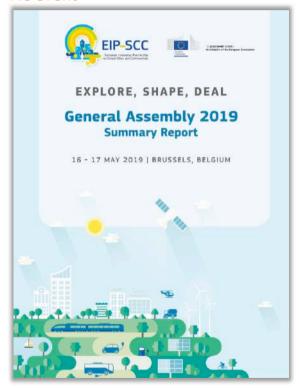


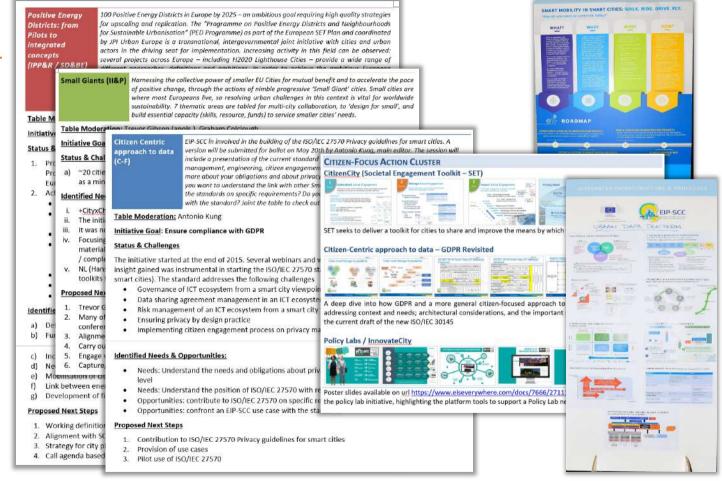


The May '19 General Assembly harvested some valuable content, and developed some very practical

**Initiative-specific plans** 

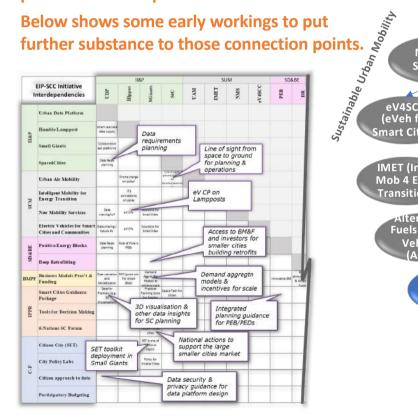
The April Workshop and May GA
<a href="mailto:report">report</a> form the basis for the Stavanger
AC event

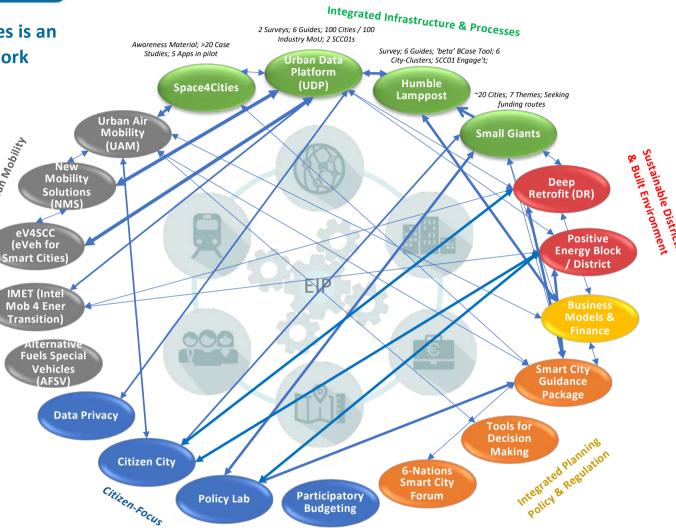




Inter-dependencies between the initiatives is an emerging activity that warrants further work

The illustration to right provides an emerging picture of interdependencies.





#### **AC Workshop Plans**

#### **Finding Funding Routes**

#### Within the AC Initiative discussions we will seek to inform resource and funding opportunities

## Experience to date of EIP-SCC Initiatives has pointed to two key Funding Pinch Points

- 1. "Seed Funding" of good ideas from the EIP that need modest resource and funds to shape a compelling proposition an early stage challenge
- 2. "Demand Aggregation" stimulus funding to incentivise scale on amongst cities

The adjacent table offers thoughts on potential funding sources that could be considered.

#	Potential Funding Sources	Short	Med	Long
1	EC Project Funds: e.g. the EC commissioned work of JIIP to support SUM initiatives		X	Х
2	<b>SCC01 funding</b> : e.g. the initial C-F Privacy workshops have been paid for by one commissioned SCC01, and dialogue has started with others	Х	Х	
3	<b>Strategic EU or National Government (R&amp;I) funds</b> : e.g. one EIP initiative approached the EC at political level to seek strategic funds		Х	
4	<b>H2020 funding</b> : bid for H2020 calls. This represents a double investment in several instances for EIP stakeholders that have already committed in kind.		Х	
5	<b>Investor Grant Funds</b> : e.g. EIB Tech Assist grant funds. Generally, the investor community is less engaged in the EIP so expectations of their desire to fund initiatives should be modest		Х	X
6	<b>Demand / Supply Funds</b> : either seeking cities to pay modest amount to adopt tools; or access Industry funds / resource for coordination activities and development of tools. Neither has proven successful to date however in theory should be explored	x	X	
7	<b>Philanthropic</b> : early approaches were made by cities to two philanthropic actors for the Urban Data Platform – again with no success.		X	Х
8	Crowdfunding: this is in discussion as regards one of the C-F initiatives		X	Χ
9	<b>Commercialisation of tools</b> : i.e. develop product within the initiative that is then sold to consumers. This risks lack of engagement of the demand side in particular in development, and a distrust of the openness of the eventual product. A model that in theory should be entirely sustainable, however must be tackled with care.		X	X