



IMPLEMENTATION OF THE ROADMAP 2016

1. OVERVIEW

ACTION CLUSTER	INITIATIVE	CITIES ENGAGED	INDUSTRY ENGAGED	ACADEMIA & EU ¹ NETWORKS	DELIVERABLES
Citizen Focus	<i>Action Cluster as a whole</i>	20	25	40	- Manifesto on Citizen Engagement - Conference on Inclusive Smart Cities
	Citizen City	2	5	10	- Co-Creating Smart Cities - Transformcity Use Case - My Neighbourhood Use Case
	Citizen-Centric approach data	6	8	8	- <i>Guidelines on GDPR (to be presented end November)</i>
Integrated Infrastructure s & Processes	Humble Lamppost	15 + 7 City-clusters	10	4	-SCC Smart Lamppost Decision Support Tool
	Urban Platforms	24 + 2 networks	37	7	- Requirements definition -Leadership Guide -Management Framework -Reference Architecture
Business Models	<i>Action Cluster as a whole</i>	10	9	13	- Local Innovation Ecosystems report - Funding Guide / Online Funding Tool
Sustainable Districts & Built Environment	Small Giants	14	4	9	-
	Positive Energy Blocks	12	10	9	-List of Frontrunners - Kick-off of field visits
Sustainable Urban Mobility	Electromobility	23	35	10	- Scaling-up Electromobility Solutions in Europe Manifesto -eBus procurement principles -EIB investment proposal on car sharing
	New Mobility Services	4	9	9	- Scaling-up New Mobility Services in Europe Manifesto
Integrated Planning, Policy & Regulation	From Planning & Implement. to Scaling up of Smart Cities	30	10	8	-Smart Cities Guidance Package
	Tools for Decision Making, Management and Benchmarking	15	10	15	-Validated categories and sub-themes for KPIs -Agreement to further develop KPIs for Small Giants -Contribution of KPIs chapter in Smart Cities Guidance Package
	Cross-Nations Exchange	6 National Governments			- Smart Cities National Blueprint - Clarifying Central Government Roles - 6-Nations Consolidated Assessment
ESTIMATED TOTAL <i>Entities participating in several initiatives are counted just once</i>		>100	>100	>100	-14 Guiding documents / tools -5 Manifestos, letters of intent -2 investments planned

¹ EU Networks refers to other than city networks.



2. PROGRESS PER ACTION CLUSTER

2.1 CITIZEN FOCUS

The **Citizen Focus** Action Cluster has envisaged the engagement of more than 50 cities through the development of the Manifesto on Citizen Engagement, officially launched on 23rd November 2016 during the Conference 'Inclusive Smart Cities: A European manifesto on Citizen Engagement'. Next steps will focus on the support to the implementation of the actions included in the Manifesto, project building becoming a key objective (in collaboration with the two initiatives of the Action Cluster).

- Engagement: **20 cities + 25 industries + 40 academia & relevant EU networks** are currently involved in the Manifesto.
- Deliverables: [Manifesto on Citizen Engagement](#) (officially launched on 23rd November 2016) and [Conference on Inclusive Smart Cities: A European Manifesto on Citizen Engagement](#).

2.1.1 CITIZEN CITY

The Initiative has analysed the state of the art of co-creation as a starting point to develop Citizen Engagement Guidelines to support the Manifesto. The first version of the Guidebook will be presented at the Manifesto launch conference. In addition, a webinar on [Inclusive Smart Cities](#) took place on 18th March 2016.

- Engagement: **2 cities + 5 industries + 10 academia & relevant EU networks**.
- Deliverables: [Co-creating Smart Cities](#) report (published on 26th September 2016), including 2 co-creation case studies: [TransformCity](#) (launched on 26th September 2016) and [My Neighbourhood](#) (published on 18th October 2016). 2 new case studies are to be published before 23 Nov.

2.1.2 CITIZEN-CENTRIC APPROACH TO DATA

The Initiative has focused on creating awareness on GDPR (General Data Protection Regulation). Some webinars and workshop have been organised during the last months to further discuss on this topic (2 webinars on [Addressing Privacy in Smart Cities](#) before the GA and 1 workshop on [General Data Protection – Are You Up to Speed?](#) on 22nd September 2016). Guidelines on GDPR will be presented at the AC Meetings on 22nd November.

- Engagement: **6 cities + 8 industries + 8 academia & relevant EU networks**.
- Deliverables: Guidelines on GDPR.

2.2 INTEGRATED INFRASTRUCTURES AND PROCESSES ACTION CLUSTER

2.2.1 HUMBLE LAMPPPOST

The Initiative has directly engaged 15 cities (demand-side), 10 industries (supply-side) and 7 City-Clusters, 4 of them lined for an EIB ELENA technical assistance grant request. In addition, further 20-50



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cities are intrigued and other 8 industries signed up to the DE Humble Lamppost standardisation initiative.

- Engagement: **15 cities + 7 City-Clusters + 10 industries + 4 academia & relevant EU networks.**
- Deliverables: The second version of the **SCC Smart Lamppost Decision Support Tool** will be published soon.

2.2.2 URBAN PLATFORMS

The Initiative has so far involved **24 cities** and **2 networks** of cities from 13 EU countries committed to align a set of demand needs to help accelerate adoption in the market of innovative urban platforms solutions (LoI). In addition, **44 organisations** (supply-side) signed up the Urban Platforms MoU. A workshop on [Urban Platforms – From Joint Requirements to Standards](#) was held on 16th November 2016 in Barcelona in the scope of the Smart City Expo World Congress.

- Engagement: **24 cities + 2 networks of cities + 37 industries and 7 academia & EU networks.**
- Deliverables: [Requirements definition](#) (delivered in February 2016); Leadership Guide (first draft delivered in October 2016); Management Framework (first draft delivered in October 2016); and Reference Architecture (first draft delivered in October 2016).

2.3 BUSINESS MODELS, FINANCE AND PROCUREMENT

The **Business Models** Action Cluster is currently carrying out re-engagement activities, particularly towards city representatives, starting collaboration with SCC01 projects and strengthening its collaboration with the Covenant of Mayors and other EU projects, such as CITYinvest and Smart Impact. Two webinars took place on 10th May 2016 ([Local Innovation Ecosystems](#)) and 8th July 2016 ([Increasing Capacities in Cities for innovating Financing in Energy Efficiency](#)). A third one was held on 24th November 2016 ([How Can Cities Enhance Collaboration with Businesses](#)).

- Engagements: **10 cities + 9 industries + 13 academia & other EU networks.**
- Deliverables: the first draft of the report on [Local Innovation Ecosystems](#) was published in May 2016 and the [Online Funding Tool](#) will be launched during the AC Meetings on 22nd November 2016.

2.4 SUSTAINABLE DISTRICTS AND BUILT ENVIRONMENT

2.4.1 SMALL GIANTS

The Initiative has ambassadors in England and the Netherlands. The purpose of the group is to have an ambassador per country. To achieve this, they are currently talking to possible ambassadors in Sweden and Portugal.

Currently, the focus of the initiative is to support the roll-out of Positive Energy Blocks in small to medium size cities. In order to raise awareness and engage new members a joint webinar on this issue ([Positive Energy Blocks for Small and Medium Sized Cities](#)) was held on 3rd November with the support of Engerati.



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- Engagement: **14 cities + 4 industries + 9 academia & relevant EU networks.**

2.4.2 POSITIVE ENERGY BLOCKS

The Initiative was launched at the AC meetings in February 2016 and the team has been working in the identification of PEB frontrunners (Lyon, Milan, etc). It is very much focused in project building. In addition, it has started a series of field visits to increase awareness on Positive Energy Blocks and to start exploring collaboration opportunities with key actors. The objective of the first visit, which took place on 8th November 2016, was to show stakeholders the real examples of PEB in Lyon.

- Engagement: **12 cities + 10 industries + 9 academia & other EU networks.**
- Deliverables: List of frontrunners, [kick-off of field visits](#).

2.5 SUSTAINABLE URBAN MOBILITY

Some events have been organized by this Action Cluster in 2016. On 28th January, the two initiatives of the group were launched during the Conference [Transport for Smart Cities 2016: Scaling Innovation in Europe](#) and on 27th May 2016 the workshop [Sustainable Urban Mobility – Cities of the Future](#) took place in Genoa (Italy). In addition, an after summer webinar was held on 25th August 2016 ([What is Planned in Electro-mobility & New Mobility Services for the Next Months?](#)) to set out the Initiatives' actions and ambitions for the third quarter of 2016 and a [session on Electromobility and New Mobility Services](#) was organized in the scope of the CIVITAS Forum Session.

2.5.1 ELECTROMOBILITY

The Initiative has engaged 16 cities and regions, 7 Government agencies and PPPs, 5 Global Companies, 7 Industry and non-governmental organizations, 16 SMEs & consultancy, 10 research organization, 4 transport service provider and 3 energy companies.

There are currently **4 working groups** that were formed during the EIP-SCC 2016 General Assembly, each one with its own leader and targets: **e-freight** (Copenhaguen / FREVUE), **e-fleet** (Lutz Heuzer is leading –about Carsharing, trying to get ELENA support), **e-bus** (Gothenburg in collaboration with a H2020 project on ebuses), **e-Planning and smart charging** (Ille de France supported by consulting firm).

- Engagement: **23 cities + 35 industry + 10 academia and relevant EU networks.**
- Deliverables: [List of partners](#); the Manifesto on [Scaling-up Electromobility Solutions in Europe](#) (launched in January 2016) is open for signatories. In addition, an EIB Investment Proposal has been submitted by three carbon neutral car sharing companies and the eBus procurement principles have been discussed and will be approved during the AC Meetings on 22nd November 2016.

2.5.2 NEW MOBILITY SERVICES

The Initiative has regular contact with the cities of Grand Lyon and Birmingham; with the industries Vedecom, Transdev, UITP, Softeco, Consorzio per il Sistema Informativo (CSI Piemonte), Rome Mobility Agency and with LuxInnovation, Eurocities and Polis.



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- Engagement: **4 cities + 9 industry + 9 academia and relevant EU networks.**
- Deliverables: The Manifesto on [Scaling-up New Mobility Services in Europe](#) was officially launched in January 2016 and is open for signatories.

2.6 INTEGRATED PLANNING, POLICY AND REGULATION

2.6.1 FROM PLANNING & IMPLEMENTATION TO SCALING UP OF SMART CITIES

The Initiative is a result of a merging of the From planning to implementation initiative and the previous Scaling up and replication of Smart City plans which took place during the EIP-SCC 2016 General Assembly. A workshop on the [Next Steps in Developing the Smart City Guidance Package](#) was organised on 22nd September 2016 and a second one on [Accelerating Urban Transition: Tapping the Full Potential of Smart City and Community Pilots](#) will be held in the scope of the Smart City Expo World Congress in Barcelona.

- Engagement: **30 cities + 10 industry + 8 academia & relevant EU networks.**
- Deliverables: the Smart Cities Guidance Package is being co-created with cities and it is expected to be published early spring 2017.

2.6.2 TOOLS FOR DECISION MAKING

The Initiative has engaged Cities, Industries, Citykeys, EUROCITIES, TRANSFORM, REMOURBAN, ORGALIME, SCIS, RFSC, Covenant of Mayors, CEN/CENELEC/ ETSI CG SSCC, ISO TC 268, UN ECE-IUT WG. The Initiative collaborates with key initiatives in Europe and on a global level to standardise a common set of categories of KPIs with the aim to support decision makers to de-risk Smart Cities investment and make projects bankable.

- Engagement: **15 cities + 10 industries + 15 academia and other EU networks.**
- Deliverables: Validated categories (4) for KPIs in Smart Cities (launched during GA 2016), Validated sub-themes for Smart Cities: People, Planet, Prosperity, Governance, Replication & Scalability (Workshop during Green Week 2016), Agreement to test/further develop KPIs in and for Small Giants (Workshop 12 October Week of Innovative Cities and Regions 2016), Contribution of chapter on KPIs to Smart Cities Guidance Package (first draft and more info will follow after the test with the Small Giants Initiative, probably end 2016).

2.6.3 CROSS-NATIONS EXCHANGE

The Initiative was born from the '[Six Nations Forum](#)' Commitment and it involves 6 EU nations: Austria, France, Germany, the Netherlands, Spain and UK.

- Engagement: 6 national governments.
- Deliverables: [Smart Cities National Blueprint](#), [Clarifying Central Government Roles](#), [6-Nations Consolidated Assessment](#).