

The Marketplace of the European Innovation Partnership on Smart Cities and Communities (EIP-SCC)

How the **Marketplace team** can help you launch
Smart City solutions



SUMMARY

SUPPORT EUROPE'S CITIES IN GETTING SMARTER

EUROPEAN CITIES: CHAMPIONS FOR CHANGE

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ABOUT

The European Innovation Partnership on Smart Cities and Communities (EIP-SCC) is a major market changing undertaking supported by the European Commission bringing together cities, industries, SMEs, investors, researchers and other smart city actors.

The EIP-SCC Marketplace plays a distinctive and new role compared to other European Commission platforms. Engaging cities, industry and financiers in interest matching activities, leading to project design and delivery shall be the Marketplace's team objective. Building solutions and facilitation are the two main tasks of the Marketplace to help deliver investments.

SUPPORT EUROPE'S CITIES IN BECOMING SMARTER

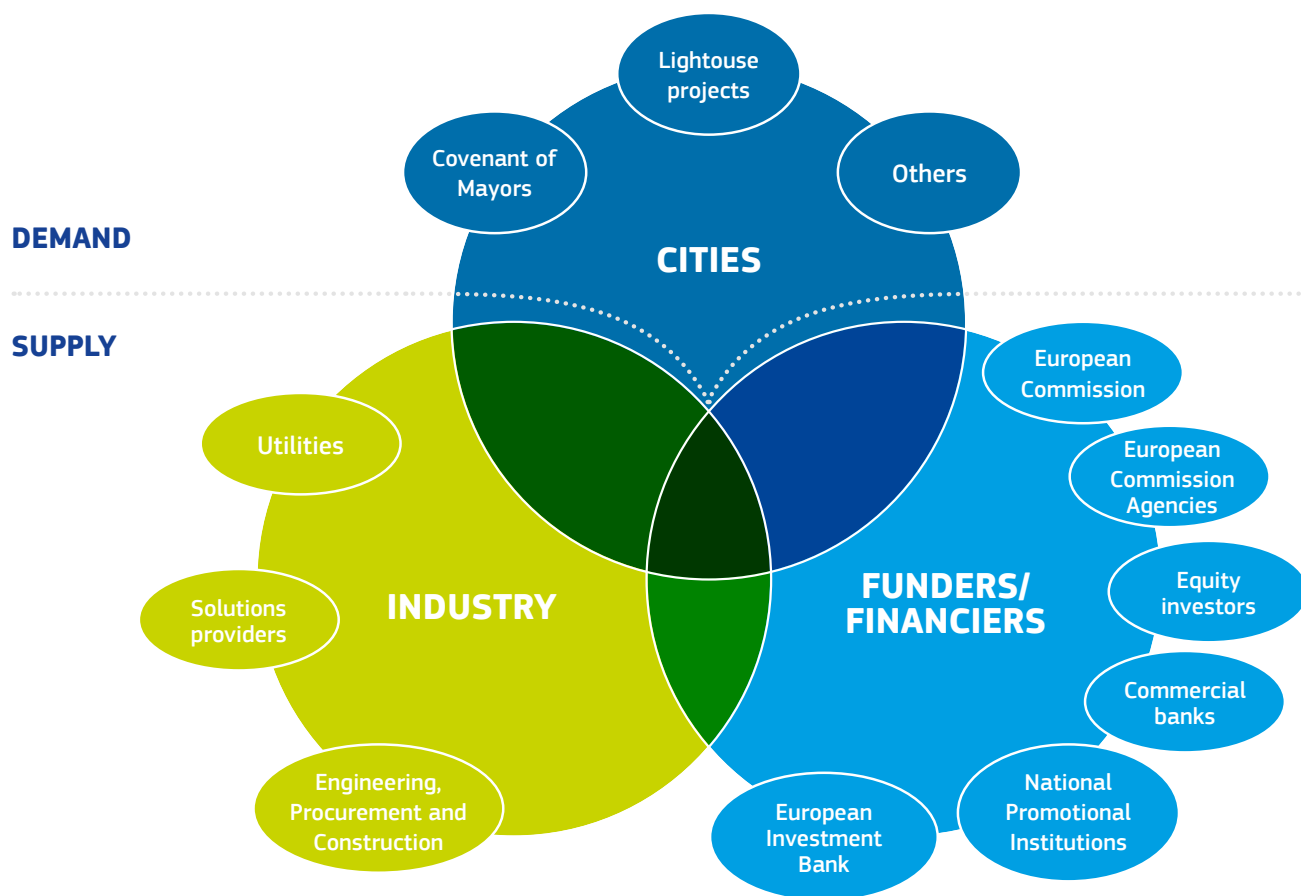
The European Innovation Partnership on Smart Cities and Communities (EIP-SCC) seeks to:

- Improve quality of life of EU citizens
- Increase competitiveness of Europe's industry and innovative small and medium-sized enterprises
- Make our cities more competitive and better places to live in
- Share knowledge to replicate success, and prevent mistakes being repeated
- Reach our energy and climate targets
- Support you in finding the right partners and solutions

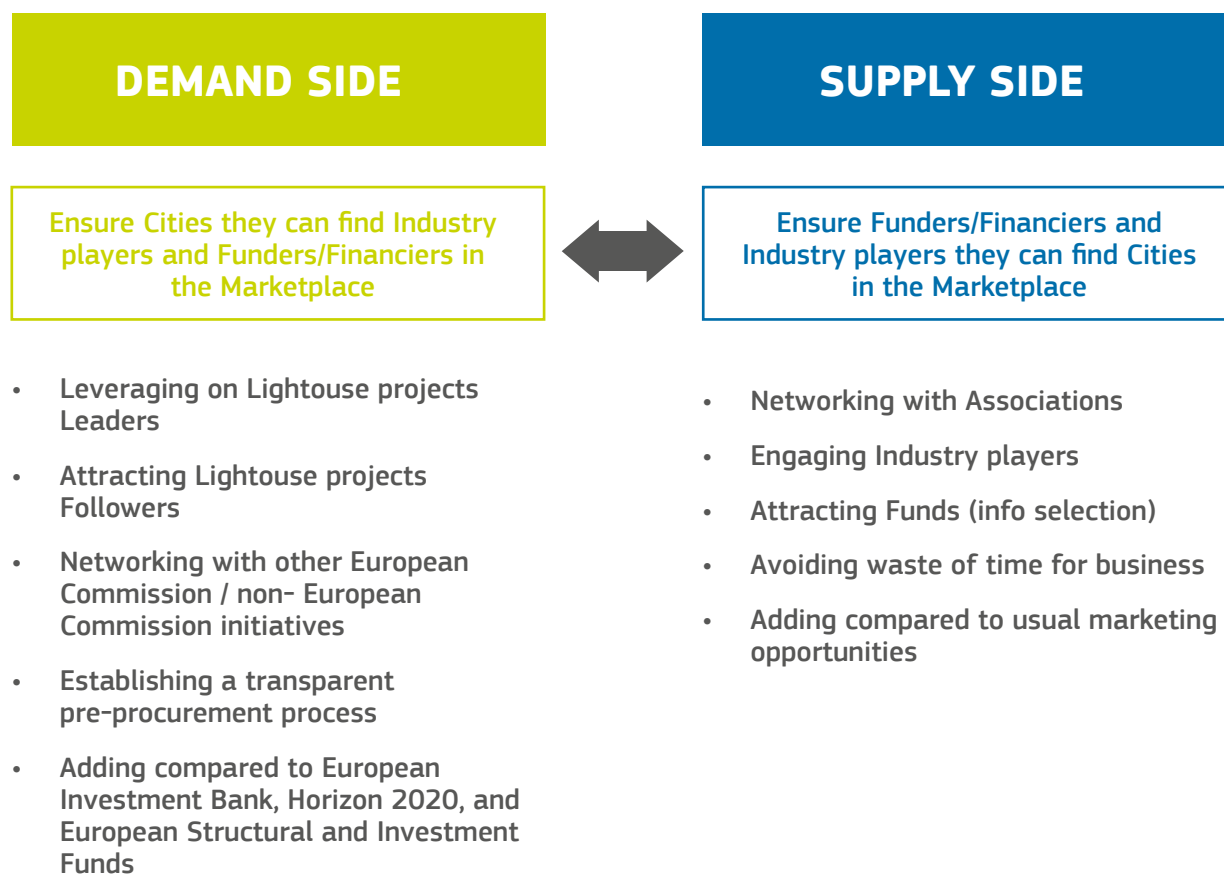
It's about achieving social, environmental and economic sustainability for our cities.



KEY STAKEHOLDERS



HOW DEMAND AND SUPPLY CAN MEET IN THE MARKETPLACE



THE MARKETPLACE TEAM ACTIVITY FACILITATES



INVESTMENTS

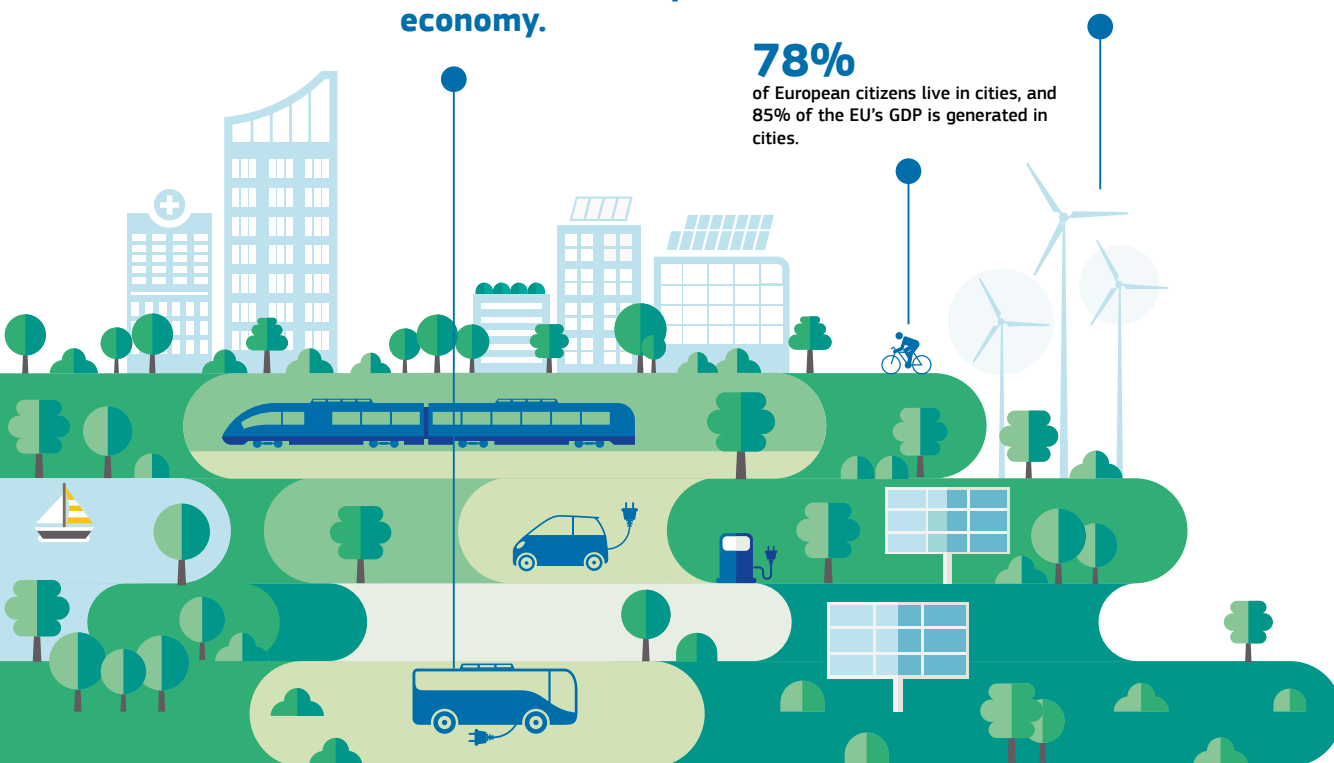


European cities are champions in the much-needed transition towards a low carbon, resource efficient and competitive economy. Our urban areas are central to deliver on key challenges for Europe's society and economy. At the heart of our cities, you will find dynamic jobs, growth, investment and innovation. Europe's leading policymakers prioritise sustainability: a value enshrined in the EU Horizon 2020 objectives, focussing on energy efficiency and low-carbon development.

low carbon, resource efficient and competitive economy.

Cities are central to deliver on key challenges for Europe's society and economy: jobs, growth and investment, innovation, energy- efficiency, low-carbon development and CO2 reduction.

of European citizens live in cities, and 85% of the EU's GDP is generated in cities



Violeta Bulc - European Commissioner for Transport



EUROPEAN CITIES: CHAMPIONS FOR CHANGE

Why Smart Cities and Communities?

Opportunities:

Linking and upgrading infrastructures, technologies and services in key urban sectors (transport, buildings, energy, ICT) in a smart way will improve quality of life, competitiveness and sustainability of our cities.

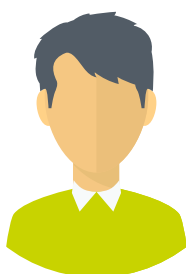
This is a strong growth market, estimated globally to be worth €1.3 trillion in 2020 – a great export market for European business.

Challenges:

The European market is very fragmented, offering resilience and choice, however missing out on potential economies of scope and scale; and collaborative learning.

Many innovative solutions require new business models and financing solutions to decrease risk. Since demand for better infrastructure and services is high and still increasing, however public budget are under pressure, knowledge needs to be shared effectively and capacities developed.

“The key to quickly accelerate Smart City solutions is to stimulate the market. We do this through smart standardisation, open platforms that facilitate development and interoperability, and flexibility in our approach.” [Peter Molengraaf, CEO Alliander](#)



ACTION CLUSTERS

An Action Cluster is an assembly of partners committing to work on specific issues related to smart cities, by sharing the knowledge and expertise with their peers, giving added-value to their national and local experience and identifying gaps that need to be fulfilled at European level. The work of each Action Clusters is gathered under thematic Initiatives.

The six Action Clusters which have been set up so far are:



**Sustainable Districts
and Built Environment**



**Integrated Infrastructures
& Processes (including
Open Data)**



**Sustainable Urban
Mobility**



**Business Models,
Finance and Procurement**



Citizen Focus



**Integrated Planning /
Policy & Regulations**

**The six Action Clusters organise a marketplace
of 6.000+ partners from over 31 countries.**

ACTION CLUSTERS



1. SUSTAINABLE DISTRICTS AND BUILT ENVIRONMENT

The main challenges in ‘Sustainable Districts and Built Environment’ is to reduce energy use, environmental impact and carbon footprint, entail competitive industries for jobs and growth and at the same time ensure societal and social development and the well-being of citizens. The investment needed to improve energy efficiency, generate low carbon energy, modernize infrastructure and create high quality living environments is enormous. At the same time, cities have limited access to planned financial resources for systemic change, which requires the activation of private capital combined with public investment.

RECOGNIZING EVERY CITY HAS ITS DIFFERENT SURROUNDINGS, IT IS ESSENTIAL TO COMBINE REQUIREMENTS:

- To give stakeholders (industry, cities, operators...) tools needed to take appropriate systemic or individual decisions and facilitate scaling up solutions by enabling industries to provide solutions that are fit for purpose and at the same time come with reasonable pricing and quality.
- To provide the large scale launching ground needed for new concepts to test and unleash the market, and to test and implement new financial products and models.



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DEEP RETROFITTING

Standing the challenge of the strategic energy saving potential by improving the existing building stock.

To launch by 2020 100 Deep Retrofitting Sites (DRS) throughout EU and neighbouring countries, with at least 1 site per EU Member State. Of this figure, 50% of the sites should be in cities with <100,000 inhabitants.

WHAT?

A Deep Retrofitting site is composed of one or more buildings that will undergo transformations permitting either the division by three of their energy consumption/ CO2 emissions or to bring them to passive level (<50KWh.m²/year).

These buildings should be selected among different purposes (housing, offices, commercial spaces...) in order to test and illustrate a variety of solutions.



WHY?

This adaptable and integrated Initiative aims at boosting what is one of the most strategic actions to reach the energy saving objectives set at EU level. Indeed, the building stock is responsible of around 40% of the energy consumption and 40% of the CO2 emissions. DRS particularly focuses on taking-up bioclimatic architecture, advanced materials, Information and Communication Technologies (ICT) with on-site renewable energy production. Aim of this Initiative is to improve the quality of life promoting, through the retrofitting of the buildings, citizen-oriented and sustainable solutions.



WHO?

This Initiative will be led by representatives from Cities (supported by representatives from the construction sector), with DRS being rolled-out on preferably central locations in cities.

Stakeholders with various backgrounds (companies, cities, consultancies, associations, research organisations) are also participating to the initiative.



HOW?

An integrated approach towards DRS may be taken: focusing on mixed-usage buildings (new built and retrofitted) with a strong emphasis on ICT solutions and involvement of both private and public sector stakeholders. Financing may come from public and private investment by banks, industry, national funding schemes or EU schemes such as EIB, ERDF, Horizon 2020 (ensuring a due link with regional Smart Specialisation Strategies). Strong emphasis is put on sustainable business models and innovative financing like Energy Performance Contracting (EPC), renovation in occupied sites, the wooden attic concept, densification of surfaces, mutualisation of services between buildings.



POSITIVE ENERGY BLOCKS (PEB)

At least three connected neighbouring buildings producing on a yearly basis more primary energy than what they use.

To launch by 2020 the construction of 100 positive energy blocks throughout European Commission and neighbouring countries, with at least 1 positive energy block per European Commission Member State. Of this figure, 50% of the positive energy blocks should be in cities with <100,000 inhabitants.

WHAT?

A Positive Energy Block - PEB is a group of at least three connected neighbouring buildings producing on a yearly basis more primary energy than what they use.

These buildings must serve different purposes (housing, offices, commercial spaces...) to take advantage of complementary energy consumption curves and optimise local renewable energy production, consumption and storage.



WHY?

This adaptable and integrated Initiative aims to represent the "seeds" for an urban regeneration for cities of all sizes and regions of Europe.

PEBs, mainly focussed on energy, can also help with taking-up bioclimatic architecture, advanced materials, Information and communication Technologies (ICT) with on-site renewable energy production (solar, geothermal, biofuels locally produced used for cogeneration...)

It will contribute to tackling Social, Climate/Environmental and Economic challenges by promoting citizen-oriented, sustainable solutions that will improve quality of life.



WHO?

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ACTION CLUSTERS



2. INTEGRATED INFRASTRUCTURES AND PROCESSES

Significant and as yet insufficiently tapped value is offered by integrating the various existing and new infrastructure networks within and across cities – be they energy, transport, communications or others – rather than duplicating these needlessly. This point applies, both, to active and passive infrastructure. Many such infrastructures are ageing; budgets to replace them are stretched; they are procured and managed ‘in silos’; yet the potential afforded to cities and their customers through new joined-up approaches, exploiting modern technologies is substantial. This is achievable; however it will take sustained commitment from multiple parties to access value.

INTEGRATED INFRASTRUCTURE MAY ADDRESS FOR EXAMPLE:

- Smart Lampposts
- Urban Data Platforms
- Smart Planning for shared infrastructures
- Urban Resilience
- Exploiting city-wide public assets

THREE INITIATIVES ARE CURRENTLY IN PROGRESS:

- [HUMBLE LAMPPOST](#)
- [URBAN DATA PLATFORMS](#)
- [SMALL GIANTS](#)

The Action Cluster is now shifting focus towards scale adoption of common solutions for the two mature initiatives, and aligning the significant SCC01 ‘Lighthouse’ Programme activities with the EIP. Clearly collaboration across the other action clusters is vital for sustained success.



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URBAN PLATFORM

Solutions that help cities digitise their services and connect across them

The goal is to speed the adoption at scale of common open urban data platforms, and ensure that by 2025, 300 million European citizens are served by cities with competent urban data platforms

WHAT?

Urban Platforms form a core building block by which cities manage in a better way the current explosion in **volumes of city data** and more easily share this data between city services in order to improve outcomes for society.



WHY?

- can help streamline **urban mobility systems**;
- deliver **improved health and wellbeing outcomes**;
- reduce **energy consumption** and support use of **local low-carbon** energy;
- connecting city assets to enable more **joined-up multi-purpose services and infrastructures**.



WHO?

- **Demand Side - Letter of Interest:** currently more than 100 cities, have signed their LoI for collaboration for status & needs assessment of cities.
- **Supply side (Industry) – Memorandum of Understanding:** Currently more than 90 signatories of MoU led by SAP, to open common Reference Architecture for UP solution.
- **Standards – ESPRESSO** (EC funded project), for development of a conceptual Smart City Information, Framework based on open standards.



HOW?

- **Demand Side:** City Needs Specifications to support technical staff in capturing their requirements, Leadership Guide for political and professional city leaders, Management Framework to help service owners collectively agree how best to move forward;
- **Supply Side:** Reference Architecture document is published to assure cities that industry will adhere to an open standard;
- **Standards:** work across national & international standards organisations to provide a suit of quality guidance to all actors in the market;
- **Mobile SCC01 cities** as demonstrators of urban platforms.



SMALL GIANTS

Identify and support 50 EU 'Small Giant' cities to deliver tangible smart city solutions tailored to their collective needs

Our task is to search out the smaller innovative cities that can make rapid advancement; take the perspective of the smaller cities, and 'design for small' rather than accept designs made by large. The target and focus for this initiative are presently still in formation, however the initial agreed action is around "Circular Cities", engaging a group of 10 EU "Small Giants".

HUMBLE LAMPPOST

An open affordable component-based city lamppost solution

Upgrade 10 million of the 60-90 million lampposts across Europe (~14% of total)

WHAT?

A Humble Lamppost enables lighting (LED) upgrades and other smart city services (public Wi-Fi, environmental monitoring, public engagement, mobility, etc.)



WHY?

- Energy and operational **budget savings**;
- **More control** over, and better, lighting – that means increased safety and less frustrated residents;
- Deliver additional **value-added services**;
- A great **low-risk fast-start** into 'smart cities'.



WHO?

- **Role of Demand Side:** cities should ensure that 'smart' lighting is considered when evaluating smart action plans (+3 city clusters involved)
- **Role of Supply Side:** industry should collaborate to form ecosystems that bring a coherent affordable proposition to the market.



HOW?

- delivering a readiness **toolkit** to help guide cities through the analysis and decision making process;
- publishing **technical standards** that align demand and supply around a common component-based design;
- engaging investors to develop **business models** that helps speed the transition, structure and provide access to finance;
- aligning **demand needs and aggregate demand**, in order to reap scale advantage;
- **Convening supply, demand, and investors** to help speed pre-procurement and build market confidence.



13. EU-China Initiative
14. Packaged solutions for scale replication
15. The role of Structural Funds to stimulate Blending of Finances
16. Building Confidence & Smart City Roadmap
17. The Role of National & Regional Gov't to stimulate market
18. Participatory Budgeting for Smart Cities and Communities

ACTION CLUSTERS



3. SUSTAINABLE URBAN MOBILITY

Without significant deployment and penetration of new urban mobility solutions, it will be impossible to reach European urban mobility goals. Getting wide-scale deployment can be achieved in many ways; scaling in other locations, or working with new partners.

The EIP-SCC Action Cluster Sustainable Urban Mobility brings together cities and regions with companies to show-case innovative mobility solutions and support their replication at scale in key market segments. It aims to become the leading platform for understanding (and documenting) city needs, bringing stakeholders together, building the tools that support an innovation pipeline, and directly supporting individual networks and projects that are en-route to realisation.

In addition, the European Commission has hired the services of JIIP/The Extremely Useful Company who can help practitioners to assess the investment readiness of projects, identify investment opportunities and connect the project partners with investors and financiers



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INTELLIGENT MOBILITY FOR ENERGY TRANSITION (IMET)

Going beyond zero emissions

The Intelligent Mobility vision of the initiative is a framework to move towards a new e-mobility ecosystem: sustainable, environmentally friendly and concerned about citizen's health.

In line with it, the initiative intends to work holistically around three innovation areas:

- Intelligent Power – towards zero emissions, spearheaded by electric vehicles;
- Intelligent Integration – towards vertical integration of urban infrastructures through the development of new mobility and energy services;
- Intelligent Driving – towards zero fatalities and connected cars, spearheaded by autonomous drive technology.

NEW MOBILITY SERVICES

Facilitating deployment of seamless door-to-door mobility services

- Help to better integrate and manage urban transport
- Contribute to the development of collective systems for seamless multi-modal mobility (door-to-door)
- Create an open and collaborative marketplace for new mobility services in Europe

WHAT?

- Replication of tested mobility services innovation at large scale (> 50 cities)
- Cooperation of regional innovation clusters as test beds for innovation



WHY?

- Smart transport and mobility is a key global growth market (up to USD 1.3 trillion in 2025)
- Large-scale roll out in Europe is hampered by lack of interoperability
- Better collaboration will support European public and private partners



HOW?

- Support and sign the Memorandum of Action that was launched on 28 January 2016 in the presence of Commissioner for Transport Violeta Bulc.
- Join our webinars and physical meetings to get engaged in cooperation and replication



URBAN AIR MOBILITY (UAM)

Putting urban mobility into the third dimension - the airspace (Flying vehicles)

Urban mobility today is at its crossroads. In the EU, traffic congestion currently costs almost €100 billion a year. The reason behind this working group is to contribute to the enablement of urban mobility into the third dimension – the air.



EV4SCC – ELECTRIC VEHICLE FOR SUSTAINABLE CITIES AND COMMUNITIES

Creating a dynamic European marketplace for smart electromobility solutions

Become the Biggest EU network in the field of EV and possibly in the world

WHAT?

- Intelligent management of public and private fleets of electric-vehicles
- Smart urban logistics
- Smart electrification of public transport
- Autonomous vehicles
- Innovative integrated infrastructure solutions
- Smart electro-mobility solutions that serve multi-modal mobility services



WHY?

- EVs can make cities smarter and more sustainable
- Deployment of electromobility is too slow
- E-mobility brings new opportunities
- Supply doesn't always match the demand



WHO?

In June 2017, the platform represents 83 partners from 19 countries.



HOW?

In June 2017, the platform represents 83 partners from 19 countries.



ALTERNATIVE FUELS SPECIAL VEHICLES (AFSV)

Defining a Guideline for the effective Implementation of a Sustainable Alternative Fuel Strategy for Special Vehicles to meet the needs of the developing Smart Cities.

The aim of the initiative is to create a guideline that draws on the very latest and most appropriate technologies to recommend to cities to help steer a clear path in order to achieve the zero emission target. The principle will be to establish the guideline then set up pilots, taking account of available funding, to create a basis upon which other cities may follow.

ACTION CLUSTERS



4. BUSINESS MODELS, FINANCE AND PROCUREMENT

To get smart, cities need responsive business models and adaptive funding. The new challenges facing our cities require new business models, finance & funding instruments and procurement schemes. This means establishing dialogue between public and private sectors to identify and remove any obstacles that stand in the way of the smart cities market.

The Business Model Action Cluster is designed specifically to achieve this, providing a platform where local authorities, financial institutions, businesses, SMEs and other relevant actors can work together. European smart city projects, including present and future lighthouse projects, will use our platform as a focal point for the gathering and sharing of information about innovative business and procurement models.

The platform will give cities better access to financial instruments, providing invaluable knowledge about financing and funding opportunities and directly engaging the financial community.

WE ENABLE KNOWLEDGE SHARING BY:

- Providing up to date funding and financing possibilities through an interactive funding guide;
- Enhancing collaboration between smart cities lighthouse projects and other projects working on smart cities finance solutions;
- Encouraging dialogue between cities, businesses and financial actors;
- Gathering business model case studies;
- Providing examples of successful local innovation ecosystems.



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BUSINESS MODELS FOR SMART CITY SOLUTIONS

Unlocking the SCC potential

The AC aims to guide cities and their relevant partners in the search for information about innovative business and procurement models, financing and funding opportunities.

WHAT?

The Business Model Action Cluster is a platform where stakeholders work together to establish a dialogue, identify and remove the obstacles for the development of a smart cities market.

The action cluster wants to be a focal point for the gathering and sharing of information on business models, financing opportunities and procurement methods.



WHY?

Existing business models, finance & funding instruments and procurement schemes do not always fit today's challenges within our cities.

There is a strong need for knowledge sharing, innovation and expertise on business models, finance & funding and procurement.



WHO?

The AC has involved a variety of actors, such as, local authorities, financial institutions, businesses, SMEs and other relevant actors.



HOW?

Provide up to date knowledge on funding and financing possibilities, through an interactive funding guide, which enable stakeholders to retrieve information based on their needs.

Communication of successful business models, finance opportunities and procurement examples through events, webinars and interactive tools. Increase collaboration with key European smart cities related initiatives like the smart cities "lighthouse" projects, the Covenant of Mayors and the urban partnership for the EU.



ACTION CLUSTERS



5. CITIZEN FOCUS

In a time of urban transformation and digitalisation of smart cities, too little attention is sometimes given to citizens. Citizen Focus Action Cluster strongly believes in citizens as fundamental actors for the regeneration and development of smart cities. Civic engagement, empowerment, participation and co-creation are at the basis of our advocacy approach since we acknowledge that citizen voice can be pivotal in providing the demand-side pressure on government, service providers and organisations needed to encourage full response to citizen needs. It also ensures the setup of a trusted and sound relationship with local governments and a source of democratic legitimacy and transparency. In the context of smarter cities, citizens' understanding of concrete problems and challenges can help local governments to prioritise and respond consistently to inhabitants' need.

AT THE HUB OF OUR ACTION, CITIZEN FOCUS PUTS:

- Civic engagement, empowerment and participation
- Citizens and disadvantaged communities inclusion
- Citizen power to transform and smarten up the environment (smart housing, smart urban solutions, participatory budgeting, crowdsourcing)
- Urban leadership – benefitting from citizen engagement actions to deliver solutions
- Social Housing and transition to low carbon communities
- Learning and sharing from world-wide forerunners in citizen engagement



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CITIZEN CENTRIC APPROACH TO DATA – PRIVACY-BY-DESIGN

Privacy and Democracy in Cyberspace

Ensure compliance with General Data Protection Regulation

WHAT?

Institutionalisation of the concepts of privacy in organisations making up a Smart City value chain and integration of these concepts in the design of Smart Cities systems and subsystems



WHY?

In the wake of the Snowden revelations, there is now a unanimous recognition that something must be done to protect the **citizen rights for privacy**.

Europe is currently finalizing a new regulation, the **GDPR**, that will call for sanctions that could amount to up to 4% of the worldwide turnover of an enterprise in case of breach.



WHO?

With the support of the PRIPARE commitment, IPEN, and smart cities associations, an informal network of smart cities is already in place, with efforts to expand currently on-going.

Logos of Trialog, Knownow, Pripare, Ipen, ERRIN, SharingCities



HOW?

Provide privacy management guidelines for smart cities at the following level:

- Content of a privacy management plan
- Management of PIAs and data sharing agreements
- Interactions with citizens
- Breach management
- Continuous improvement
- Provision of templates



CITIZENCITY

Co-creating inclusive smart cities in Europe

Make citizen participation a real part of smart cities; and develop a toolkit for societal engagement.

WHAT?

Co-create a purposeful utility for city authorities to filter and implement existing citizen engagement tools – CitizenCity Social Engagement Toolkit (SET)



WHY?

City authorities need a practical useable approach that allows them to apply existing tools and resources for engaging society in co-creating cities. Key stakeholders and industries need to be involved in co-creating scalable and sustainable solutions. EC funded programs need citizen centric design approach to ensure take-up and relevance. Social KPI and measures are required for EU urban programs to have positive impact on society.



WHO?

- Partner initiatives (EuroCities, SharingCities, ENoLL, Waag Society, Digital Placemaking Institute)
- Industry, academics
- Cities and communities, Local administrations and authorities



HOW?

- Series of pan European design workshops to co-create the CitizenCity Social Engagement Toolkit – engaging cities, local authorities, stakeholders and advisors. The toolkit will move from concept into working beta solution to be directly tested in cities.
- Webinars to promote understanding of inclusive citizenry and broader opportunities for engaging citizens in the co-creation of cities



PARTICIPATORY BUDGETING FOR INCLUSIVE SMART CITIES AND COMMUNITIES

Fostering knowledge sharing of good practices & supporting capacity building for the implementation of Participatory Budgeting in Smart Cities

Participatory Budgeting (PB) is a form of participatory and inclusive democracy, where members of a community learn, debate and deliberate about the allocation of public resources. Although it has shown some critical aspects, PB has proven to be a powerful tool to citizens, enabling them to contribute to the administration of their city, not only as voters but as active players in the decision-making processes. Nowadays, it is identified as the most adequate tool for enhancing citizens' capacity to co-decide.

ACTION CLUSTERS



6. INTEGRATED PLANNING, POLICY AND REGULATIONS

Integrated Planning, Policy and Regulation focuses on Innovative forms of smart city policies and regulations that are needed to enable large scale implementation and roll-out of smart cities. Cities need an adequate set of framework conditions in the field of policy and regulations in order to be able to smarten up. New governance concepts are required to coordinate and integrate smart city stakeholders – cities, businesses, and research organisations – within the change process so to identify strengths, weaknesses, opportunities and threats. Stakeholders need to jointly experience and learn with new forms of governance and policy concepts to further the process of becoming a sustainable, smart city.

The Action Cluster works together with European cities, businesses, research institutes and academia to build together Smart and Sustainable Cities. To sum up, our effort goes towards the implementation and design of smart cities strategies by making best use of capacity, monitoring and measuring tools and by enabling knowledge sharing and replication of successful cases.

THE SIX FIELDS IN WHICH WE OPERATE:

- Policy/Strategy/Plans
- Governance/Organisation
- Programmes/Funding's
- Market engagement
- Enabling
- Monitoring

...and more to come, such as standards strategies, maximising the effectiveness of City Networks, capacity and International strategies (e.g. China, US, India), among others.

Expanding the learning in the market by deployment across other natural Member State groupings.



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TOOLS FOR DECISION MAKING, MANAGEMENT AND BENCHMARKING

To support decision making and the implementation of smart cities projects in European cities and communities, monitoring gaps with available tools & appropriate KPIs.

- To finalize the set of KPIs and test them on real EU cases
- To feed European standardization work and discussion on global KPIs existing standards

WHAT?

- The purpose of the initiative is to help decision makers optimizing their actions in the context of city/community's smart and sustainable programmes, their planning, implementation and management.
- Help local authorities using a set of KPIs for effective evaluation of city/community's project implementation and benchmarking.



WHY?

- Monitor and analyse existing KPIs, identifying needs for additional tools and standardisation in order to better meet objectives.



WHO?

- Partner initiatives networks (European Energy Award, Smart Cities Information System, Citykeys, Eurocities)
- Other EIP-SCC initiatives
- Cities and communities, Local administrations and authorities



HOW?

- Integrating the Smart Cities Guidance Package in collaboration with Action Cluster Integrated Planning Policy and Regulation's initiatives with specific KPIs and benchmarking tools;
- Finalizing the sets of KPIs and testing them in real cases;
- Feeding KPIs database for benchmarking;
- Feeding European standardization work and discussion about global KPIs related existing standards;
- Conveying standardization needs from EIP SCC initiatives.



6-NATIONS SMART CITIES FORUM

Establishing a competitive national market context; through exploiting a 'blueprint' with best practices to stimulate learning across Member States.

Smart cities progress will be inhibited without an enabling market environment in place. This initiative works with Europe's 6 leading and/or large Member States to compare and share strategies, policies, and programmes; and package up resulting good practices. The limited group of nations is a conscious step to ensure that authentic open and trusted discussions take place.

FROM PLANNING AND IMPLEMENTATION TO SCALING UP OF SMART CITIES

Together we realise Smart and Sustainable Cities.

Co-create Smart City Guidance Package

WHAT?

The purpose of the initiative is to support the development and implementation of smart city strategies and plans including the scaling-up of living labs or pilot experiences. Based on the analysis of various cases the main steps, critical factors and conditions are investigated and translated into guidelines.

Moreover, it aims at developing practical instruments and references to support the implementation of smart city strategies



WHY?

The development and implementation of successful SC strategies does not only require the consideration of new technologies, products and services, but at the same time calls for organisational, structural and social innovation. Due to this complexity, cities experience similar challenges and obstacles when implementing SC plans. References and guidelines might therefore help to speed up urban transition and SC developments all across Europe. Shared challenges are key to identify common elements and to elaborate applicable solutions, translated into practical instruments.



WHO?

About 15 commitments supported mainly by cities (such as La Spezia, San Sebastian). Industry, finance, research sectors and city networks are also represented.

Smart City projects and initiatives such as CELSIUS, STEP-UP, TRANSFORM, SCIS, CityKey, and Lighthouse Projects are also involved.



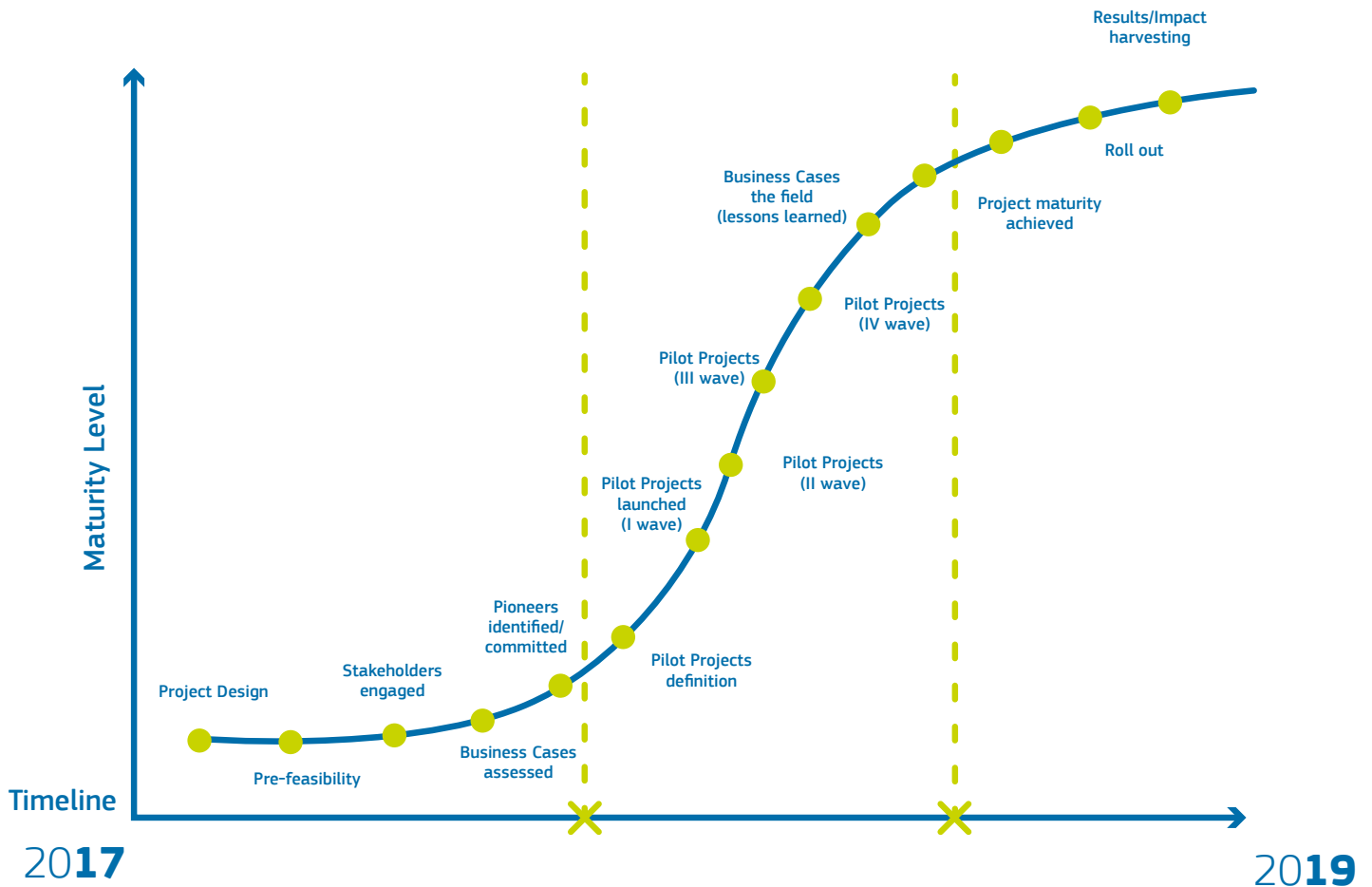
HOW?

- Categorising **common pathways and obstacles** (from the legislative end, pitfalls, solutions, funding possibilities, definition of common steps) in Smart Cities
- Defining references
- Providing structured support and guidelines



NEXT STEPS

Our goal and challenge is to 'shift gears' of the EIP-SCC through a structured and programmatic approach that lifts overall activity levels to stimulate investment of €1billion in smart city solutions and active involvement of 300 EU cities.



- Definition of project concepts
- Pre-feasibility study
- Stakeholder engagement on model
- Pioneers Identification

- Pioneers into Pilots' sponsors
- launch pilots implementating Smart Cities products/services
- Confirm business cases

- Roll-outs & replication
- Results/Impact harvesting

GET INVOLVED!

Be you a city – of any size; a solution provider large or SME; an investor in infrastructure or services from public or the commercial sector; a stakeholder representative association, or academic organisation, please take a responsibility to help transform outcomes in European cities as we face common challenges and opportunities...

CONTACT US



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