Newsletter
Smart City for Sustainable Development

Smart City in EU

The Smart Cities Marketplace provides you with vital knowledge to support you in moving your smart city ambitions forward. Here you will find use cases from more than 80 successful European projects, including 18 Lighthouse projects, sharing solutions implemented in both small and medium-sized towns and in metropolises such as London, Barcelona and Vienna. Many projects have reported their core data into our Self-Reporting Tool, to be picked up and developed into bankable solutions. (https://smart-cities-marketplace.ec.europa.eu/projects-and-sites/projects)

Smart City Marketplace

Sharing cities

The demonstration districts in lighthouse cities Lisbon (Portugal), London (United Kingdom) and Milan (Italy) will implement replicable urban digital solutions and collaboration models. The Royal Borough of Greenwich in London, Porta Romana/Vettabbia in Milan and downtown Lisbon will retrofit buildings, introduce shared electric mobility services, and install energy management systems, smart lamp posts and an urban sharing platform through engaging with citizens. Fellow cities Bordeaux, Burgas and Warsaw will co-develop, validate, or implement these solutions and models. (https://smart-cities-marketplace.ec.europa.eu/projects-and-sites/projects/sharing-cities)

Sharing city Milan (photo: https://smart-cities-marketplace.ec.europa.eu/projects-and-sites/projects/sharing-cities/sharing-cities-site-milan)

For Milan, smart city means mobility, smart environment, smart inclusion and citizenship. The sustainable development is set up through smart economy, smart competition based on partnerships in Europe and across the world.

Sharing city Lisbon (photo: https://smart-cities-marketplace.ec.europa.eu/projects-and-sites/projects/sharing-cities/sharing-cities-site-lisbon).

The Lisbon uses a smart city strategy that put as its main core the citizens. In this regard, Lisbon is engaged in being the most smart, sustainable, competitive, participatory, creative, innovative and citizen centric. The citizens will have an increasing life quality, being improved the quality of public services, the smart ageing opportunities, investing in research and attracting the young people for becoming entrepreneurs and broadening access to higher education.

Latest News about Smart City in EU

Smart Cities Marketplace Forum 2022 - Key Facts & Figures

The Smart Cities Marketplace Forum, was organised as an on-site event at the Event Lounge in Brussels and featured high-level keynotes by Commissioner Kadri Simson and Eero Ailio (Adviser to Director, Directorate B, DG Energy · European Commission), three plenaries (Political, Innovation, Finance), six parallel sessions, a public Action Cluster BarCamp working on nine overarching topics to extract recommendations for the next edition of the Marketplace and a matchmaking event running in parallel (continued until today) plus plenty of opportunities for explore/shape/deal activities as well as networking at the event location and online on the event platform veertly via a Wonder.me integration which has already been used for previous events. (https://smart-cities-marketplace.ec.europa.eu/news-and-events/news/2022/smart-cities-marketplace-forum-2022-key-facts-figures)

Scalable Cities

The role of Scalable Cities is to identify and promote solutions and business models that can be scaled up and replicated across Europe and lead to measurable outcomes such as new jobs and energy savings.

Scalable Cities represents 120 cities who are involved in 18 Smart Cities and Communities projects funded by Horizon 2020 with around EUR 420 million. Working in consortia with academia, industry, associations and consultants, they implement more than 550 demonstrations of technological and social innovations in the areas of mobility and logistics, buildings, urban data and ICT infrastructure, citizen engagement as well as urban governance.

(https://smart-cities-marketplace.ec.europa.eu/scalable-cities)

Themes of Scalable Cities

Mobility and Logistics

Building Renovation and Retrofitting

Energy Efficiency and Renewable Energy

ICT and Urban DataPlatforms

Citizen Engagement and Governance

(Source: https://smart-cities-marketplace.ec.europa.eu/scalable-cities)

Statistics

The cities that are represented by Scalable Cities have already shown significant results, achieving:

- more than **53% energy savings,**

- up to **88% CO2 reduction,**

- over **17 500 installed smart meters**,

- over **1 million m2 floor space refurbished**,

- more than **5270 e-vehicles introduced,**

- nearly **500 e-charging stations installed**,

- engagement of more than **260 000 citizens.**

*Smart Cities – Good
Practices*

The Covenant of Mayors for Climate and Energy

- is the world's largest movement for local climate and energy actions.

When officially joining the Covenant of Mayors, signatories commit to developing a Sustainable Energy (and Climate) Action Plan within two years.

Adopted by the local council, a signatory's action plan describes the steps towards its 2020 or 2030 targets.

REFLOW project: 5 sustainable and circular cities' projects case studies

The REFLOW project just released case studies about 5 pilot-cities of its project. This project is part of the EU Horizon 2020 research and innovation programme and aims to develop circular and regenerative cities through the re-localisation of production and the re-configuration of material flows, in cooperation with the local municipalities, scientific and research institutions, technology providers, design and grassroot organisations, and small- and medium-sized enterprises.
These 5 case studies present innovative solution to develop sustainable cities. Those solutions and examples span a wide field like recycling, circular economy, climate change mitigation, etc.. These case studies can give ideas to other cities to develop their own innovative solutions.
(Source: https://www.covenantofmayors.eu/news-and-events/news/1957-reflow-project-5-sustainable-and-circular-cities-projects-case-studies.html)

EU Mission "Climate-neutral and smart cities": Who are the 100 cities selected and what will they do?

The Commission announced on 28 April the 100 EU cities that will participate in the EU Mission for 100 climate-neutral and smart cities by 2030, the so-called Cities Mission. The 100 cities come from all 27 Member States, with 12 additional cities coming from countries associated or with the potential of being associated to Horizon Europe, the EU's research and innovation programme (2021-2027).
Our urban areas are home to 75% of EU citizens. Globally, urban areas consume over 65% of the world's energy, accounting for more than 70% of CO_2 emissions. It is therefore important that cities act as experimentation and innovation ecosystems to help all others in their transition to become climate-neutral by 2050.

(Source: https://www.covenantofmayors.eu/news-and-events/news/1954-eu-mission-climate-neutral-and-smart-cities-who-are-the-100-cities-selected-and-what-will-they-do.html)

Change Now 2022 edition: a special programme for mayors and cities

ChangeNOW is a large event of solutions for the planet, an independent initiative created in the aftermath of the COP 21 and "Paris Agreement" to boost innovative solutions for the Planet and foster multi-stakeholder collaboration.
It addresses topics such as climate change mitigation and adaptation, circular economy, biodiversity, mobility and resilient cities with concrete actions. In this regard, a Sustainable Cities Programme for mayors and deputy mayors has been developed for the last four years with the help of the Covenant of Mayors Europe, UNESCO, R20, FMDV and more.
(Source: https://www.covenantofmayors.eu/news-and-events/news/1947-change-now-2022-edition-a-special-programme-for-mayors-and-cities.html)