



Designing the smart cities of the future: M-Sec project creates EU-Japan innovations to improve well-being, cleanliness, water, social and transport for citizens

M-Sec is a new project based on technology, but at the core of its mission is a very human ambition: the goal to improve the wellbeing of citizens living in smart cities.

[M-Sec](#) is a collaborative project investing in new technologies in the spheres of Big Data, IoT, Blockchain and Cloud computing. It aims to empower local and municipal governments, citizens, researchers, entrepreneurs and businesses between Japan and the EU to work together, create new connections and employ innovative new solutions to typical urban problems.

Running from July 2018 until June 2021, M-Sec is the result of a [strong partnership](#) between leading European and Japanese universities, research centres and tech companies.

Which cities are involved?

The two cities at the heart of M-Sec are [Fujisawa](#) (Japan) and [Santander](#) (Spain). These two cities are already pioneers in smart city tech and are fully committed to use the M-Sec results.

How does M-Sec work?

M-Sec stands for Multi-layered Security technologies to ensure hyperconnected smart cities with Blockchain, Big Data, Cloud and IoT". The project will focus on [6 use cases](#), each one representing challenges faced by smart cities across the world. Each use case will be tested in Fujisawa, Santander, or in both.



The uses cases will bring a number of benefits: help citizens monitor their environment (adjust air quality, avoid traffic, stay safe during natural disasters); empower elderly populations to self-manage and share information about their health; allow citizens to act as live feedback “sensors”; bring playful elements to the city (smart parking animation, etc.), and more.

What will be the main results?

M-Sec aims to create a sustainable IoT Infrastructure, Marketplace, and Community, which can be replicated in other cities across the world. Could your city be the next to take part?

How do I get involved?

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