

Why? 5G technology offers great opportunities for the city, providing features beyond high speed: it provides immediacy, allows for a high concentration of devices in specific spaces... It allows real-time integration of data from IoT sensors with information on the use of the city's equipment and public service performances. With its hyperconnectivity, 5G enables immediate access to AI solutions, autonomous driving, extended reality, etc.

What for? So that people can access better services, benefits and applications that affect their quality of life. Services that dynamically adapt to the intensity of resource usage, the surrounding situations and the trend of needs.



Accelerate the deployment of next-generation communications networks (5G) and "Internet of Things" (IoT) devices, and their application to city infrastructures and equipment, security and emergencies, leisure, free time and tourism, mobility... connecting people with city services.

1. Facilitate the different operators in the deployment of their 5G networks by streamlining procedures
2. Promote public-private collaboration to develop advanced services and position Madrid as a benchmark.

The 5G Agenda specifies the following actions:

1. 5G FORUM will promote the development of final solutions for this technology and advance from the pilot phase experiences to the development of demand-driven projects, and to facilitate and expedite the implementation of networks in Madrid.
2. Creation of the city's Internet of Things Lab so that maneuvers in city areas are governed by interactivity and cybersecurity standards.
3. Promotion and broadcasting of opportunities to improve services, the economy and quality of life, in addition to innovation and training.

OFFER CITIZENS

01

Connect people to the city, with their devices and with their information systems, to enhance those reliable data with more and better services.

02

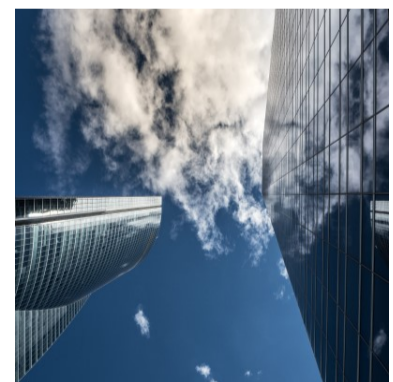
Optimized services that save energy, reduce emissions and dynamically adjust to people's needs

03

A permanent adaptation of the services to their usage intensity, and to the environment, with automated management that anticipates demand, through a digital twin.

04

An environment in which to innovate, to develop services that take advantage of the qualities of 5G. A pole of attraction for the sector with qualified jobs.



NEXT STEPS

- 5G.madrid.es website.
- 5G FORUM to promote public, private and social collaboration for projects and deployments.
- Use cases and projects of the 5G AGENDA: Valdemingómez, Madrid Nuevo Norte, MercaMadrid...
- City of Madrid IoT Lab