

PRESS RELEASE

TIM: Turin is the first 5G city in Italy

Agreement signed with the Municipality of Turin: TIM will build Italy's first 5G network providing innovative services in the urban area of the Piedmont capital

Over 100 smart cells will be installed in the main streets and squares of the city as early as 2017

Turin, 10 March 2017

Turin will be the first Italian city and one of the first in Europe to have a new 5G mobile network. The project entered the operational stage today thanks to a Memorandum of Understanding signed by TIM and the Municipality of Turin.

By 2018 in **Turin**, where TIM's innovation and development centre is based, the first **5G** technology trial in a metropolitan area will be launched with the aim of driving the development of a new generation mobile network, confirming the company's commitment to mobile innovation, a role that it also plays at global level contributing to the definition of the **5G** standard.

The "**Turin 5G**" project includes the gradual extension of the new mobile broadband infrastructure to the municipal urban area with the aim of covering the entire city by 2020.

Thanks to this memorandum, TIM plans to install, as early as **2017**, more than **100 small cells** in the main areas of the city, including **Via Roma**, **Via Po**, **Via Garibaldi**, **Via Lagrange** and **Piazza Vittorio**, in the **Quadrilatero Romano**, and in the areas where the **Polytechnic University** and **University of Turin** are located. These small cells will be in addition to the 200 mobile ultrabroadband sites which TIM will use to guarantee the best radio coverage in the city. The new mobile network will be supported by TIM's optic fibre infrastructure which already covers almost the entire city.

With this initiative, **Turin** will be nominated by **TIM** as the **first Italian 5G city** to become the preferred location for the activities envisaged in the 5G Action Plan of the European Commission, which aims to speed up development by launching trials and later public use of the new technology starting with the main metropolitan areas. Turin will therefore become part of the first pan-European network of 5G interconnected cities.

The trial will involve up to a maximum of **3,000** users who will be able to take advantage of very high performances and transmission speeds and experimental services and applications, provided by the city administration and made possible by TIM's 5G network.

Specifically, TIM will provide the city of Turin with new generation services linked to the Smart City, such as those relating to public security, the management of public transport fleets and the provision of the information services associated with them, as well as remote surveillance solutions in extensive areas of the city, virtual reality to support tourism and, through the introduction of 5G technologies in the production processes used in the manufacturing industry, even new services to develop Industry 4.0 in the Turin area.

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“It is a positive sign that TIM has chosen Turin as an urban area to test an innovative technology such as 5G, linked to the mobile network. A decision,” highlighted Chiara Appendino, Mayor of Turin, *“that confirms the historical connection with the telephone company which has deep roots here in the city of the Mole Antonelliana. The high speed services and applications can only bring benefit, in the immediate future, to the manufacturing world and the community.”*

“The signing of this agreement demonstrates TIM's capacity to be a leader in the company's innovation process,” stated Giuseppe Recchi, Executive Chairman of TIM. *“We are the first private investor in the country with a business plan that includes 11 billion euros of investments in 3 years, 5 billion of which will be dedicated to developing the new ultrabroadband networks: the plan concerns the future, fast connections and the development of cities. When we talk about big data, digital identity and the Internet of Things, we are aware that underlying all this there is always quality and the speed of the networks. TIM has the privilege of being a leading company in the development of the digital culture of the country and today this agreement adds another important element to our strategy.*

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