The 5TONIC co-creation laboratory was established to provide an open environment where members from business, industry and academia could collaborate with the telecoms community on specific 5G mobile research and innovation projects.

The aim is to support innovation and help organisations work together to develop and deliver market-ready 5G solutions, technology applications and business ventures.

Based in Madrid, the laboratory promotes joint project development, entrepreneurial ventures, discussion fora, events and conferences with focus on 5G mobile technology.

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The 5TONIC co-creation laboratory has already scored some impressive results:

- Awarded Digital Innovation Hub status by the European Commission
- Developed and tested wearable health monitors including a ‘smart’ T-Shirt with collaborators at SAMUR and Madrid Emergency Services
- Showcased a virtual tourism application enabling viewers to experience an exhibition remotely with Ericsson and collaborator IFEMA
- Demonstrated turbo-charged 5G Fixed Wireless Access in partnerships with member companies Telefónica and Cohere
- Deployed member company CommScope’s OneCell technology within the laboratory to mimic 5G networks
- Developed with collaborator ASTI a trial of 5G-controlled Autonomously Guided factory vehicles and robots
- Created with UC3M in Madrid the world’s first Master’s Degree in 5G technology with universities in Paris and Rome to follow

Be part of a rich open ecosystem
STONIC is a place to develop and test new products and services

It’s the perfect place to showcase solutions to or with your customers
The laboratory can host pre-commercial trials across many vertical markets

We support entrepreneurial ideas
Work with experts to develop your ideas and figure out your business model

We are an inter-operability test center
At 5TONIC we can test your solution works with other products

We provide end-to-end solutions testing
We measure impact on capacity, solution stability, performance and interoperability

We offer access to a superb academic environment
Joint research, sponsored PhDs, Internships and training facilities are available through 5TONIC

We promote and support technology trends
Through white papers, research reports, workshops & webinars we support innovative thinking

We are an H2020 testbed
The 5TONIC laboratory will be used to develop and demonstrate H2020 testbed projects

We are a 5G technology exchange center
STONIC is a confidential meeting point for the exchange of 5G technology innovations

We are recognized by the European Commission
STONIC participates in the three largest EU funded testbeds – 5G-EVE, 5G-VINNI and 5Genesis