



eltic-Plus⁺

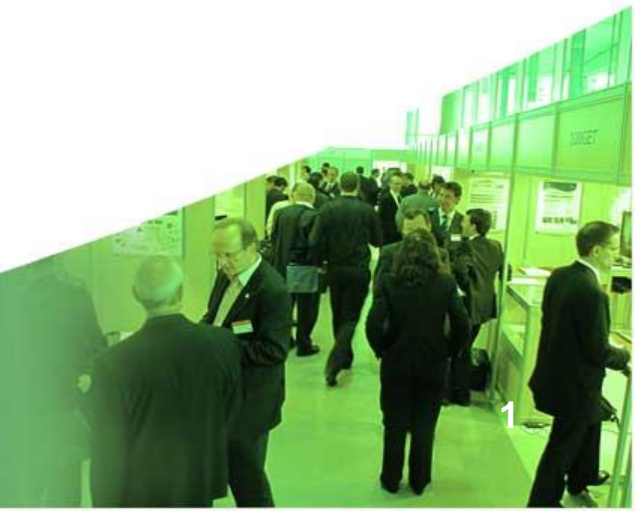
Smart Connected World



Celtic-Plus Proposers Day
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An Invitation to Bring Your Experiments to 5TONIC

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What This Is About

- **This is not a project proposal**
- This is an open invitation for successful proposals to bring their experiments to 5TONIC
 - As long as they are related to 5TONIC goals
 - Under 5TONIC rules
- So your proposal will get access to
 - A wide experimentation and validation framework
 - An open collaborative ecosystem
 - An opportunity to maximize impact



Introducing 5TONIC



- 5TONIC is an open research and innovation ecosystem in the area of 5G products and services
 - Based on the direct collaboration between Telefónica and IMDEA Networks
 - Make industry and academia come together
 - Boost technology and innovative business models
- With the goal of becoming a central hub for knowledge sharing and industry collaboration in the area of 5G technologies
 - Across Europe, associated with the European 5G initiatives
 - Across the global Telefónica footprint
- Initially focused on two main technology areas
 - 5G Virtual Software Network Area
 - 5G Wireless System Area
- Direct participation of vertical representatives



5G Virtual Software Network Area



- NFV, SDN, intent-based networking...
 - Including software RAN technologies
- Performance analysis and optimization
- Co-existence and migration
- Energy efficiency
- Security and privacy
- Monitoring

5G Wireless System Area

- Densification of the radio access network
- Prevalence of machine-type communications
- Air interface and media access control
- Spectrum management
- Energy Efficiency
- Security and Privacy
- Measurements and Monitoring

Experimenting at 5TONIC

- Prepare an experiment proposal to 5TONIC
 - Description
 - Time schedule
 - Required infrastructural support
 - Acknowledgement of 5TONIC policies
- One 5TONIC participant in the consortium
 - Acting as the mediator partner
 - In charge of allocating the necessary effort
- Subject to 5TONIC Board approval

Contact Info

For more information and for interest to participate please contact the 5TONIC Board through any of us

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