



The Standards People



ETSI activities related to Networld 2020 Strategic Research and Innovation Agenda

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For: **Networld2020 Vision Workshop**

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Agenda

- ✓ Introduction to ETSI
- ✓ Addressing Networld'2020 SRIA topics in ETSI
- ✓ ETSI's Analysis and mapping exercise of Networld'2020 SRIA
- ✓ Next Steps

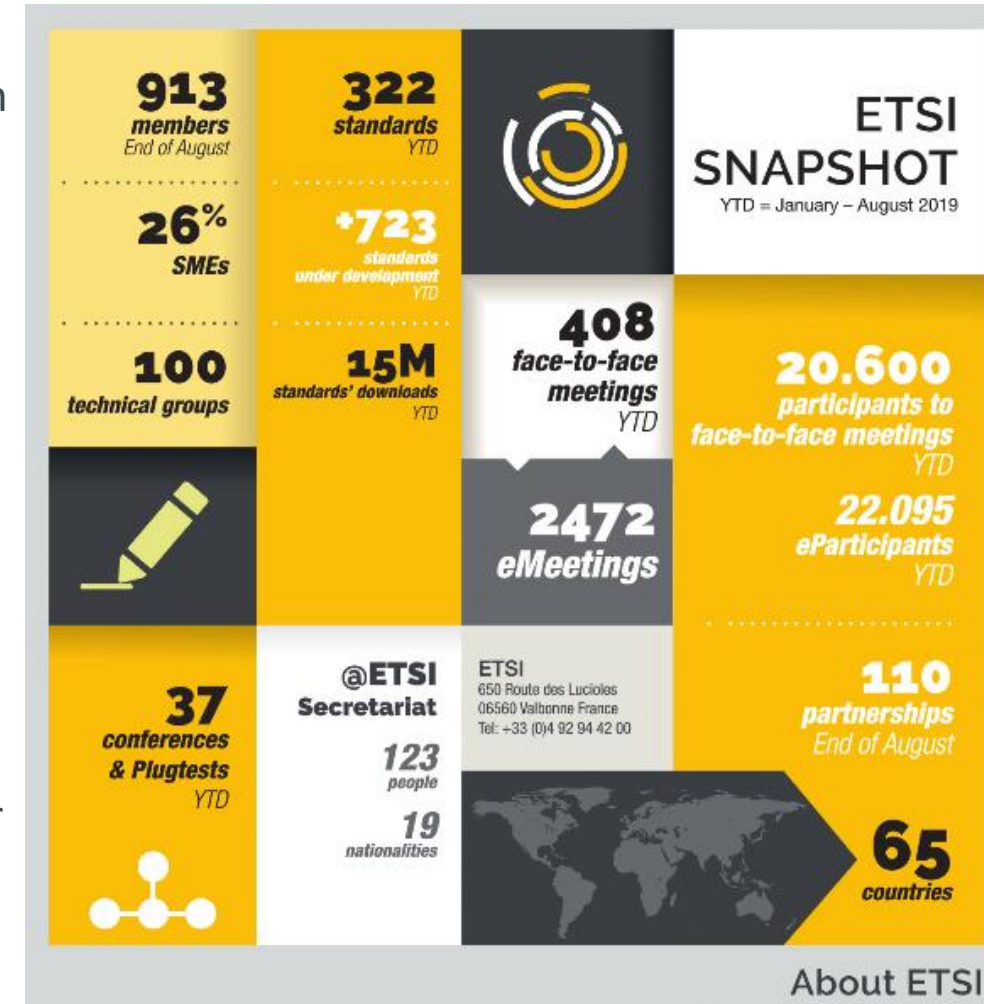


Introduction to ETSI

About ETSI - Bringing people together...



- ✓ Independent, non-profit standards organization
- ✓ Officially recognized by the European Union to support EU regulation
- ✓ **30** year track record of technical excellence in the ICT sector
- ✓ Over **910** members from **65** countries over **5** continents
- ✓ Diverse community: private companies, research and academia, governments, public bodies, societal stakeholders
- ✓ Over **48 000** standards published to date, **2 600** annually
- ✓ **17.5 million** downloads annually – All standards are free of charge
- ✓ Over **90** technical groups holding more than **4 000** meetings per year
- ✓ More than **6000** participants to physical meetings per year
- ✓ More than **50** conferences and interop events per year

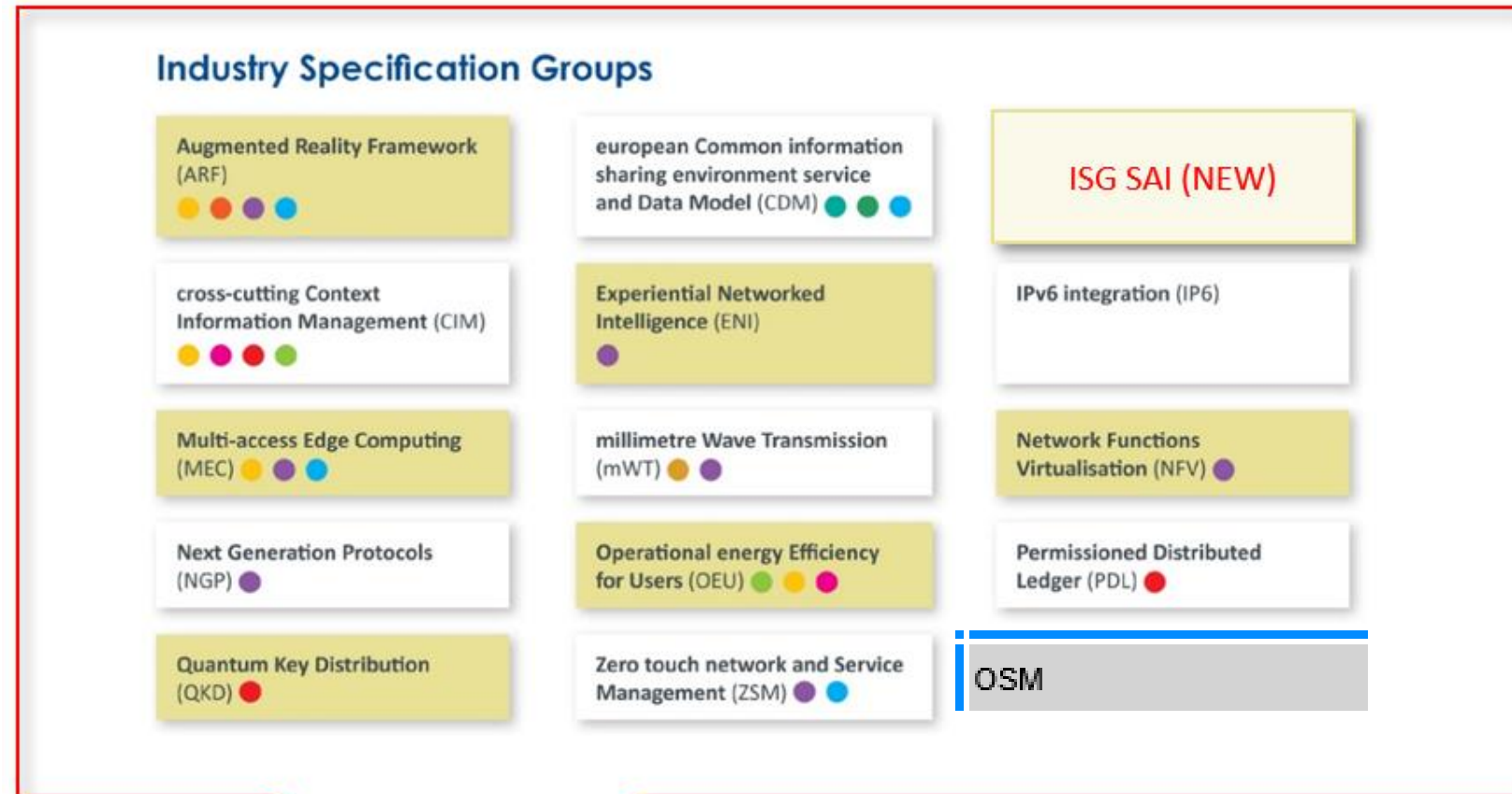


About ETSI - At the heart of digital...



✓ To design tomorrow's digital world

- ✓ 5G
- ✓ IoT
- ✓ Cybersecurity
- ✓ Network Virtualization
- ✓ Multi-access Edge Computing
- ✓ Automated Network Management
- ✓ Artificial Intelligence
- ✓ Blockchain
- ✓ Quantum (Compute & Key)
- ✓ AR/VR
- ✓ ..and many others



ETSI ISGs

The background of the slide features a close-up, slightly blurred image of a person's hand typing on a silver laptop keyboard. In the foreground, on the white surface of the laptop, there are four small, colorful miniature figures of people in various poses, some holding tools or equipment. The entire scene is framed within a large, light gray circular shape that occupies the left and center portions of the slide.

Addressing Networld'2020 SRIA topics in ETSI

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- ✔ ETSI followed Networld 2020's work on its Strategic Research and Innovation Agenda (SRIA) with great interest;
- ✔ Most (possibly all) of the identified SRIA technology directions may be addressed in ETSI, related standards will support their adoption by industry;
- ✔ Some of the identified technology directions are already covered in ETSI Technical Committees (TCs) and/or Industry Specification Groups (ISGs)



Addressing Networld'2020 SRIA topics in ETSI

- ✔ ETSI encourages the Research community to actively drive the development of standards related to Networld 2020's SRIA;
- ✔ Researchers may indeed get involved in existing ETSI TCs / ISGs or – if not available – may discuss the creation of a new group in ETSI;
- ✔ To support the Research Community, ETSI has mapped the Networld 2020 SRIA to its currently ongoing work,
We are happy to share our findings with you.

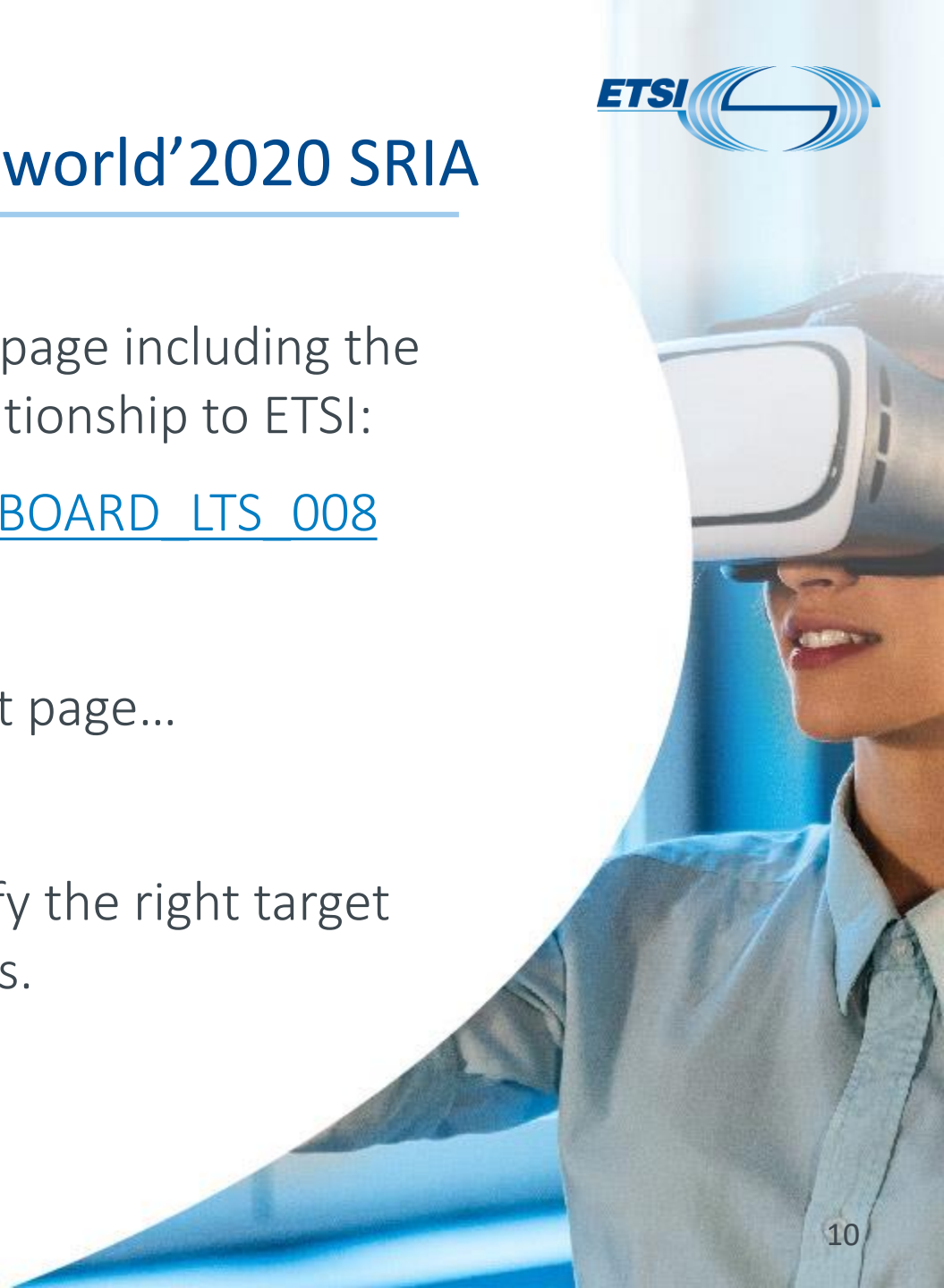
ETSI's Analysis and mapping exercise of Networld'2020 SRIA

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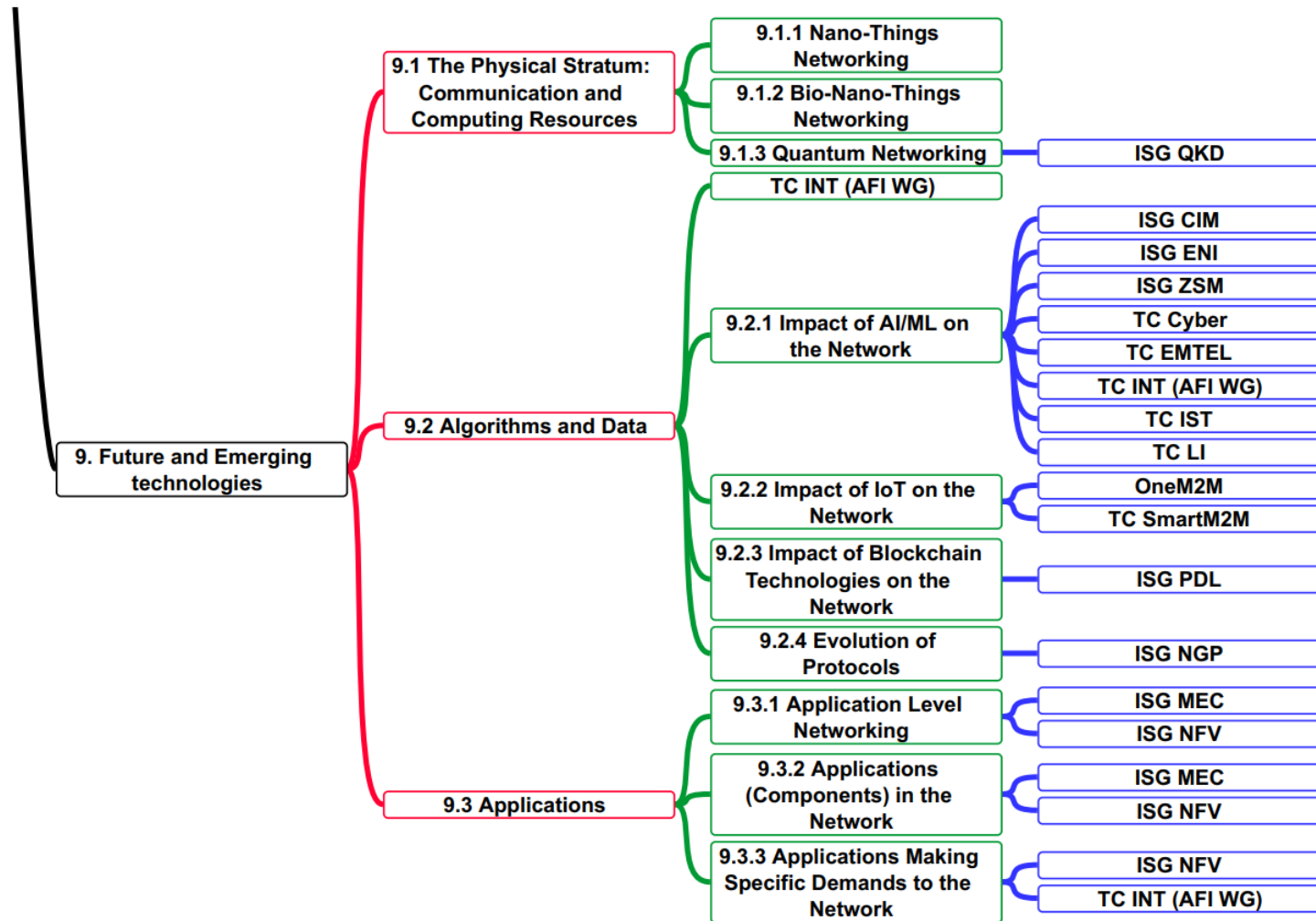
- ✔ ETSI has made available (to ETSI members) a Wiki page including the full analysis of the Networld 2020 SRIA and its relationship to ETSI:

[https://boardltswiki.etsi.org/index.php?title=BOARD LTS 008](https://boardltswiki.etsi.org/index.php?title=BOARD_LTS_008)

- ✔ A snapshot of the analysis is illustrated on the next page...
- ✔ This representation will help researchers to identify the right target body in ETSI for specific SRIA technology directions.



A Snapshot of ETSI's Mapping Exercise



Next Steps

Next Steps

- ✓ As a next step, ETSI proposes to establish a close and active relationship to the Networld 2020 community

- ✓ Contact points at ETSI for you follow-up questions:
 - ✓ Markus Mueck: Chair of Board LTS008 group (*links to R&D*)
markus.dominik.mueck@intel.com
 - ✓ Christian Toche: Chair of Board LTS001 group (*Long Term Technical Roadmap*)
christian.toche@huawei.com
 - ✓ David Boswarthick: ETSI Director of New Technologies
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