



ETSI: Long Term Strategy (valid until 21)



Strategy in brief

- ETSI's Long Term Strategy provides a:
 - high-level description of the major ambitions and aims of ETSI
- It sets the strategic framework for:
 - ETSI's work and its leading contribution to the digital transformation of private and public sectors, positioning ETSI technical standards as core to the digital economy
- It has identified technologies such as:
 - 5G, cloud computing, internet of things, data technologies and cybersecurity as priority areas for standardization
- The impact of digital transformation and evolution of ICT presently & in near future can be seen through:
 - Socio-economic, Policy and Technology trends

Socio-economic

- Digital technologies are not only impacting our daily life at large, they also influence:
 - Economic models, open-up new opportunities, as well as enable new ways of interaction not possible in the past.
- Digital technologies are also transforming:
 - learning and having a major impact on education. ETSI is investing in education about standardization
- ICT standards contribute to define:
 - Our modern world, impacting and influencing markets and economies locally, nationally, regionally and globally, and providing new ways for interaction and integration
- ICT standards allows for:
 - Integration and are applicable across traditional sector boundaries

Policy trends

- Industrial policies in the globalization era is at the top of the EU's agenda:
 - [EU 2020 flagship initiatives](#)
 - [Entrepreneurship 2020 Action Plan](#)
 - [Small Business Act for Europe](#)
- Digital economy is the single most:
 - Important driver of innovation, competitiveness and growth
 - Well proven now during this unfortunate period of COVID-19
- Policy makers worldwide are driving digital economy
- ETSI priority is to ensure connection with the policy makers & alignment with policies in Europe

Technology trends 1(2)

- Technology is the driving factor of:
 - Digital transformation leading to fundamental changes in societies and economies.
- Role of hardware and software in digital era and in ICT products are evolving:
 - Hardware is becoming generic and cost-effective
 - Software is bringing most value add to an increasing range of products and services
- New developments such as 5G (eMB, MMTC, ULLC) through various building blocks such as NFV, MEC, mWT, NGP, ZSM, IoT/M2M etc. will:
 - Enable automating the world through real time processing and control capabilities

Technology trends 2(2)

- Virtualization and Clouds allowing:
 - Optimization of resources and making use of resource intensive computation
- Security and Privacy aspects of the systems is extremely important
- Open innovation is a major trend in technology development

Thank you!

Dinesh Chand Sharma

(Seconded European Standardization Expert in India)

Director – Standardization & Public Policy

SESEI C/O EBTC, DLTA Complex, Gate No 3, 1st Floor, 1, Africa Avenue,
New Delhi 110029

Mobile: +91 9810079461, **Tel:** +91 11 3352 1525,

dinesh.chand.sharma@sesei.eu

www.sesei.eu ↔ www.sesei.in

