



# STANDARDS

## **CYPRUS ORGANIZATION FOR STANDARDIZATION “INTELLIGENT TRANSPORT SYSTEMS”**

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**European University Cyprus March 3rd. 2020, Nicosia – CYPRUS**

# INTRODUCTION



## ABOUT CYS

- Established in 1975 under Ministry of Commerce, Industry & Tourism
- Cyprus National Standards Body (NSB)
- 1977 joined ISO and IEC
- 2002 joined CEN, CENELEC and ETSI
- 2005 became independent body
- Ministry of Finance 100% shareholder
- 2017 joined ITU

# MAIN ACTIVITIES

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## Managing

the Standardisation  
System in Cyprus



## Informing

the industry and  
market about the  
new developments  
in standards



## Providing

informative  
seminars and  
training courses



## Writing

articles and other  
publications on  
subjects related to  
standardisation

# FULL MEMBER

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**European Committee for  
Standardization**



**European Committee for  
Electrotechnical Standardization**



**European Telecommunication Standards  
Institute**



**International Standards Organization**



**International Electrotechnical Committee**



**International Telecommunications Union**



## STANDARDISATION

- Standardisation (or standardization) is the process of developing documents for repeatedly use which are based on the **consensus** of different parties
- Standards for Intelligent Transport Systems are developed
  - at International level by ISO, & ITU
  - at European level by CEN, & ETSI

# BENEFITS OF STANDARDS

- State-of-the-art solutions
- Improved performance, quality & reliability
- Provide Interoperability of products especially in ICT technologies.
- Lower cost, better efficiency
- Health & safety of users
- Referenced by regulators and legislators for protecting user and business interests
- Compliance with Legislations and EU Directives e.g GDPR or E-Privacy (in Future)
- Directive 2010/40/EU - Employment of Intelligent Transport Systems in the field of road transport

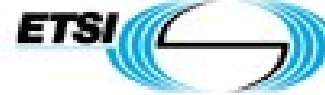


# NATIONAL STANDARDIZATION SYSTEM



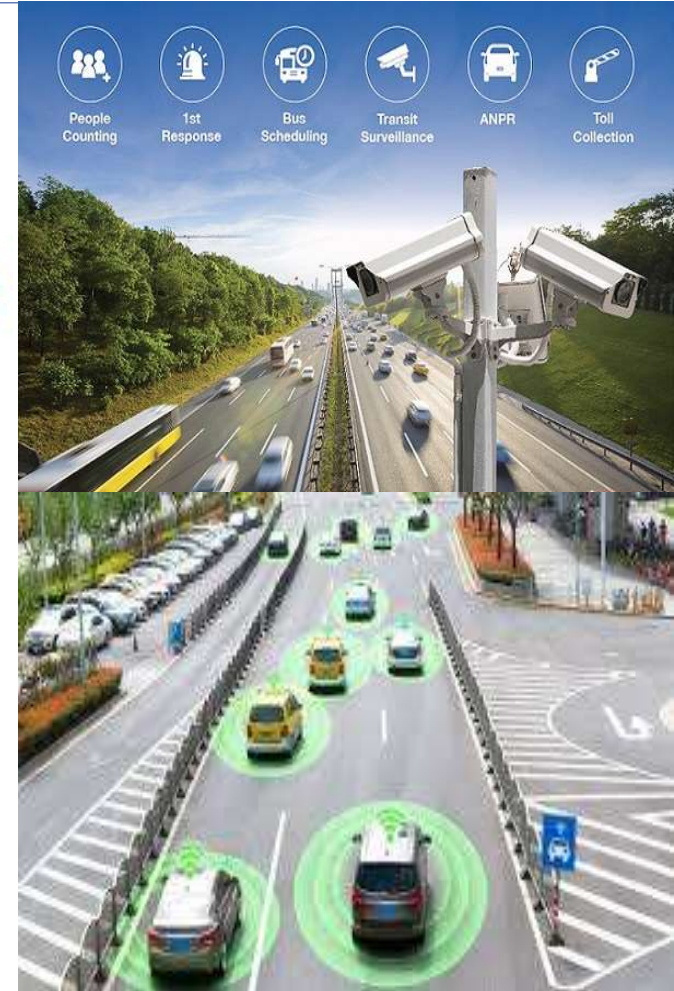
# EUROPEAN STANDARDS ORGANIZATIONS

500 European Technical Committees



500 European Technical Committees

National Mirror Committees



# MIRROR COMMITTEES



MC 1	Construction Products & Civil Engineering
MC 2	Mechanical Engineering
MC 3	Healthcare
MC 4	Health & Safety
MC 5	Heating, Cooling & Ventilation
MC 6	Transport & Packaging
<b>MC 7</b>	<b>Information Technology &amp; Telecommunication</b>
MC 9	Chemicals & Environment
MC 10	Gas
MC 11	Food & Biotechnology
MC 12	Services
MC 13	Electrical/Electronic Equipment & Medical Devices



# NATIONAL TECHNICAL COMMITTEES

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## Characteristics MC 07

### Scope

- **Monitor and participate** in the work of the European and International Technical Committees related with matters
- **Discuss and determine supportive** actions for Telecom and Information Communications Technologies.
- **Provide Access** to standards and/or other standardisation documents, of the European and International Standards Organizations and/or any other bodies



# MIRROR COMMITTEES



## MC 7 Information Technology & Telecommunication

**Cyprus National Committees observe the International and European Standards for:**

- Telecommunications
- Blockchain and Distribute Ledger Technologies
- Future Planning for Intelligent Transport Systems





## Cyprus Engagement through National Technical Experts in the following International and European Technical Committees



- Blockchain and Distribute Ledger Technologies – ISO TC 307
- IT Security techniques - ISO/IEC JTC 1/SC 27
- Intelligent Transport Systems – ISO TC 204 ,
- Mobility Integration CEN TC 278 WG 17
- "Cybersecurity and Data Protection" CEN/CLC/JTC 013 .
- Artificial Intelligence - ISO JTC 1 SC 42



## Contribute to standardization :



- You can join a technical standardization committee (TC) as a “participant member” and input your contribution for the development of International or European Standards.
  
- You can join an International or European Technical Committee with the Status of a “document Monitor” where you observe and follow the work of the Technical Committee electronically.
  
- You can join one of the National Mirror Committees of CYS.



**Thank for your Attention!!!**

