

ACCREDITATION

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DU MARCHÉ

MÉTROLOGIE

NORMALISATION

ILNAS

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Standards Analysis ICT Sector – Luxembourg 2021

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Luxembourg's vibrant ICT market

Initiatives:

- Digital Lëtzebuerg
- National Cybersecurity Strategy IV
- The Data-Driven Innovation Strategy for the Development of a Trusted and Sustainable Economy
- Artificial Intelligence: a Strategic Vision for Luxembourg
- ...

Luxembourg is:

- 10th overall in the 2020 EU DESI index
- 3rd in connectivity in the 2020 EU DESI ranking
- 13th in ITU's global cybersecurity index 2020
- ...

📦 2900+ ICT companies

📦 20000+ ICT workers

Technical standardization

- ◆ **Apply technical standards**
- ◆ **Participate in standardization**

Topics to choose from:

- Software engineering
- Smart ICT
- E-health
- Cybersecurity
- ... and so many more!

Technical standards are a catalyst for adoption, providers of quality and safety, and tools for making a better society.

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Objective


- ◆ **A practical tool for the market**
- ◆ **One single resource to consult**
- ◆ **Major ICT SDOs and committees to know about**



ICT Sector – Luxembourg 2021 Committee ID card

The Committee's

- Scope
- Structure
- National involvement
- ...

ISO/IEC JTC 1/SC 38 CLOUD COMPUTING AND DISTRIBUTED PLATFORMS			
			
GENERAL INFORMATION			
Creation date	2009	Secretariat	ANSI (United States)
Chairperson	Mr. Steve Holbrook	Committee Manager	Mr. Bill Ash
Scope	Standardization in the areas of Cloud Computing and Distributed Platforms including: <ul style="list-style-type: none"> - Foundational concepts and technologies; - Operational issues; - Interactions among Cloud Computing systems and with other distributed systems. SC 38 serves as the focus, proponent, and systems integration entity on Cloud Computing, Distributed Platforms, and the application of these technologies. SC 38 provides guidance to JTC 1, IEC, ISO and other entities developing standards in these areas.		
Structure	AG 1 Communications committee AG 2 JTC 1/SC 38 Officers group AG 5 Long-term strategy CAG Chair's Advisory group CG 1 Liaison coordination group for JTC 1/SC 27 CG 2 Liaison coordination group for JTC 1/SC 41 CG 3 Liaison coordination group for JTC 1/SC 42 CG 4 Liaison coordination group for JTC 1/SC 7 CG 5 Liaison coordination group for JTC 1/WG 13 WG 3 Cloud Computing Fundamentals (CCF) WG 5 Data in cloud computing and related technologies		
Webpage	https://www.iso.org/committee/601355.html		
STANDARDIZATION WORK			
Published standards	22	Projects	7
INTERNATIONAL MEMBERS AND NATIONAL INVOLVEMENT			
P-Members (28)	28 participating members, including Luxembourg		
O-Members (21)	21 observing members		
Luxembourg's involvement	13 national delegates		

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Thematic classification

- Cloud computing
- IoT
- Artificial intelligence and Big data
- Software and programming languages
- Blockchain
- Digital trust
- Telecommunications and networks
- Governance of IT
- Education and training
- E-health
- Fintech
- Green ICT and data centers
- Intelligent transport systems
- Smart cities
- Smart energy and grid
- Smart manufacturing

Broader scope from previous versions that were focused on Smart ICT and Digital Trust

Smart ICT still there, among the rest

Additional special committees, e.g. ISO/IEC JTC 1 *Information technology*

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Document structure

- ◆ Context on ICT economy
- ◆ Fundamentals on standardization
- ◆ ICT committees according to classification
- ◆ Some ICT fora and consortia
- ◆ ILNAS and ANEC products and services

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What should you do with it?

- Dive into it!
- Find out what committees are relevant to your business
- Core business? Internal process? Management system? Etc.
- Give us your opinion!
- We want to make it even more practical for you
- Satisfaction survey

Participate!

Thank you!



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