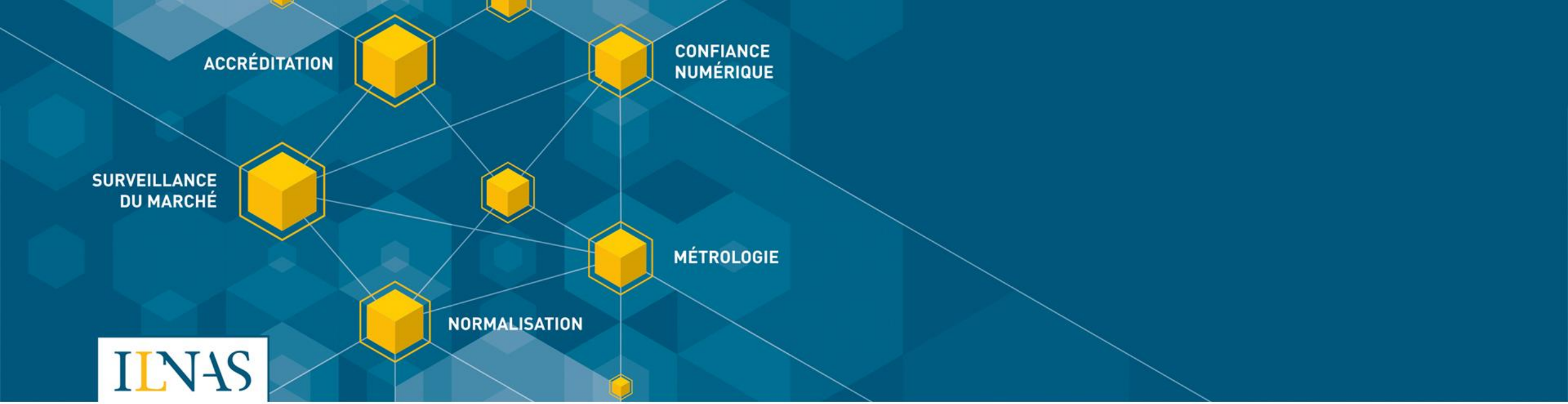



# Presentation of the ILNAS National Standardization Commission “Cybersecurity” (ILNAS/NSC 01)

Wednesday 28 September 2022

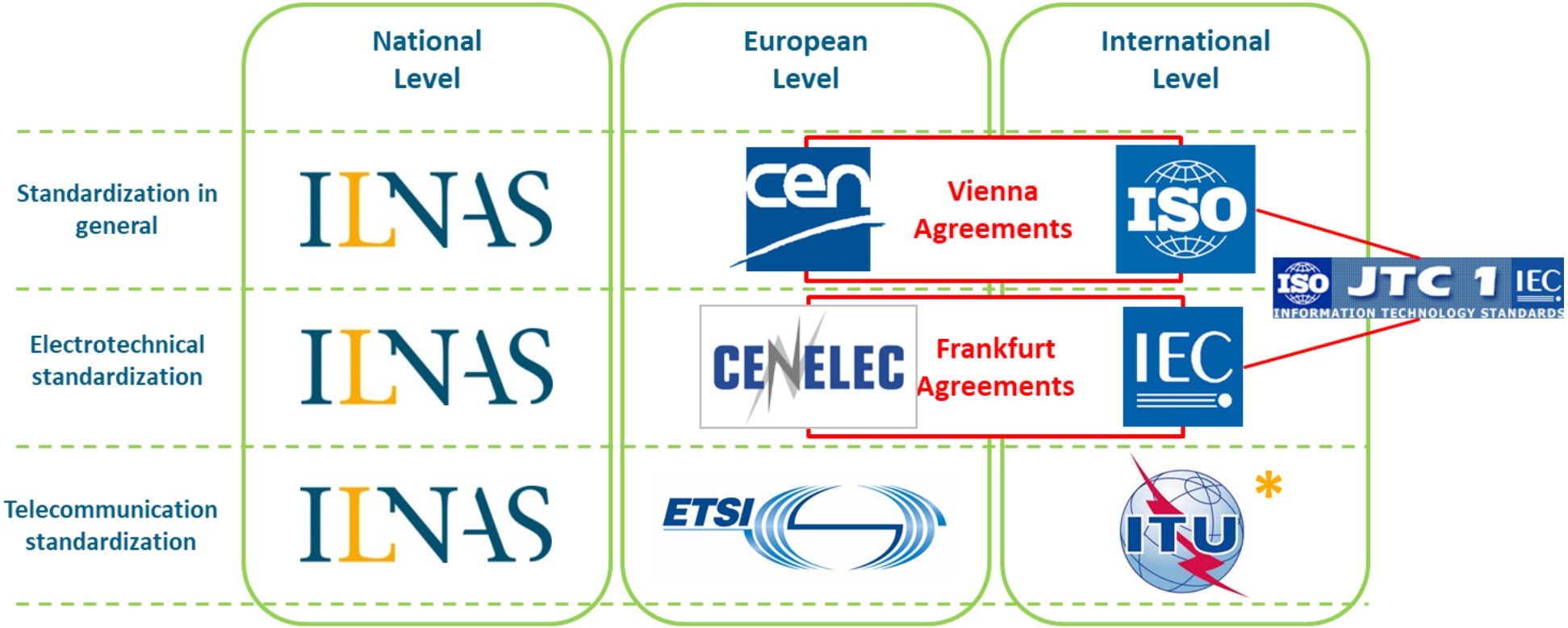
*Nicolas Domenjoud*

*Responsible ICT & Technical Standardization*

*ILNAS/OLN*

# National Standardization Commission “Cybersecurity”

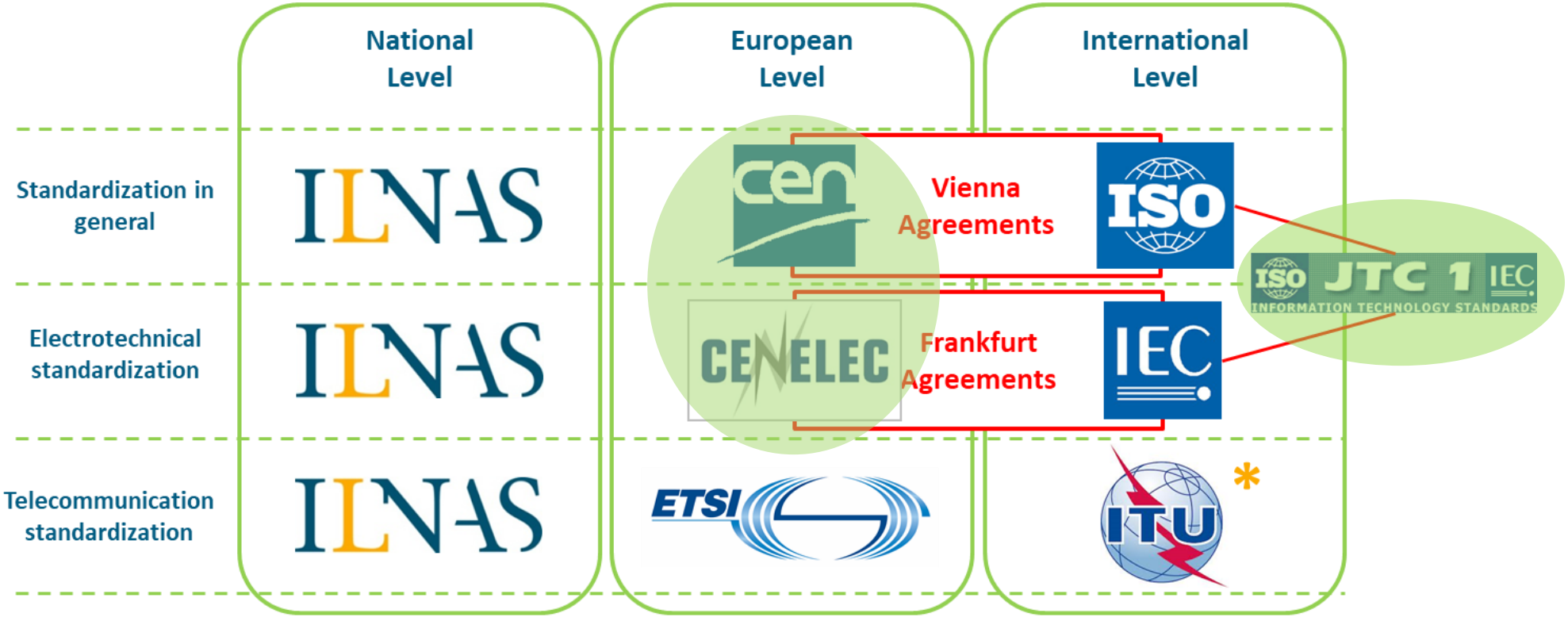
Reminder - ILNAS and the international standardization organizations




* ITU-T

# National Standardization Commission “Cybersecurity”

Reminder - ILNAS and the International standardization organizations

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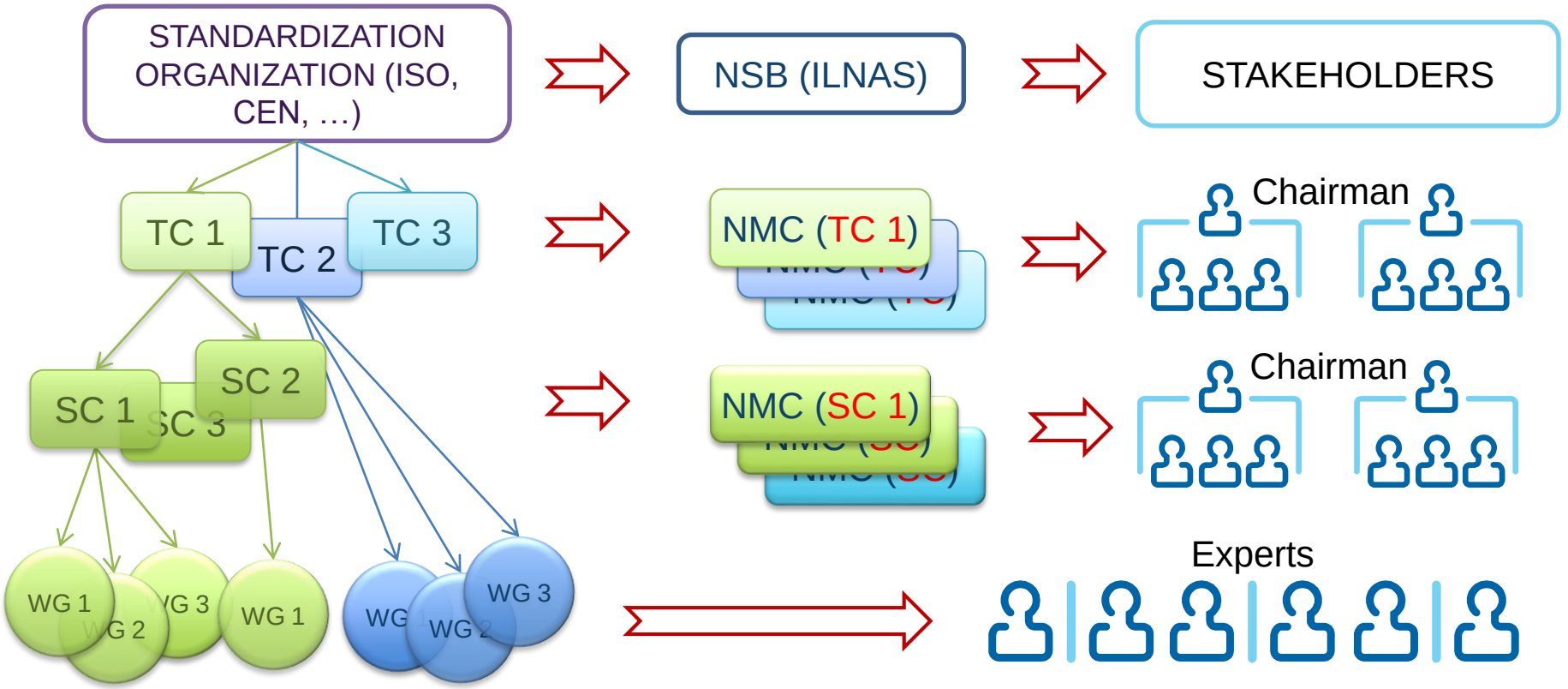
# National Standardization Commission “Cybersecurity”

National Mirror Committees VS National Standardization Commissions

- **ILNAS traditional approach to standardization activities: National Mirror Committees (NMC)**

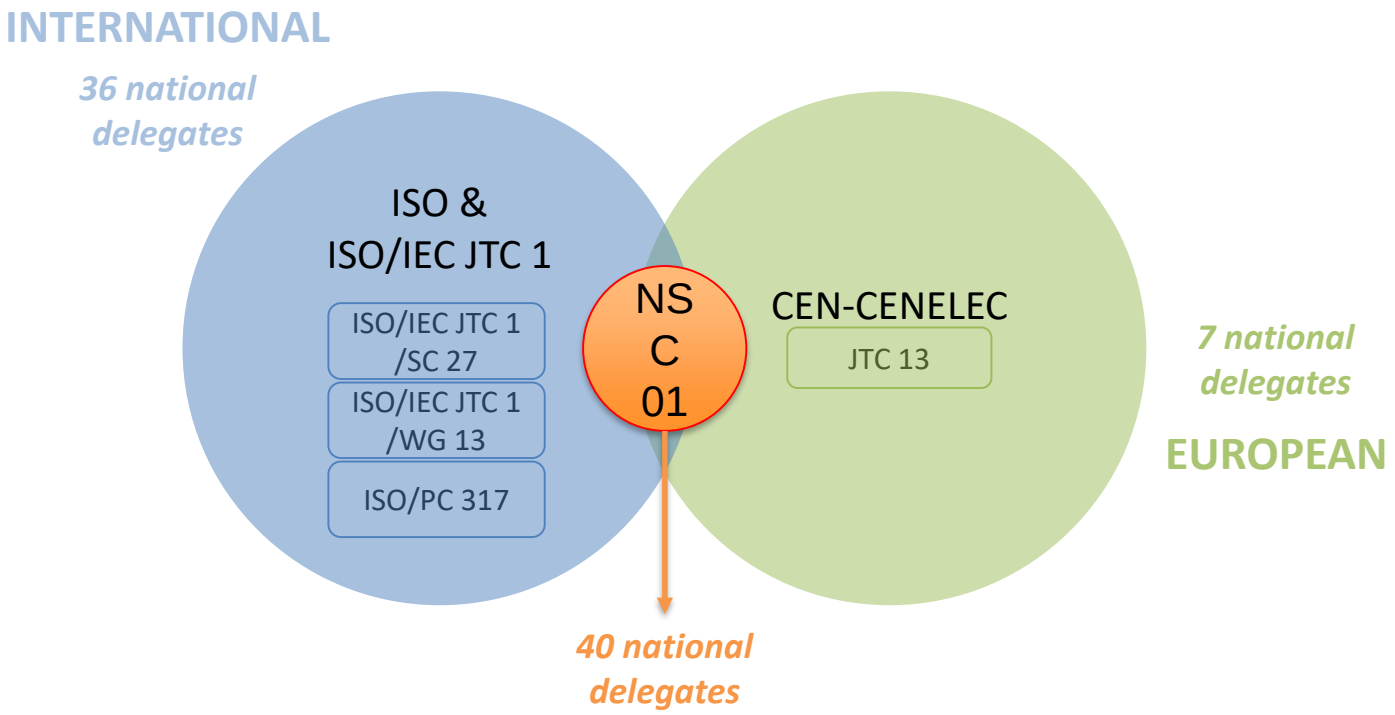



**Organization in silos**

# National Standardization Commission “Cybersecurity”

National Mirror Committees VS National Standardization Commissions

- **ILNAS new approach to standardization activities with similar or complementary topics: National Standardization Commissions (NSC)**
  - NSC 01 “Cybersecurity” is the first one created (November 2021)




- **Objectives**
  - Avoid fragmentation of the work at national level
  - Improve national participation in European standards projects
  - Remove complexities for national experts participating in multiple technical committees from different SDOs

# National Standardization Commission “Cybersecurity”

Cybersecurity standardization – Technical Bodies in the scope of the NSC 01

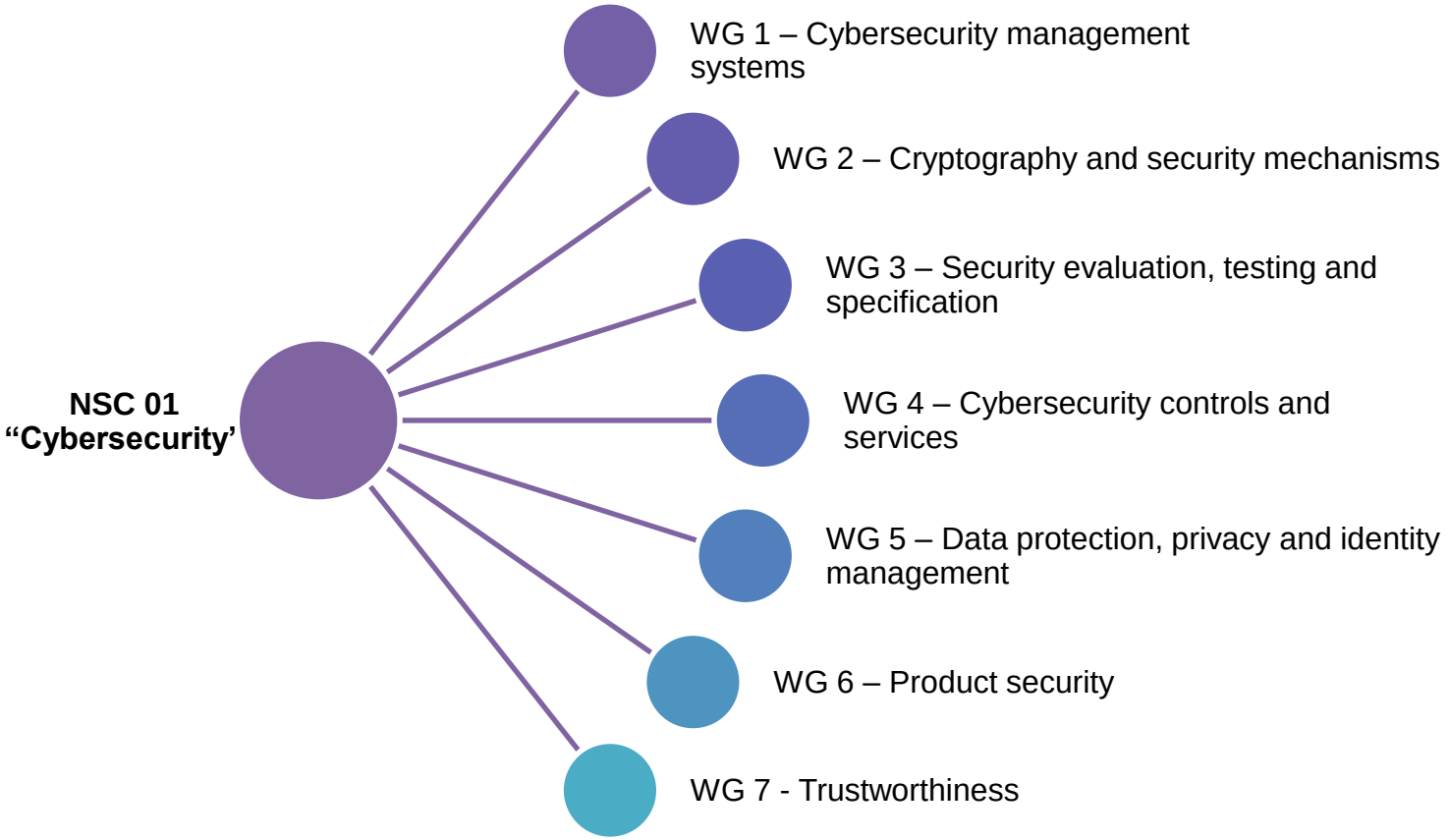
- **International**
  - **ISO/IEC JTC 1/SC 27 - Information security, cybersecurity and privacy protection**
    - ISO/IEC 15408 series - Evaluation criteria for IT security (Common Criteria)
    - ISO/IEC 270xx series - Information security management systems
    - ISO/IEC 27701:2019 - Security techniques — Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management — Requirements and guidelines
    - …
  - **ISO/IEC JTC 1/WG 13 – Trustworthiness**
    - ISO/IEC TS 5723 - Trustworthiness Vocabulary
    - ISO/IEC TS 24462 - Ontology for ICT Trustworthiness Assessment
  - **ISO/PC 317 - Consumer protection: privacy by design for consumer goods and services**
    - ISO 31700 - Consumer protection - Privacy by design for consumer goods and service (2 parts)

- **Europe**
  - **CEN/CLC JTC 13 - Cybersecurity and Data Protection**
    - Adoption of INT standards (from JTC 1/SC 27)
    - Specific projects, mainly in support of EU legislation (e.g.: GDPR, CSA, RED, …)

# National Standardization Commission “Cybersecurity”

Structure of the National Standardization Commission (NSC) “Cybersecurity”

## National Standardization Commission (NSC 01) “Cybersecurity”




**Portfolio of 121 projects**

# National Standardization Commission “Cybersecurity”

Why participating in the National Standardization Commission (NSC) “Cybersecurity”

- **A one-stop shop for Cybersecurity Standardization**
  - National experts can register within a single NSC in order to follow and participate in all the most relevant standardization committees and projects in the cybersecurity area
    - Administrative simplification (one registration allows access to all the relevant entities)
    - Pooling of efforts (all national delegates are aware of the global context and can synchronize their efforts)
    - Strengthening of the participation in EU standards projects

- **With the NSC 01, ILNAS intends to better address the needs of the national market for its involvement in cybersecurity technical standardization and aims at giving Luxembourg the opportunity to better defend its interests in international and European cybersecurity standards projects**

- **ISO/IEC JTC 1/SC 27 – An essential technical body in the cybersecurity standardization area!**

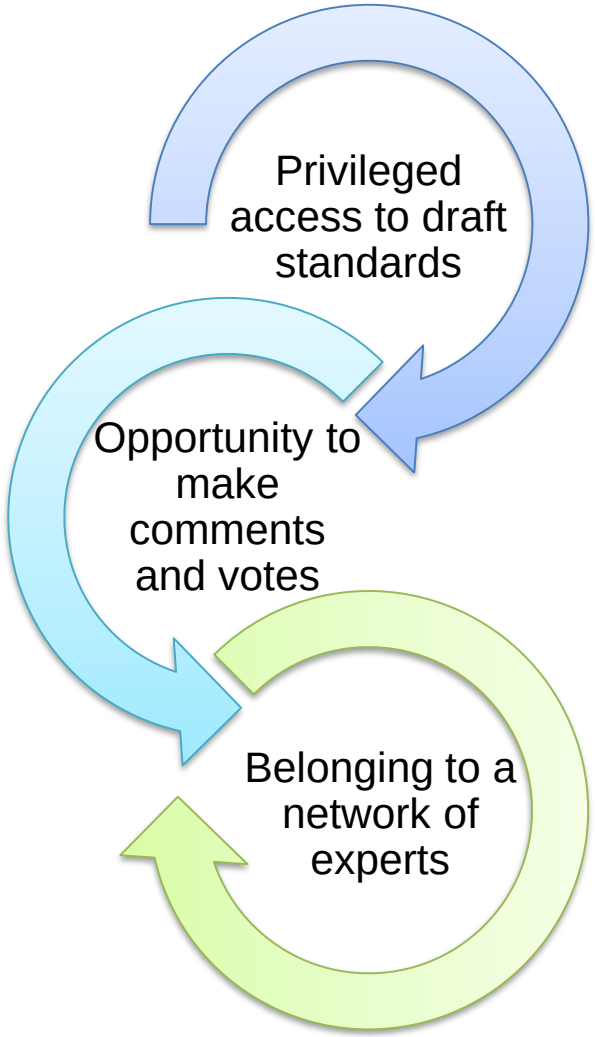
  - ISO: **1 617** deliverables published by **3 751** technical bodies in 2021

    - ISO/IEC JTC 1: **253** deliverables (**15.6 %** of the total)

    - ISO/IEC JTC 1/SC 27: **25** deliverables (**1.54%** of the total)

# National Standardization Commission “Cybersecurity”

Why participating in the National Standardization Commission (NSC) “Cybersecurity”




- Live monitoring of the development of draft standards
- Analyze ongoing projects and draft standards
- Anticipate future market rules and best practices

- Defend the interests of your business
- Spread and promote your innovations
- Valuate your know-how as good practices which could serve as a reference in your sector of activity

- Learn about your competitors and their position during the meetings
- Collaborate in order to defend common interests
- Enhance your organization and your skills at national, European and international level in terms of competitiveness

# National Standardization Commission “Cybersecurity”

Participation in the National Standardization Commission (NSC) “Cybersecurity”

## Participation in standardization activities

- ILNAS ensures the management of the participation of national experts who represent Luxembourg in European and international technical committees
  - Open to any organization based in Luxembourg
  - Free of charge

## National register of delegates

- 292 experts registered (September 2022)
- 1043 registrations in technical committees
- Link: https://gd.lu/cCN7qg

Registre national des délégués en normalisation - Août 2022

Nombre d'inscriptions aux comités techniques :

| | |
|---|---|
| ILNAS/OLN | 75 |
| CEN | 236 |
| CENELEC | 12 |
| CEN/CLC | 46 |
| CEN/CLC/ETSI | 2 |
| ECISS | 0 |
| ISO/IEC | 355 |
| ISO | 304 |
| IEC | 13 |
| Total | 1043 |

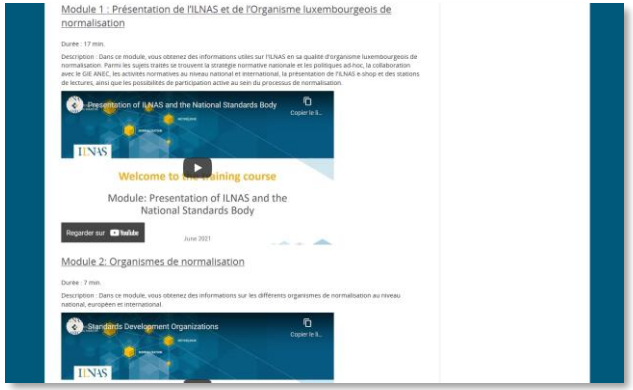
Nombre de personnes inscrites : 292

ILNAS

1, av du Swing - L-4367 Belvaux - Tél. : (+352) 24 77 43 40 - Fax : (+352) 24 79 43 40 - Email : normalisation@ilnas.etat.lu - www.portail-qualite.lu

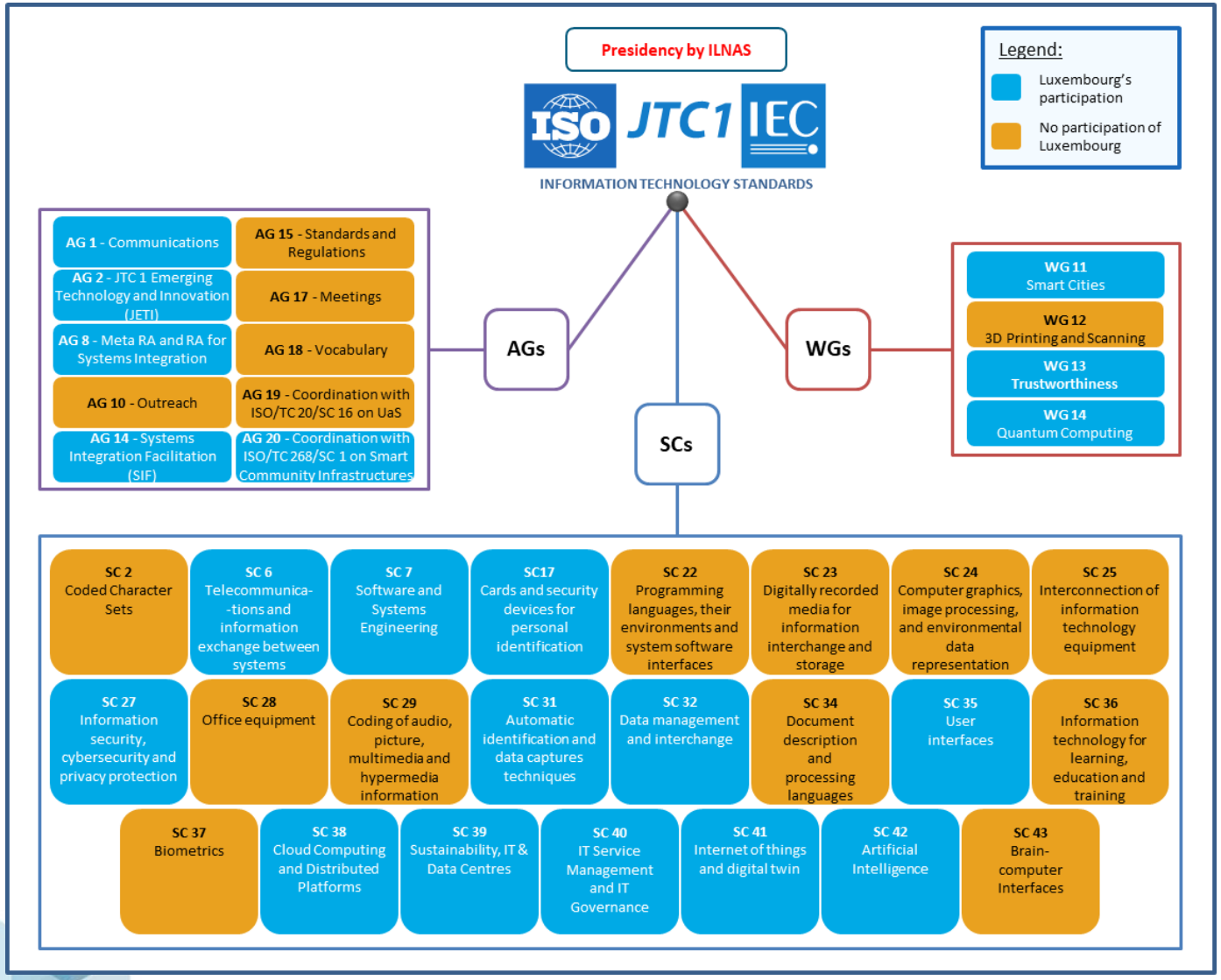
## Online trainings to facilitate the appropriation of technical standardization

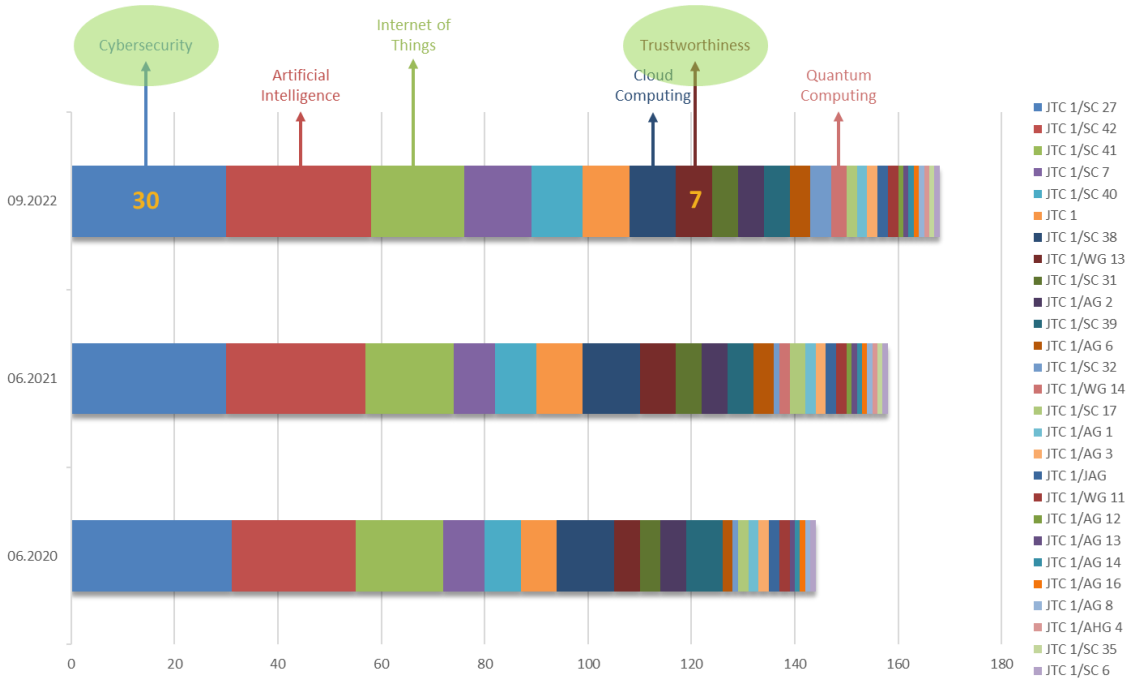
- Training modules have been developed to allow national stakeholders to understand technical standardization and to familiarize themselves with the role of national delegate (https://www.youtube.com/channel/UCiGeFq_P0HPdBcqohXjEpkA/playlists)




→ More information available on: https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html

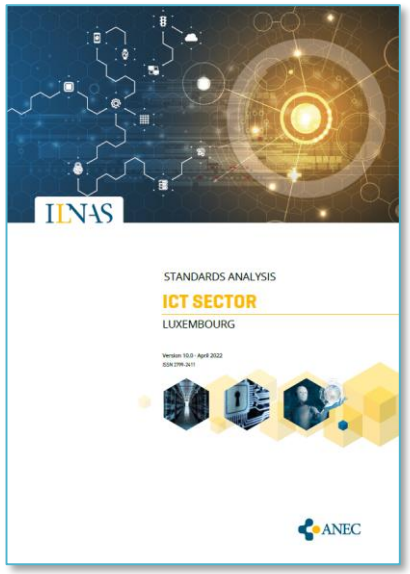
# Technical Standardization in the ICT area – ISO/IEC JTC 1



# Additional information

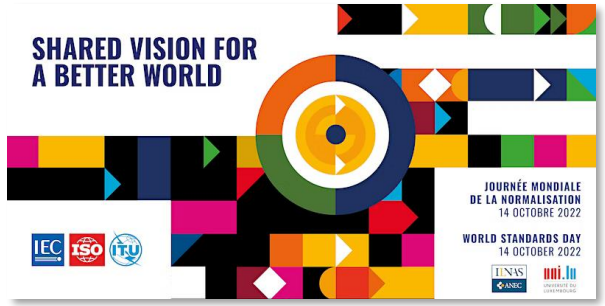
- **PUBLICATIONS** (https://portail-qualite.public.lu/fr/publications.html)




**Standards Analysis ICT – Luxembourg**

- A single-document resource of technical standardization committees covering the overall ICT sector
- To help you identify quickly and efficiently technical bodies connected to your business within which participating might be of interest
- https://gd.lu/cQFNkt

- **EVENTS** (https://portail-qualite.public.lu/fr/agenda.html)




**World Standards Day 2022**

- 14/10/2022 | 13h30 – 18h00
- University of Luxembourg (Belval Campus) - Biotech II
- https://www.eventbrite.com/e/billets-journee-mondiale-de-la-normalisation-2022-world-standards-day-2022-415824290647

*Thank you for your attention!*

ILNAS

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