

IN THE FRAMEWORK OF:

SESEI

Seconded European
Standardisation
Expert in India

Enabling Europe-India Cooperation on Standards



EUROPEAN COMMITTEE
FOR STANDARDIZATION

CENELEC

EUROPEAN COMMITTEE
FOR ELECTROTECHNICAL STANDARDIZATION



4th Indo-European Conference on Standards & Emerging Technologies

7th December 2023 | The LaLiT, New Delhi, India



European Standardization of Cybersecurity and Data Protection

Dr. Walter Fumy, Chairperson CEN-CENELEC JTC 13

CEN-CLC/JTC 13 Cybersecurity and Data Protection

established 2017



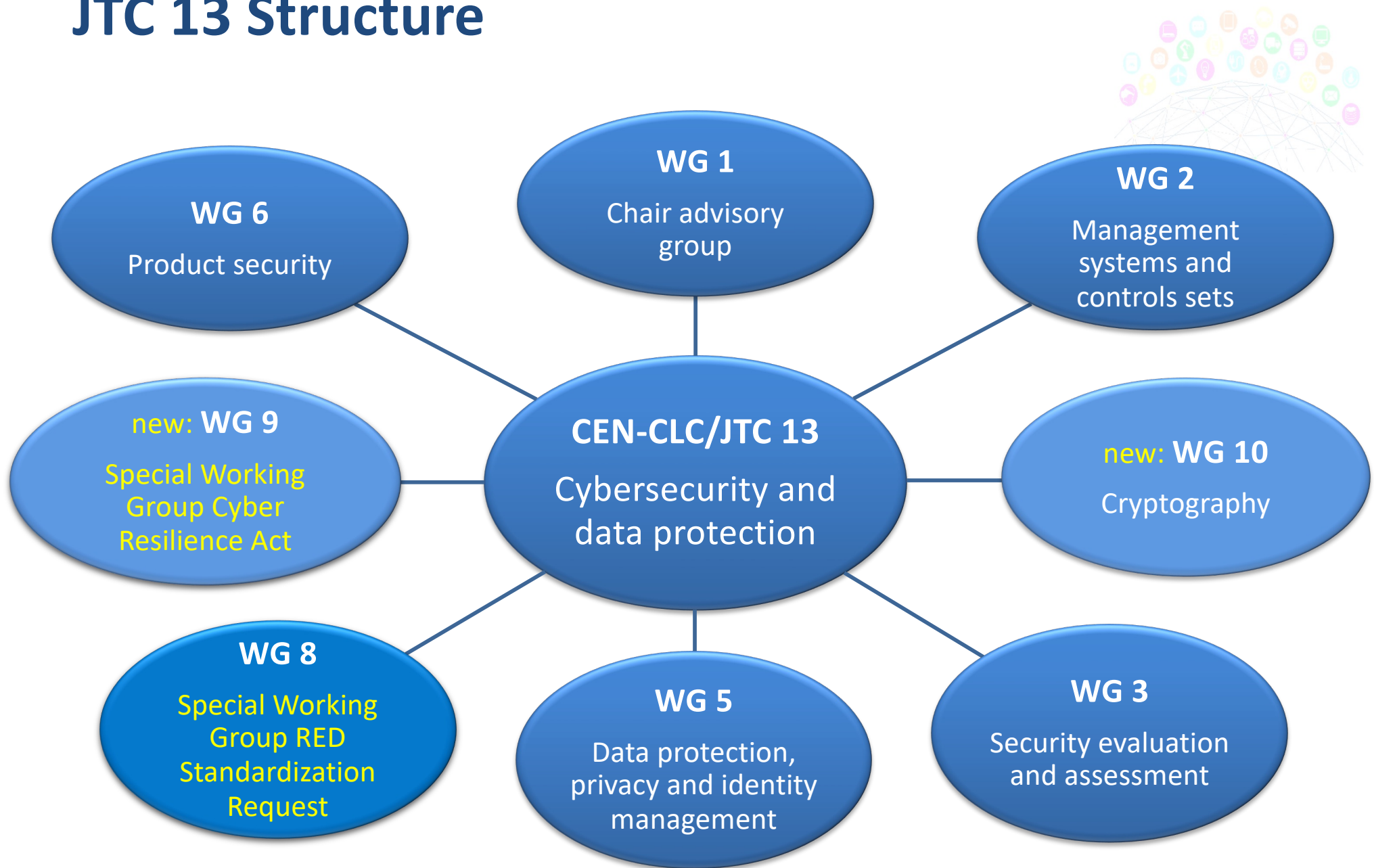
- Joint technical committee (JTC) of CEN and CENELEC
 - 200+ European experts on cybersecurity and data protection
 - eight dedicated Working Groups
 - 50+ publications (17 in 2023 alone)
 - three JTC 13 Plenary meetings per year
-
- Chairperson: *Walter Fumy*, Bundesdruckerei (Germany)
 -  Secretariat: DIN German Institute of Standardization
 -  Secretary: *Martin Uhlherr*
 - CEN-CLC Management Centre Programme Manager: *Laurens Hernalsteen*

Scope

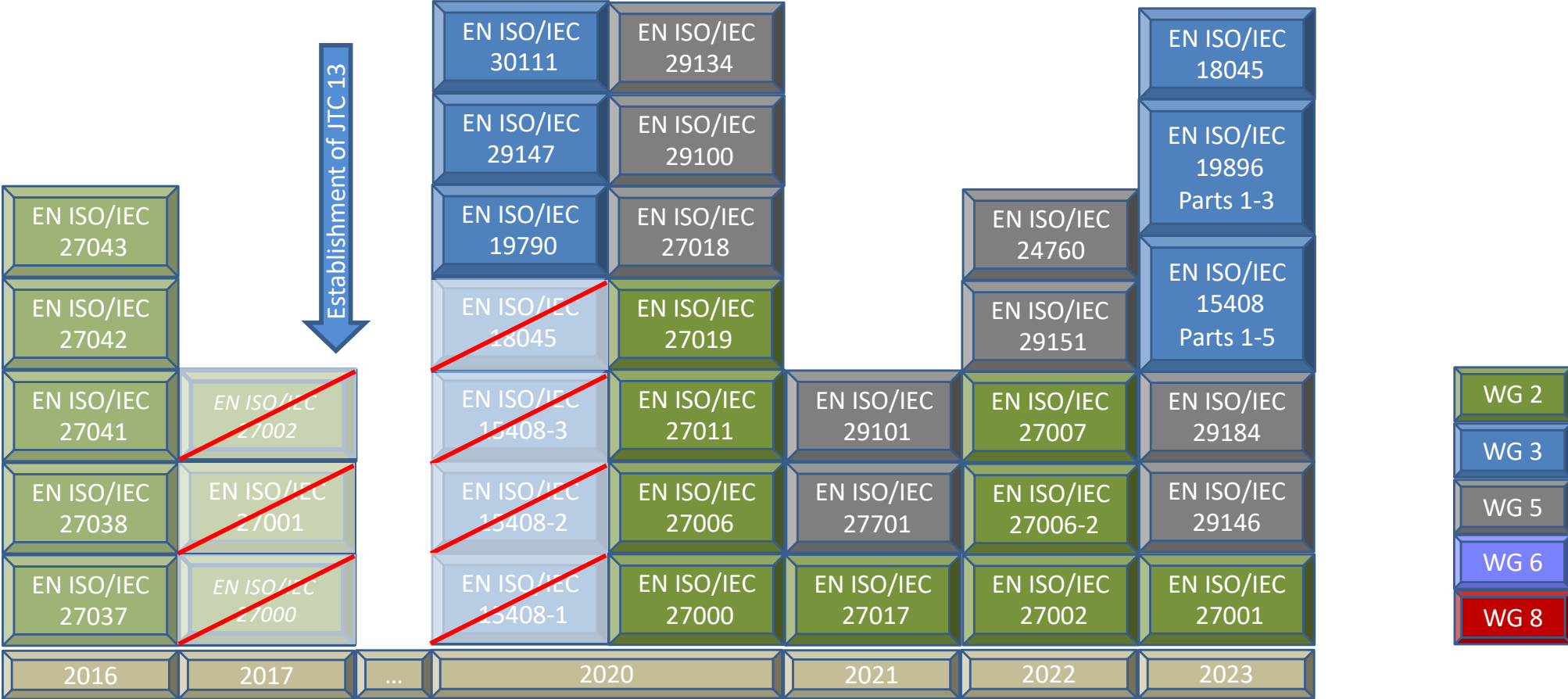


- Development of horizontal standards in the field of cybersecurity and data protection for vertical application domains
 - driven by European market needs
- Key areas of work
 - Security requirements, services, techniques and guidelines
 - Management systems, frameworks, methodologies
 - Data protection and privacy
 - Security assessment and evaluation
 - **Cryptography (new)**
- ✓ Identification and adoption of documents published by ISO/IEC JTC 1, other SDOs, international bodies and industrial fora
- ✓ Development of specific CEN-CENELEC publications

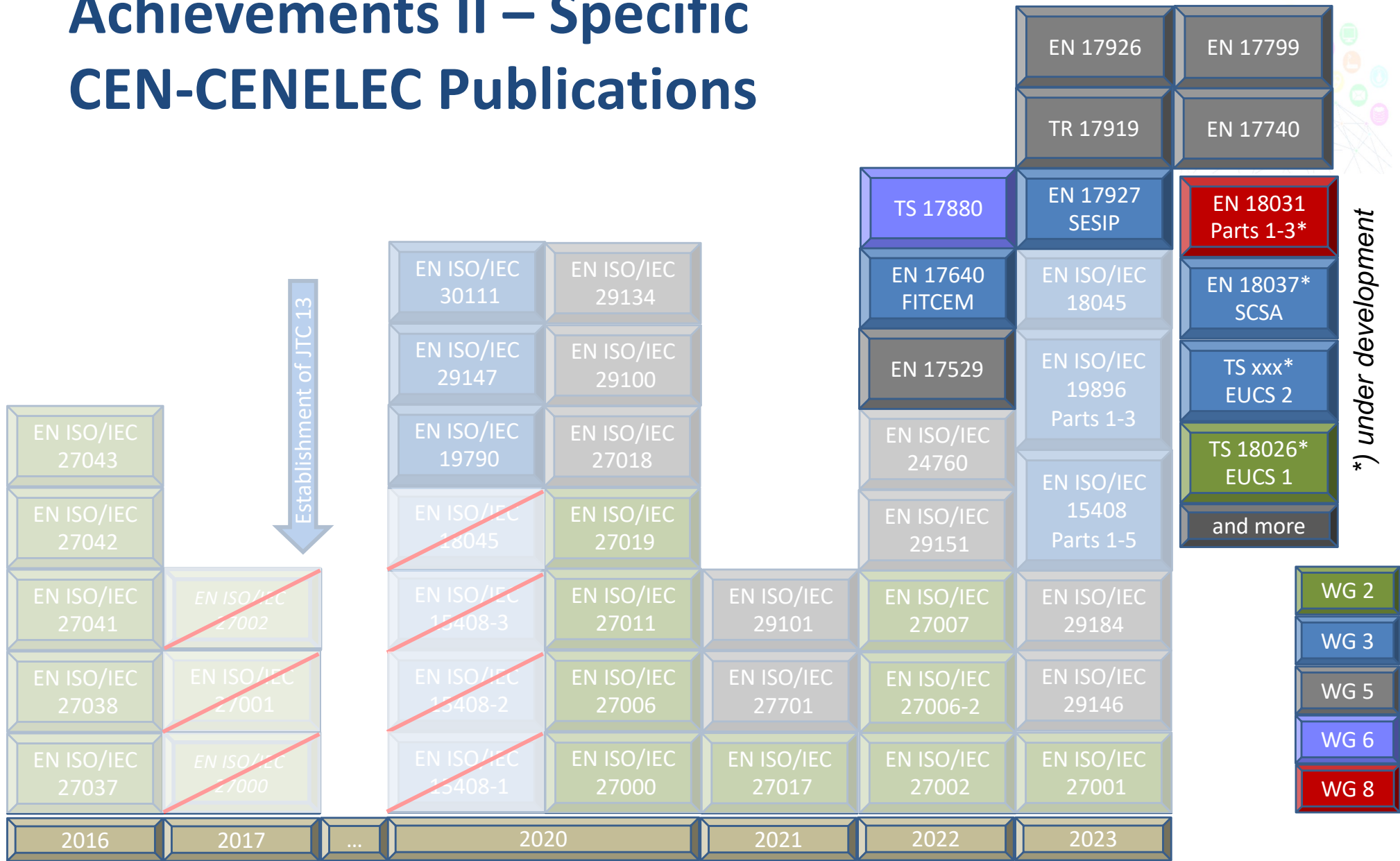
JTC 13 Structure



Achievements I – Adoption of ISO/IEC Documents



Achievements II – Specific CEN-CENELEC Publications



... supporting European
cybersecurity regulation



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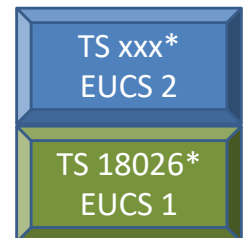
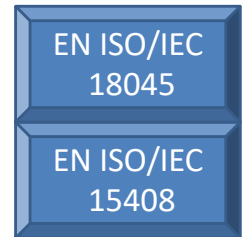


EU Cybersecurity Act (CSA)



Certification framework includes

- EUCC: Common Criteria based European Cybersecurity Certification
 - Successor of EU national schemes operating under the SOG-IS* Mutual Recognition Agreement
 - Based on (EN) ISO/IEC 15408, (EN) ISO/IEC 18045, ISO/IEC 17065 ...
- EUCS: Cloud Services Scheme
 - Standards under development: EUCS1 [WG 2], EUCS2 [WG 3]
 - ISO/IEC 22123: Cloud Computing [ISO/IEC JTC 1/SC 38]
- EU5G: 5G Cybersecurity Certification Scheme
 - JTC 13 adhoc group („WG 7“) under supervision of JTC 13/WG 1
- prEN 18037: Guidelines on a sectoral cybersecurity assessment (under approval)



*) Senior Officials Group - Information Security

Special WG RED Standardisation Request



- WG 8 established July 2022 to develop the harmonised standards regarding radio equipment in support of Directive 2014/53/EU of the European Parliament and of the Council and Commission Delegated Regulation (EU) 2022/30.

Three WG 8 projects:

- prEN 18031-1: Common security requirements for radio equipment – Part 1: Internet connected radio equipment
- prEN 18031-2: Common security requirements for radio equipment – Part 2: Radio equipment processing data, namely internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment
- prEN 18031-3: Common security requirements for radio equipment – Part 3: Internet connected radio equipment processing virtual money or monetary value

Further Topics



- AI Act
 - Draft Standardization Request published December 2022
 - CEN-CENELEC JTC 21 *Artificial Intelligence* established WG 5 *Cybersecurity*
 - JTC 13 cooperates with CEN-CENELEC JTC 21
- Cyber Resilience Act (CRA)
 - early draft of CRA Standardization Request made available for comment July 2023
 - CEN and CENELEC established a Standardization Request Ad-Hoc Group (SRAHG) to consolidate feedback
 - JTC 13/WG 9 coordinates JTC 13 position





***THANK YOU FOR YOUR KIND
ATTENTION!***

Additional information on JTC 13

<https://standards.cencenelec.eu/>

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