EUROPEAN UNION AGENCY
FOR CYBERSECURITY

ENISA PERSPECTIVE ON EUROPEAN STANDARDISATION AND CERTIFICATION

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Cybersecurity Certification

01 10 2025

CYBERSECURITY MARKET COMPETITIVENESS

Goal: High level of EU cybersecurity market competitiveness

- Promote buy secure EU
- Build and maintain secure EU
- Simplify compliance
- Enable innovation
- Harmonize & unify

- Technological competitiveness
- Standards and tech specs as enablers
- Market surveillance
- Monitor & measure

FOSTERING EU CYBERSECURITY MARKET

VISION FOR A HIGH LEVEL OF TRUST IN DIGITAL MARKET

Establish and support the EU cybersecurity certification framework (ECCF)

Provide citizens and companies with the assessment of assurance levels on digital solutions

Provide technical support and independent advice for the implementation of a cyber secure digital environment across the EU

Promote conformity assessment across different legislative streams to develop and promote secure EU products, enable procure secure EU

VISION FOR A HIGH LEVEL OF TRUST IN DIGITAL MARKET

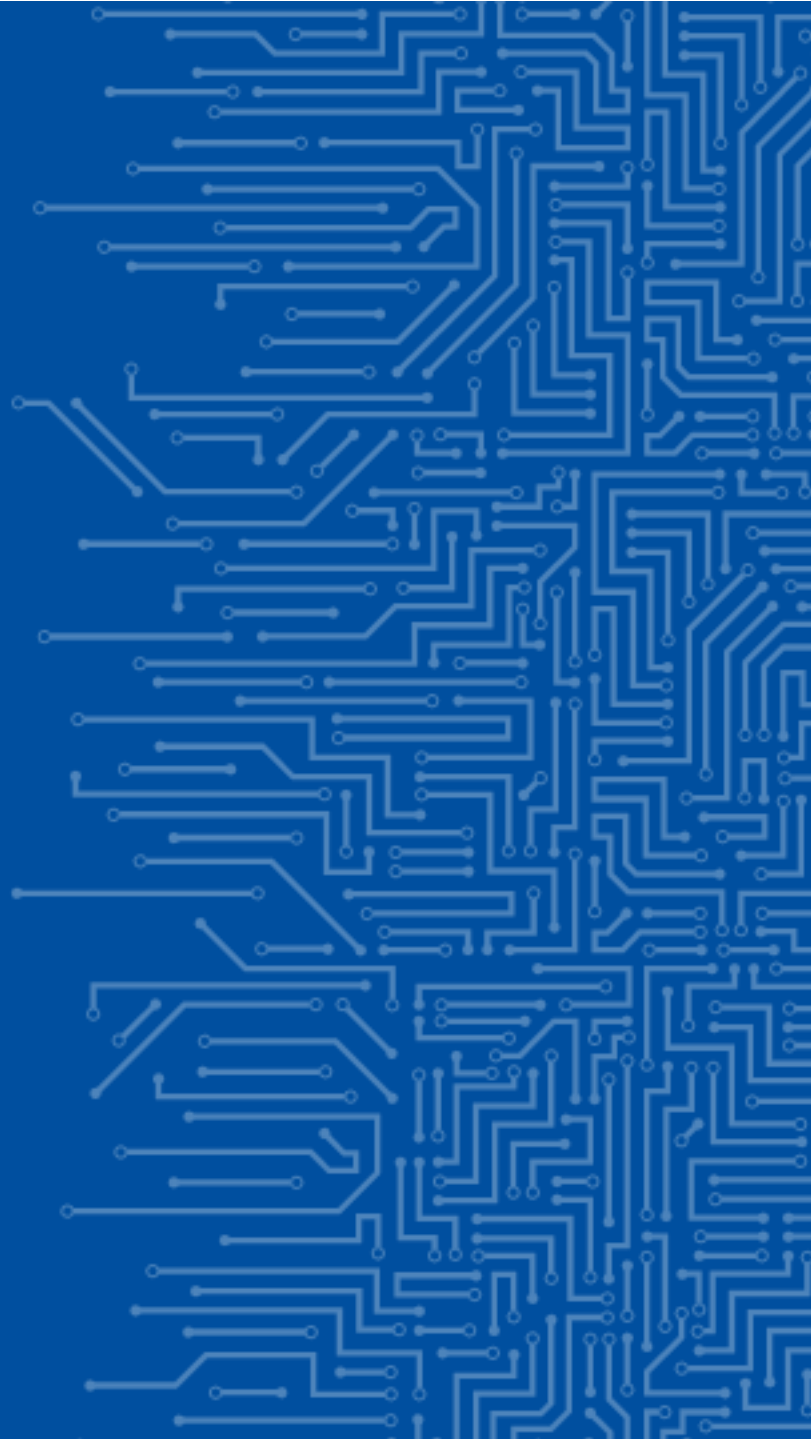
Contribute to fostering the cybersecurity market for products and services made in the EU

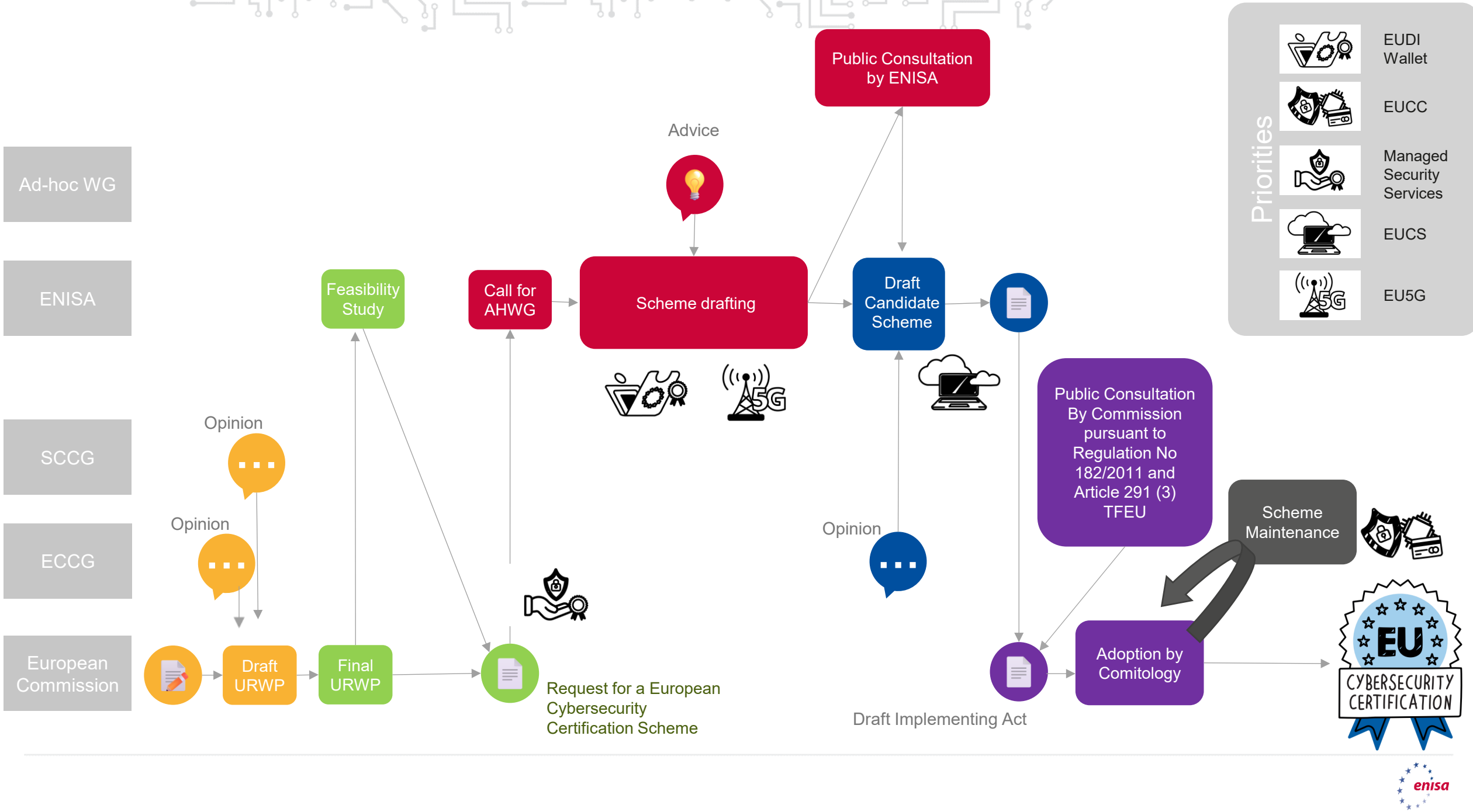
Promote and implement ‘security by design’ and ‘security by default’ measures in ICT products, services, and processes, including through the adoption of relevant technical guidelines/specifications

Ensure an effective the CRA, notably in terms of market monitoring and analysis, and supporting the whole cybersecurity market ecosystem

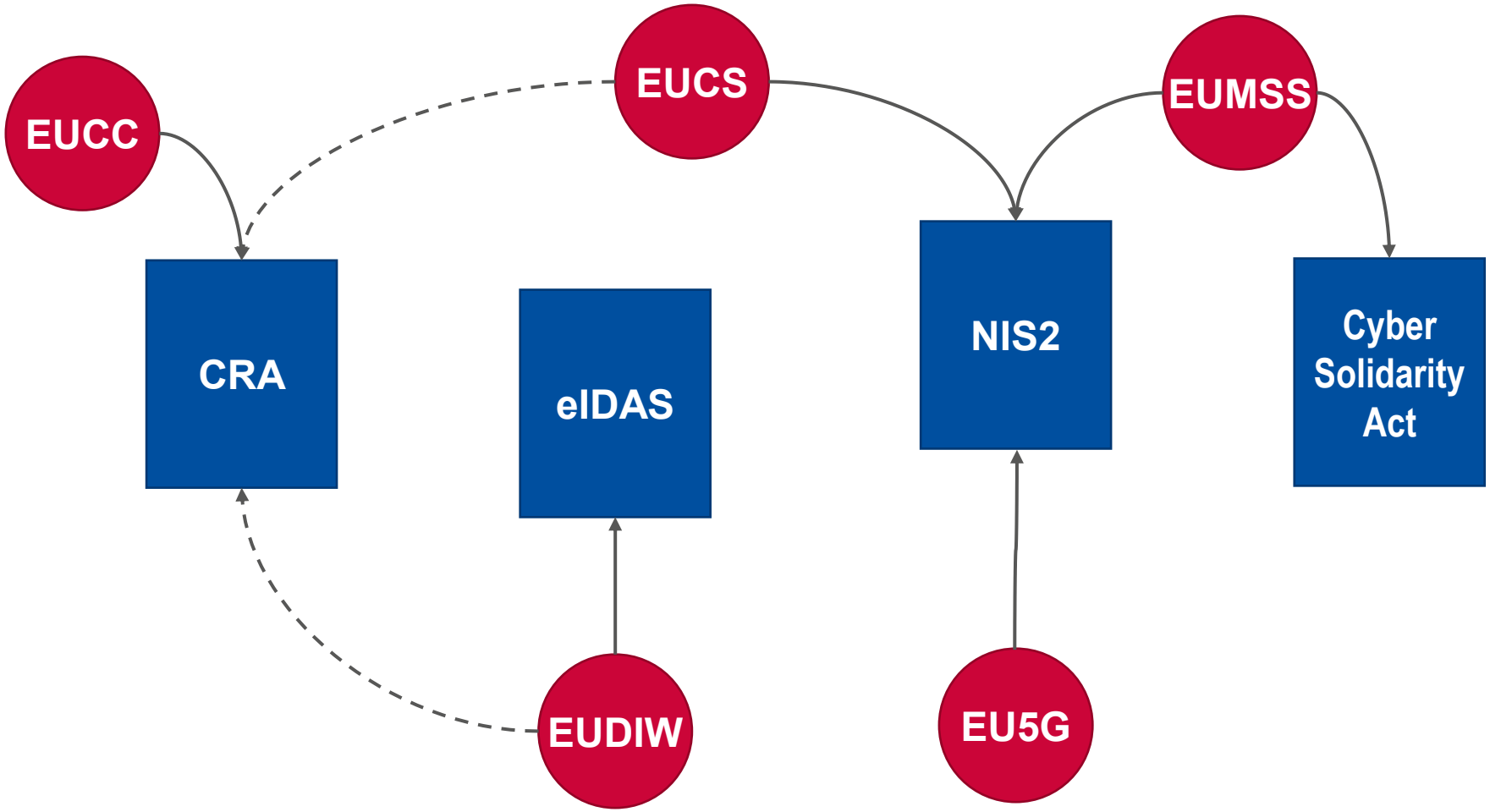
Provide practical guidelines to promote product security vs paper security

CYBERSECURITY CERTIFICATION UPDATE




Ad-hoc WG
ENISA
SCCG
ECCG
European Commission
Public Consultation by ENISA
Advice
Feasibility Study
Call for AHWG
Scheme drafting
Draft Candidate Scheme
Opinion
Opinion
Opinion
Public Consultation By Commission pursuant to Regulation No 182/2011 and Article 291 (3) TFEU
Scheme Maintenance
Draft URWP
Final URWP
Request for a European Cybersecurity Certification Scheme
Draft Implementing Act
Adoption by Comitology
EU CYBERSECURITY CERTIFICATION
Priorities
EUDI Wallet
EUCC
Managed Security Services
EUCS
EU5G

A STRONG LINK TO EU REGULATION



UPDATE ON THE EUROPEAN CYBERSECURITY CERTIFICATION SCHEMES

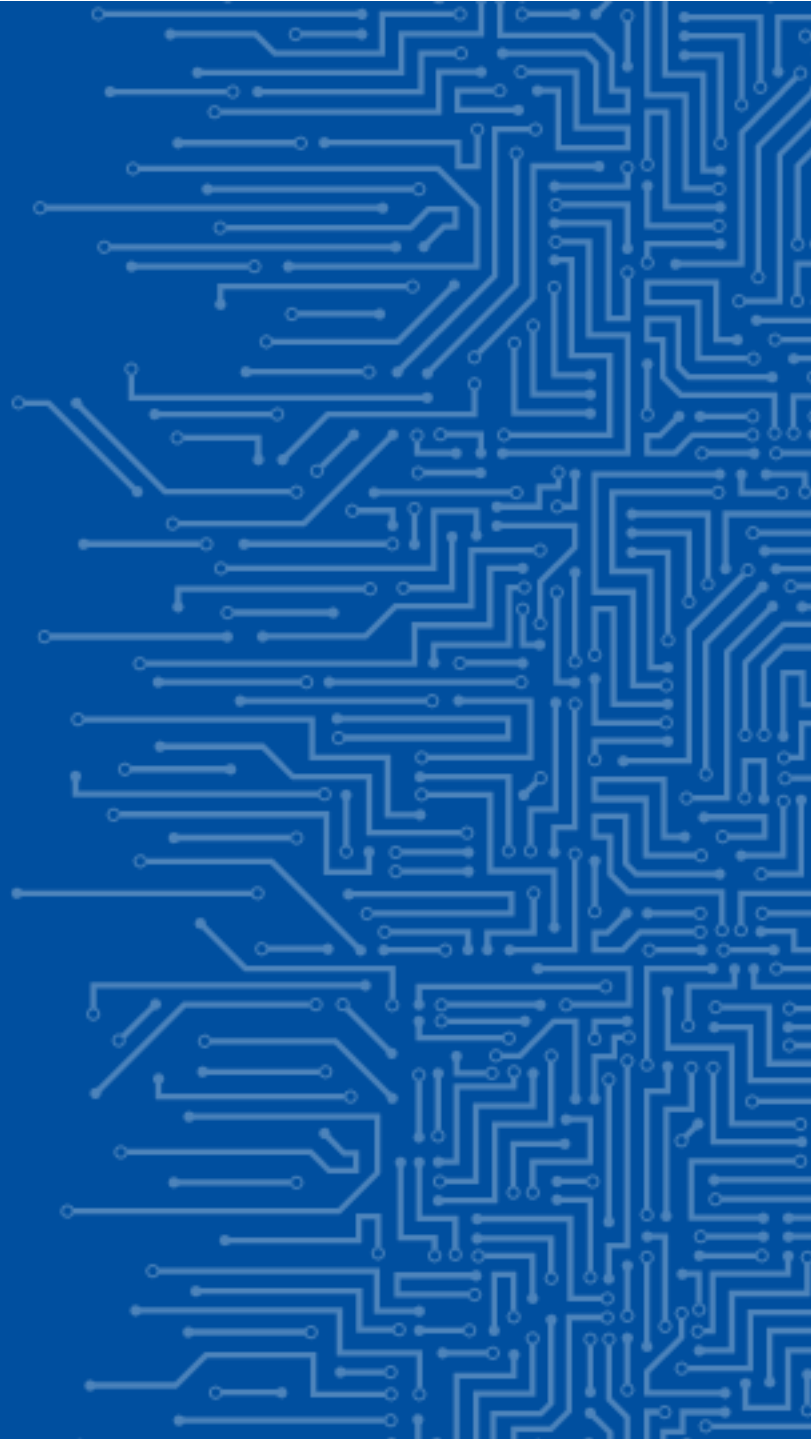
Several schemes requested

- **EUCC** has been published in 2024, first CAB notifications and certificates have been issued, the scheme is now under maintenance
- **EUCS** is close to delivery
- **EU5G:** the work on eUICC is now finalized (without a new scheme), a EU NESAS scheme is under development for 5G network products
- **EUDIW** started work in Q1 2025, with 2 trends: support to national schemes, and EU scheme development
- **EUMSS:** ahWG established, work commenced on a horizontal/vertical(s) scheme template in support of CSoA

More topics under investigation

- **Cryptography:** agreed cryptographic mechanisms including PQC, adopted as guidelines

ENISA STRATEGY TOWARDS STANDARDISATION



MANDATE

ENISA shall facilitate the establishment and take-up of European and international standards for risk management and for the security of ICT products, ICT services and ICT processes. (CSA, Art. 8)

ENISA shall support and promote the development and implementation of Union policy on cybersecurity certification of ICT products, ICT services and ICT processes by monitoring developments, on an ongoing basis, in related areas of standardization.. (CSA, Art. 8)

3 PILLARS OF PRIORITIES

Partner of ESO and SDOs

Support for certification & CRA (NLF)

Support for cybersecurity policy

ENISA APPROACH TO STANDARDISATION

Influence stakeholders

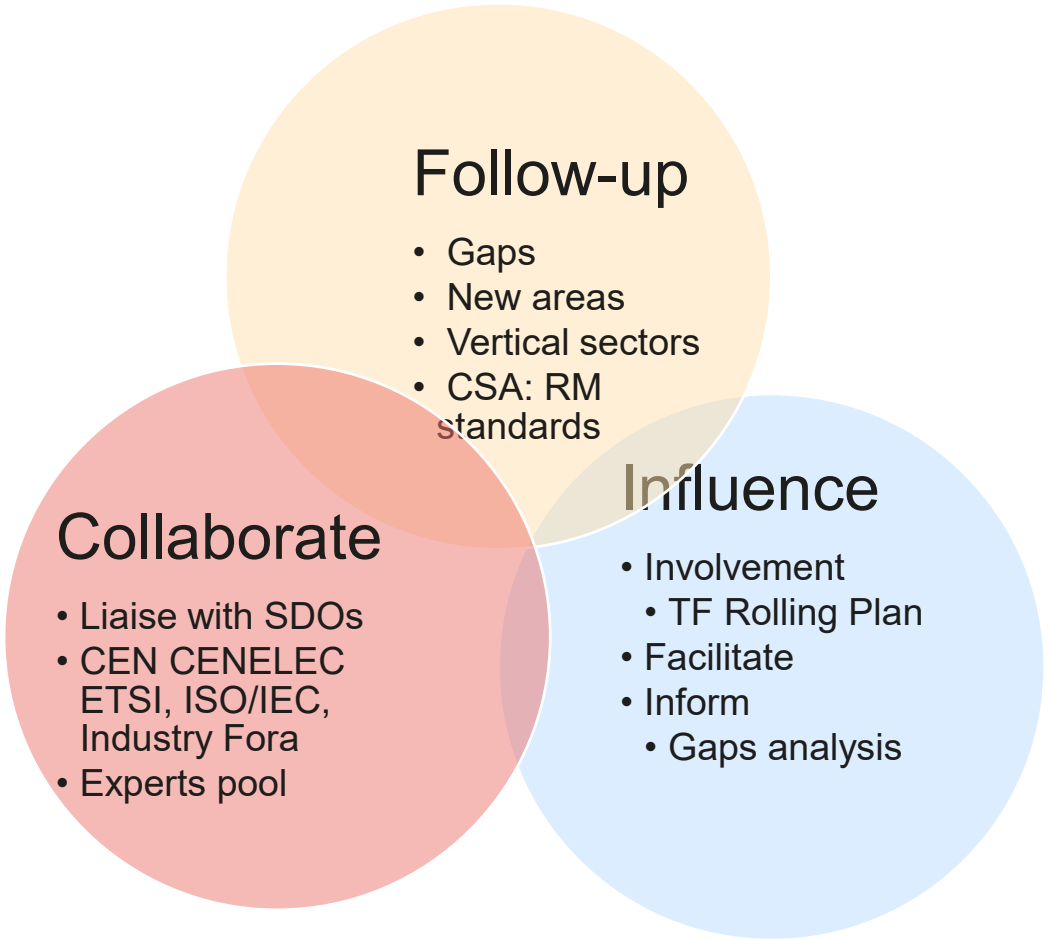
- on key policy areas including cybersecurity certification

Collaborate with public interest and private stakeholders

- on the use and development of standards

Follow up

- On gaps and new content areas e.g. assurance level methodology



Task 1: Develop the relationship with ESO/SDO/private initiatives

Task 2: Analyse standardisation requirements for cybersecurity policy

Task 3: Analyse standardisation requirements for cybersecurity certification

ENISA ACTIONS IN STANDARDISATION 2025

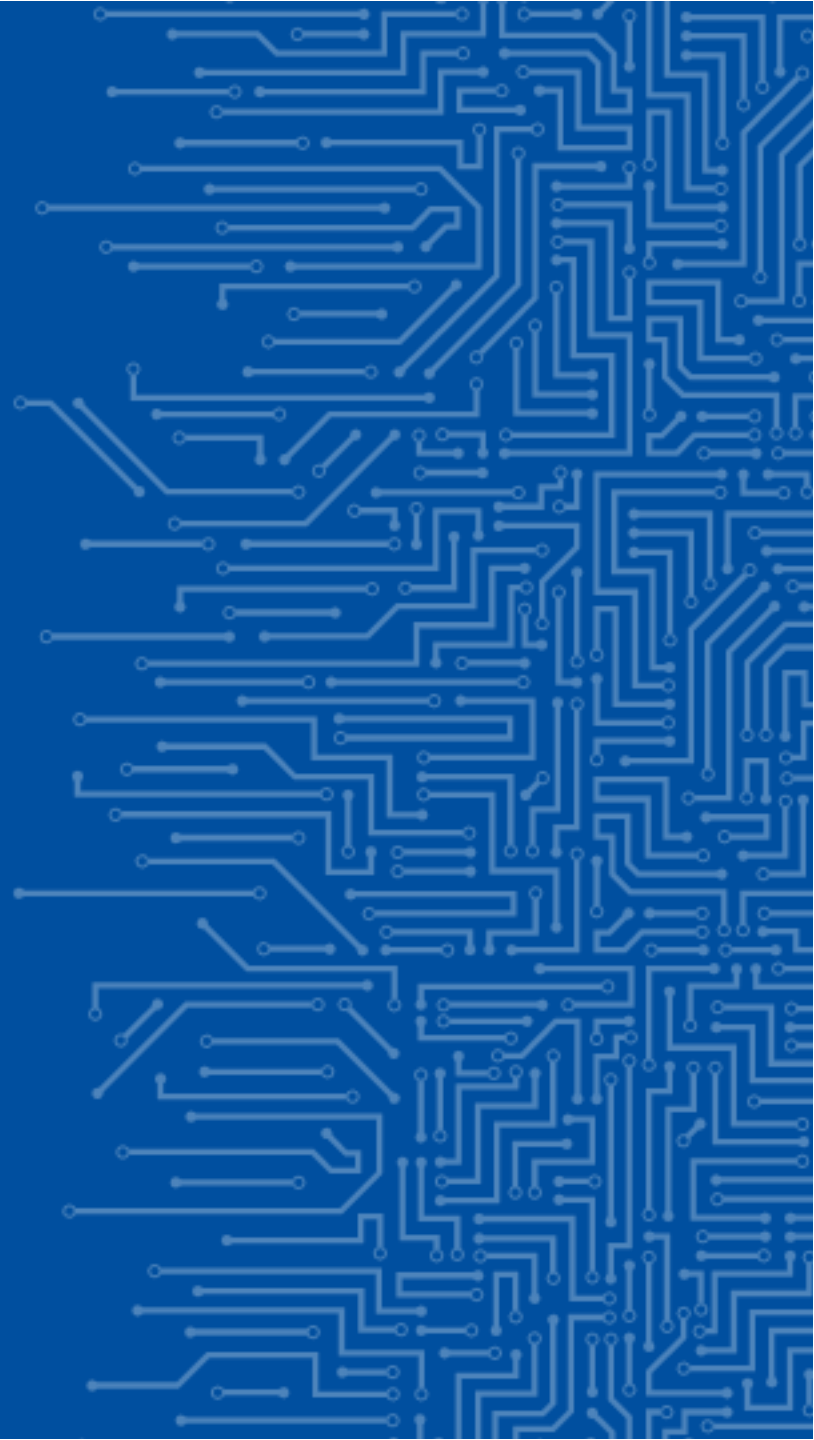
Standardisation Observatory – Quarterly reporting on cybersecurity standardisation activities

- Raise awareness on cybersecurity standardisation among stakeholders
- Create and maintain a list of Technical Committees of SDOs and private/industrial providers of technical specifications, relevant to cybersecurity
- Organise the information on the ongoing and planned standardisation activities in the area of cybersecurity
- Connect the information on the current status of legislation and related standardisation activities
- Inform about the publication on standardisation analysis/reports

Analysis of Risk Management & Supply Chain standards (CSA requirement)

- Support eIDAS2 implementation and standardisation activities
- Structure engagement with ESOs, SDOs and industry bodies – continuation

CYBER RESILIENCE ACT



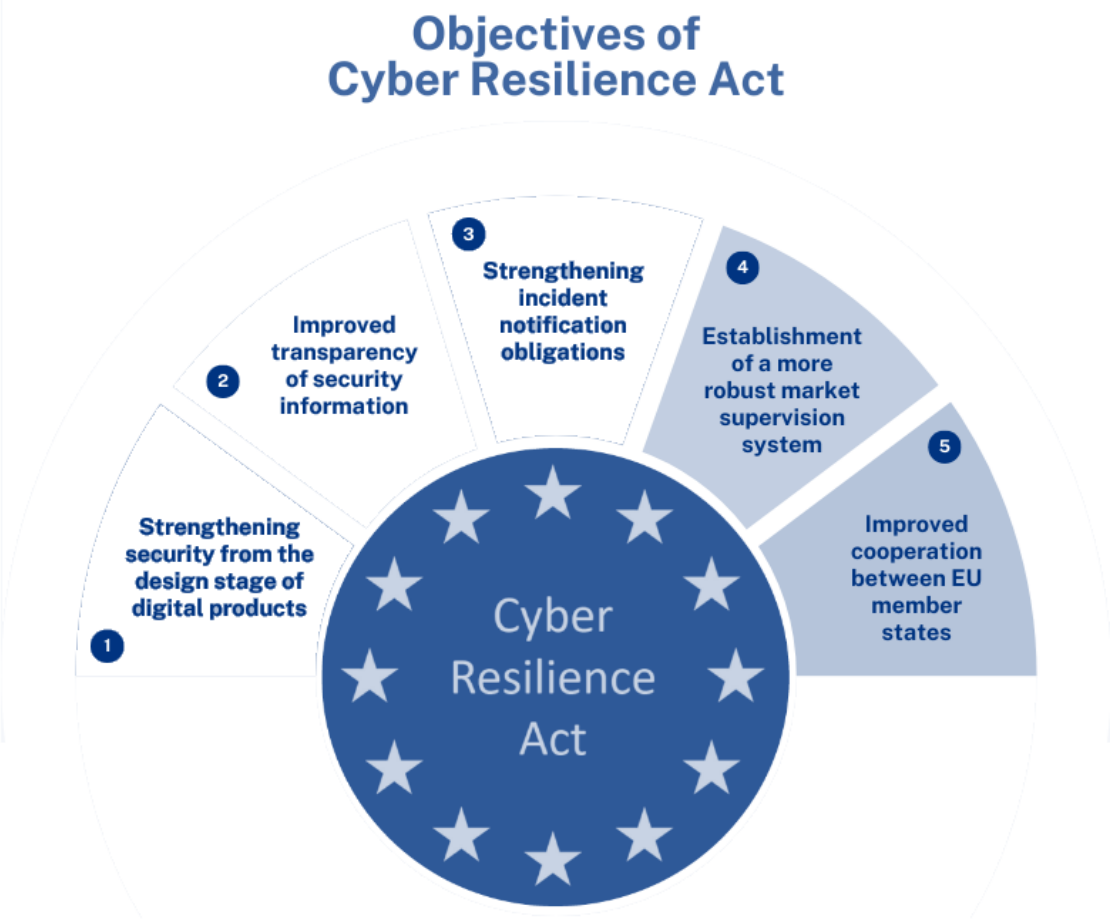
EU CRA: A TURNING POINT FOR PRODUCT SECURITY

Fundamental Shift in Responsibility & Approach

- Security Embedded by Design
- Manufacturers Now Accountable
- Full Lifecycle Commitment
- Transparency as Standard

Transforming the Digital Product Market

- Vast Scope Across Products
- One Rulebook for the EU
- Setting a Global Benchmark



PRODUCT CATEGORIES WITHIN CRA SCOPE

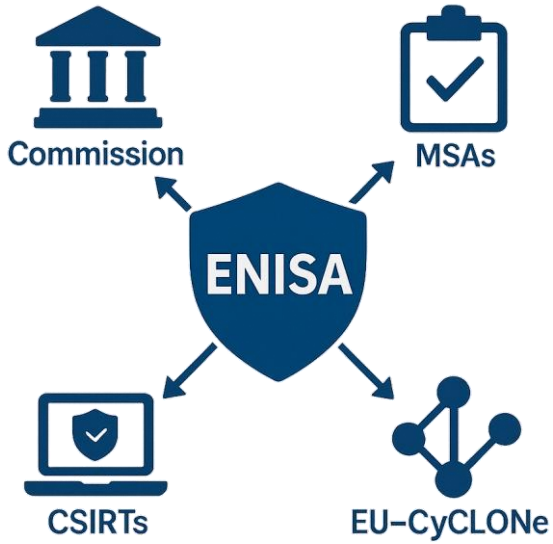
Default	Important Class I	Important Class II	Critical
← 90% of products within CRA scope →			
Self Assessment	Harmonized Standards	Third Part Assessment	EUCC
Examples: Smart Speakers, Hard Drives, Photo Editing Software, etc	**Examples:** Identity management systems, Password managers, OSs, PKI, etc	**Examples:** Hypervisors, Firewalls, intrusion detection and prevention systems, etc	**Examples:** Hardware Devices with Security Boxes, Smart Meters, Smart Cards etc

POWERING THE EU'S CRA

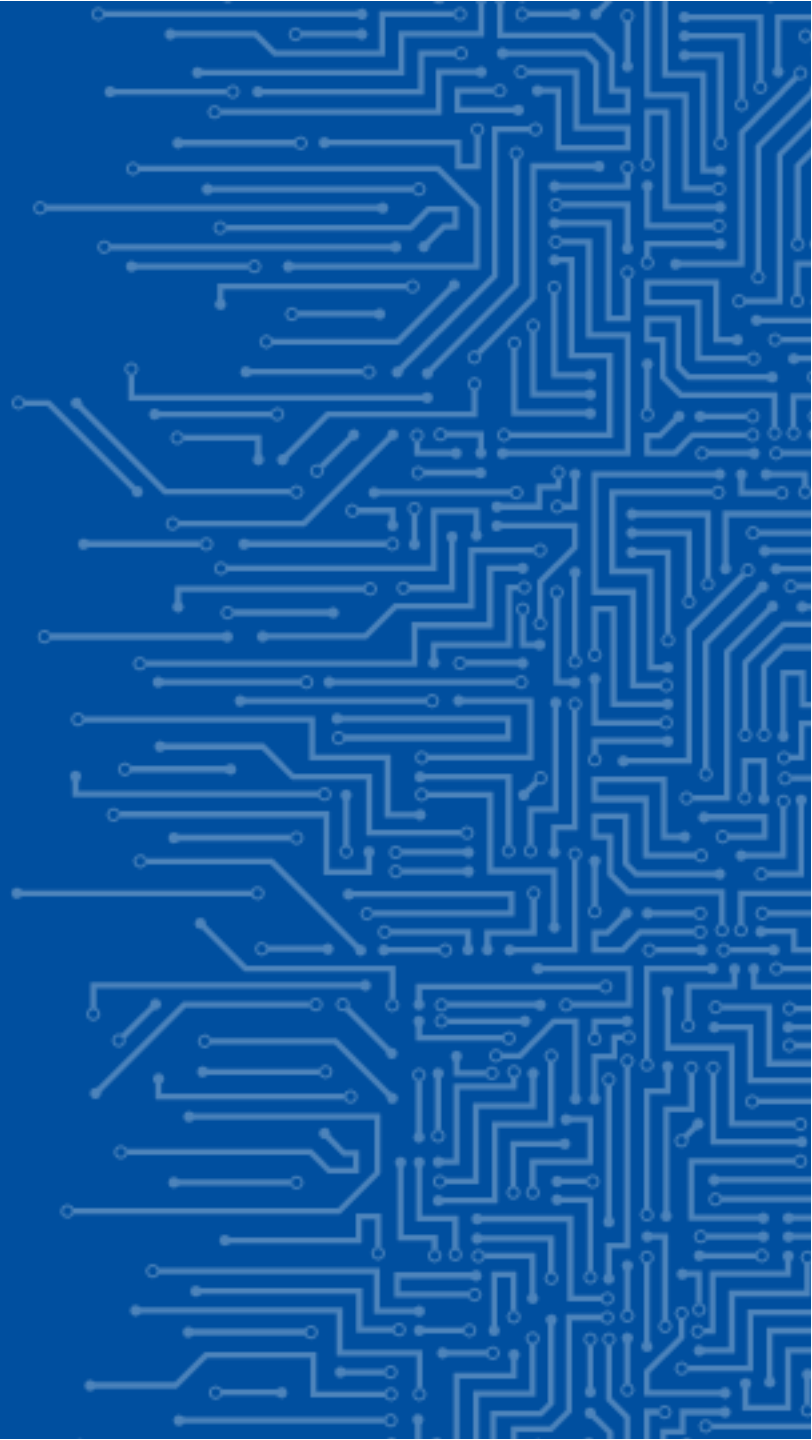
Goal: A safer, more trustworthy digital single market thanks to secure products.

Core Mission

- **Providing Expertise & Guidance**
- **Supporting Key Actors (Commission, MSAs, CSIRTs)**
- **Driving Harmonization (Standards & Certification)**
- **Enabling Effective Market Surveillance & Reporting**
- **Biennial technical report on emerging trends regarding cybersecurity risks**



OUR VISION FOR THE FUTURE




CAPACITY BUILDING
FORESIGHT
TRUSTED SOLUTIONS
EMPOWERING COMUNITIES
OPERATIONAL COOPERATION
KNOWLEDGE
CYBERSECURITY POLICY


Standards

THANK YOU FOR YOUR ATTENTION

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