



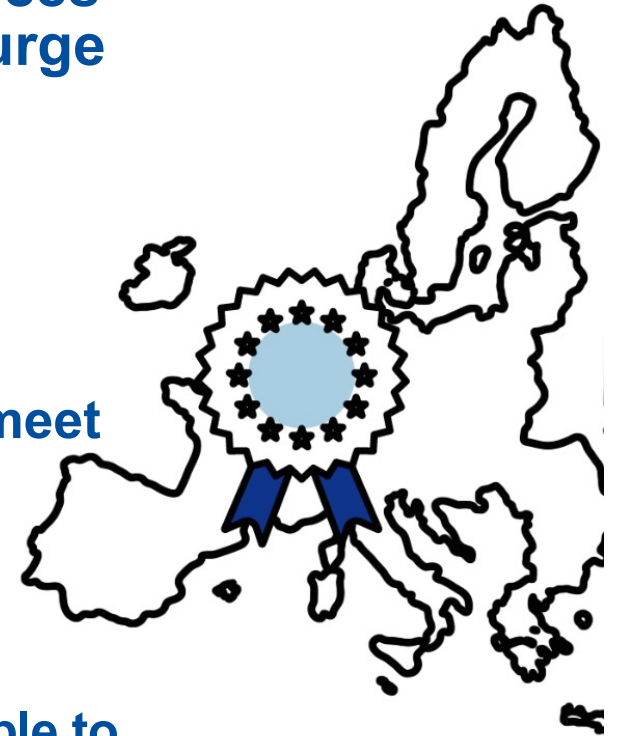
EUROPEAN UNION AGENCY  
FOR CYBERSECURITY

# UPDATE ON THE EUROPEAN CYBERSECURITY CERTIFICATION FRAMEWORK

Mr. drs. R.M. (Renate) Verheijen, Legal advisor on cybersecurity  
The European Union Agency for Cybersecurity (ENISA)

## Evolving Landscape on cybersecurity

- **Exponential growth of connected (AI based) products, services and processes in all aspects of our daily life = exponential urge to enhance cybersecurity**
- **Three sides of the coin: For effective cyber protection**
  - 1) organizations (public & private)
  - 2) their ICT products, ICT services and ICT processes need to meet cybersecurity requirements,
  - 3) citizens should be enabled to increase their cyber skills & resilience:
    - children and grownups deserve the right to digitally protect themselves understanding the digital risks they face and be able to take measures
- **The cybersecurity skills need to grow on these 3 dimensions**



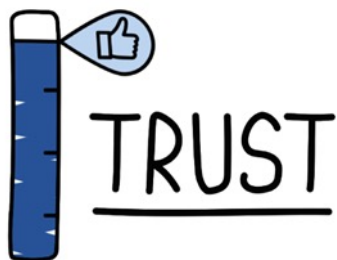
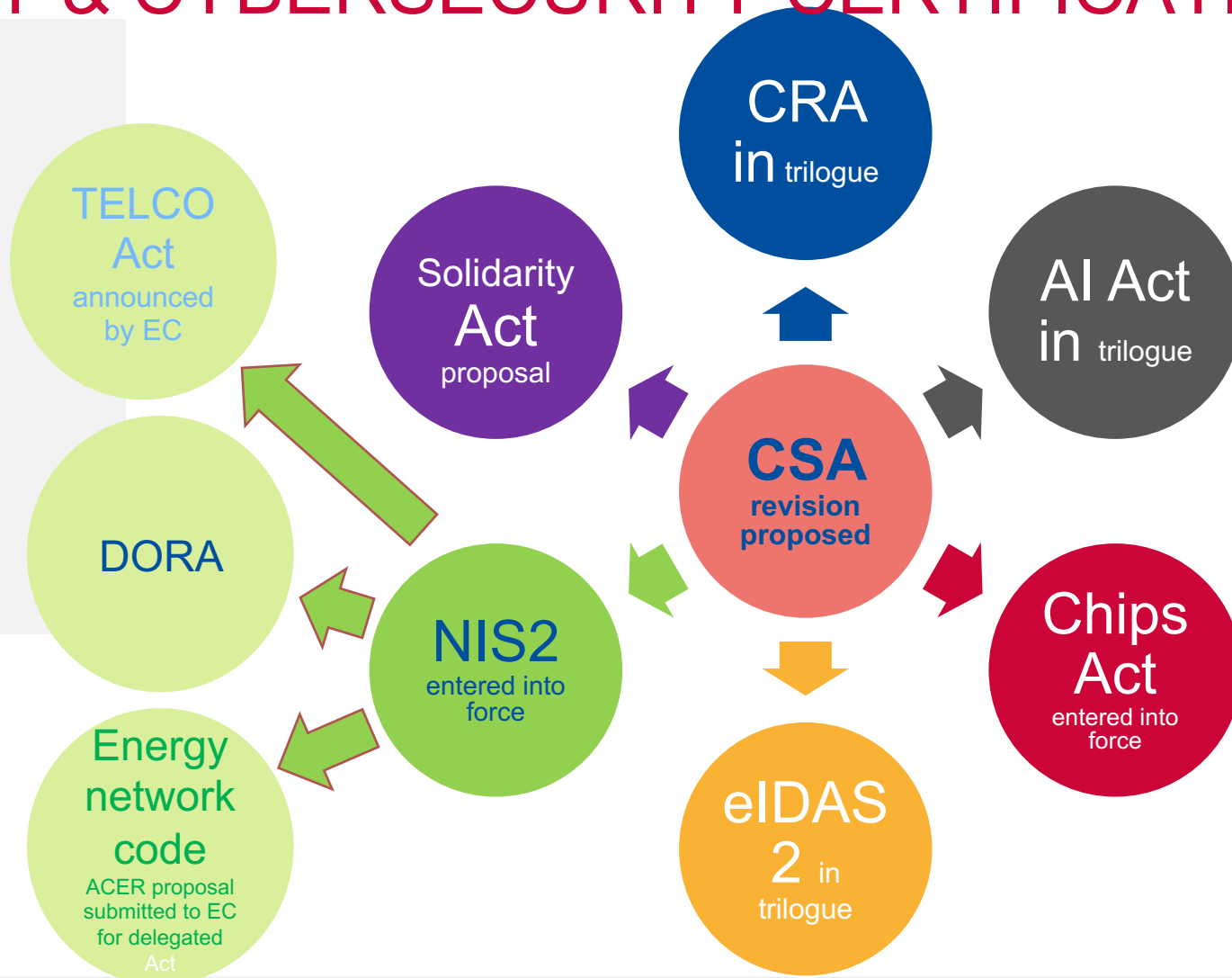


# EU CYBERSECURITY & EU LAWS



# EU CYBERSECURITY & CYBERSECURITY CERTIFICATION

Cybersecurity in  
different EU Laws  
& importance of  
demonstrating  
compliance



# Cyber Resilience Act (Products with digital elements) & AI Act

## ELEMENTS OF THE EU Cybersecurity Certification Framework

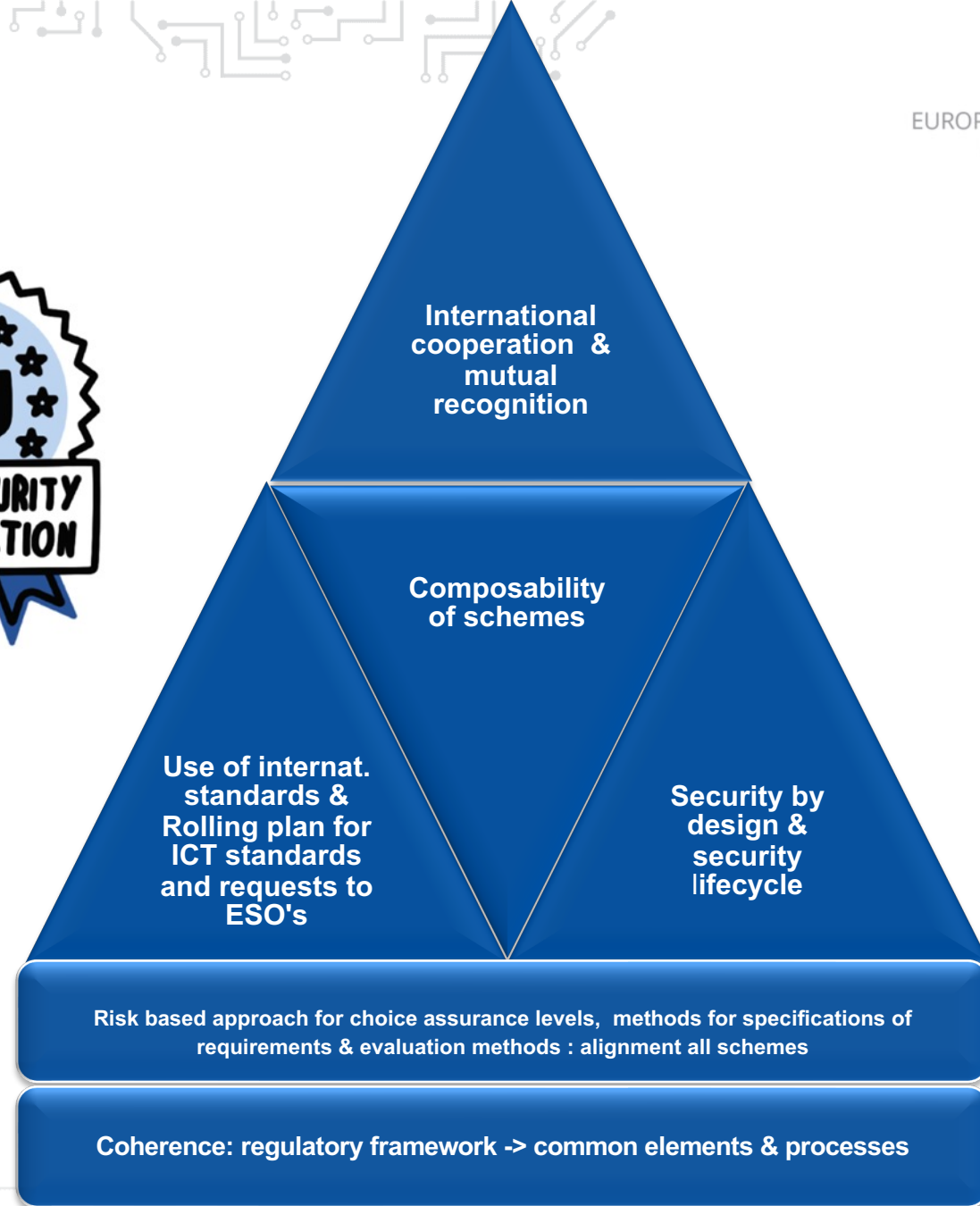
Scheme rules		EU CC	EU CS	EU 5G	URWP	URWP	URWP
Sector & Specific certification rules: NIS2, Chips Act, eIDAS2	Scheme Governance, (non-) compliance	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses
	Technical operation & management	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses
	Business model of certification & MRA	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses
	Scheme maintenance & review	Scheme clauses	Scheme clauses?	Scheme clauses	Scheme clauses	Scheme clauses	Scheme clauses

Scheme Principles & Composition rules for schemes

# SCHEME PRINCIPLES

**Strategic priorities  
for the design**

**Cybersecurity = A duty  
of continuous care**



# STATE OF PLAY – EUCC – ICT PRODUCTS



- **Implementing Act: preparations in final stage and is published on the Commission Website for public feedback Cybersecurity – security requirements for ICT product certification (europa.eu)**
- **Transition of SOG-IS MRA to EUCC:**
  - **Reuse of national supporting (SOG-IS) documents**
  - **Working groups to be included in scheme maintenance organization**
  - **Cryptography ECCG Subgroup established**
- **ENISA website dedicated to certification (first release here Cybersecurity Certification (europa.eu) ) and stakeholders' platform to provide guidance and gather the ecosystem**



# STATE OF PLAY – EUCS – CLOUD SERVICES

- **Candidate scheme under review for release to ECCG – for Opinion**
- **Discussions in ECCG with respect to EU digital sovereignty ongoing**
- **EUCC Implementing Act will be taken into account for draft EUCS IA**
- **CEN-CENELEC is making progress on the sets of security controls transferred to them by ENISA for transformation into Technical Specifications & maintenance**
- **Guidance development has started**





# STATE OF PLAY - EU5G NETWORK EQUIPMENT & PROCESS CERTIFICATION

The scheme developed in close collaboration with GSMA & relevant stakeholders is comprising of 3 different components:

**eUICC certification based on the EUCC scheme** including Protection Profile(s) to enable convergence with the eIDAS2/EU Digital Wallet

**EU5G Network equipment certification based upon the GSMA NESAS scheme**, taking into account the German national BSI CCS-GI NESAS implementation

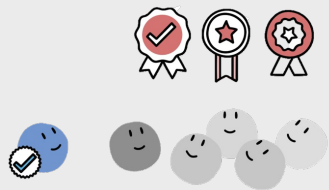
**The SAS certification based upon GSMA SAS (Security Accreditation Scheme) covering the processes on SIM provisioning and eUICC secure development**, re-using elements of EUCC & EUCS

- **Innovation & quality of the ICT product, ICT service or process - includes security by design & default (life cycle based approach)**
- **Performance of a risk assessment, use of tooling like CORAL; Tools — ENISA (europa.eu) & look into the responsibilities in supply chain & enhance cybersecurity in alignment with business growth model – R & D includes Cybersec.**
- **For low-medium risk products, services and processes, a self-assessment and/or using harmonized standards is a good way forward**
- **Build/ find a cybersecurity community:**
  - National level: cost efficiency- joint procurement of (cybersec) service providers- support in achieving national & EU funding, exchange of knowledge, incubator projects, Information Sharing & Analysis Center for SME's
  - EU level: consider to join: European DIGITAL SME Alliance

# THANK YOU FOR YOUR ATTENTION

Mr. drs. Renate Verheijen, Legal advisor on cybersecurity  
ENISA, the European Union Agency for Cybersecurity

**Website:** <https://certification.enisa.europa.eu/>



✉ [Renate.verheijen@enisa.europa.eu](mailto:Renate.verheijen@enisa.europa.eu)

ENISA Certification video  
playlist:

