



EUROPEAN UNION AGENCY  
FOR CYBERSECURITY

# Introduction to the METHODOLOGY FOR SECTORAL CYBERSECURITY ASSESSMENTS

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5<sup>th</sup> SCCG Meeting

17 | 09 | 2021



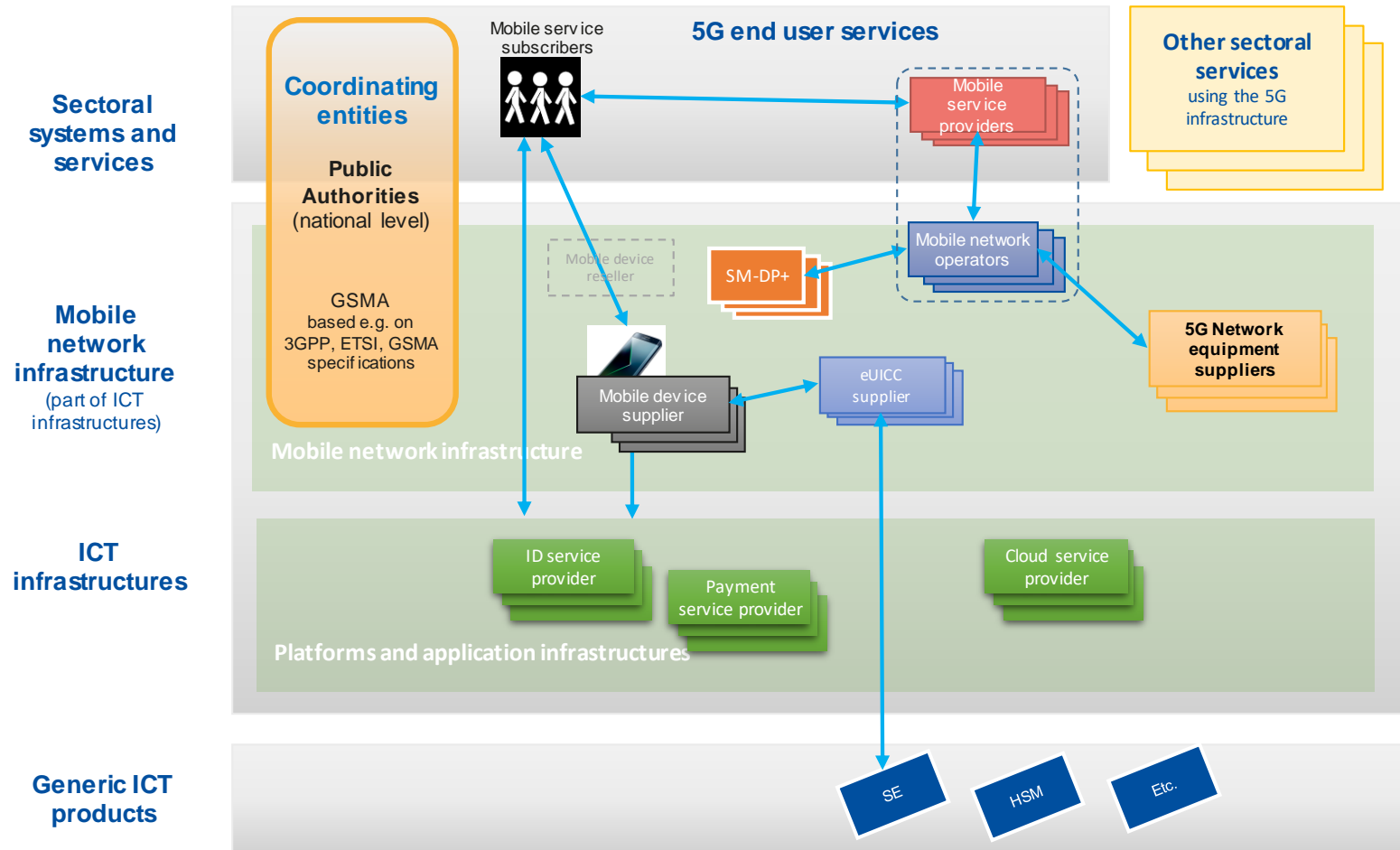
# SPECIFICS OF SECTORAL SYSTEMS

“**Sectoral system**” stands for market sector-specific service systems for Mobile connectivity, identity, mobility, eHealth, etc.

These come with **specific challenges for certification schemes and the implementation of ITC security:**

1. **Multiple stakeholders** in a potentially complex role play
2. **Complex system architecture** (system of systems, integration of products, infrastructures)
3. **How to ensure the required level of security and assurance at use case / business process level?**
4. **How to optimize effort and cost for ICT security architecture and certification ?**
5. **How to identify responsibilities in multi-stakeholder sectoral systems?**
6. **How to enable re-use of certification schemes and certified ICT products?**

# SECTORAL ARCHITECTURE LAYERS & STAKEHOLDERS (5G EXAMPLE)





# THE SOLUTION

**ENISA's**

## **Methodology for Sectoral Cybersecurity Assessments (SCSA Methodology)**

**supports answers to the mentioned questions ...**



# SCSA OVERVIEW

## In a nutshell:

Identification of security, assurance and certification requirements to ICT components and processes based on the risk of their intended use

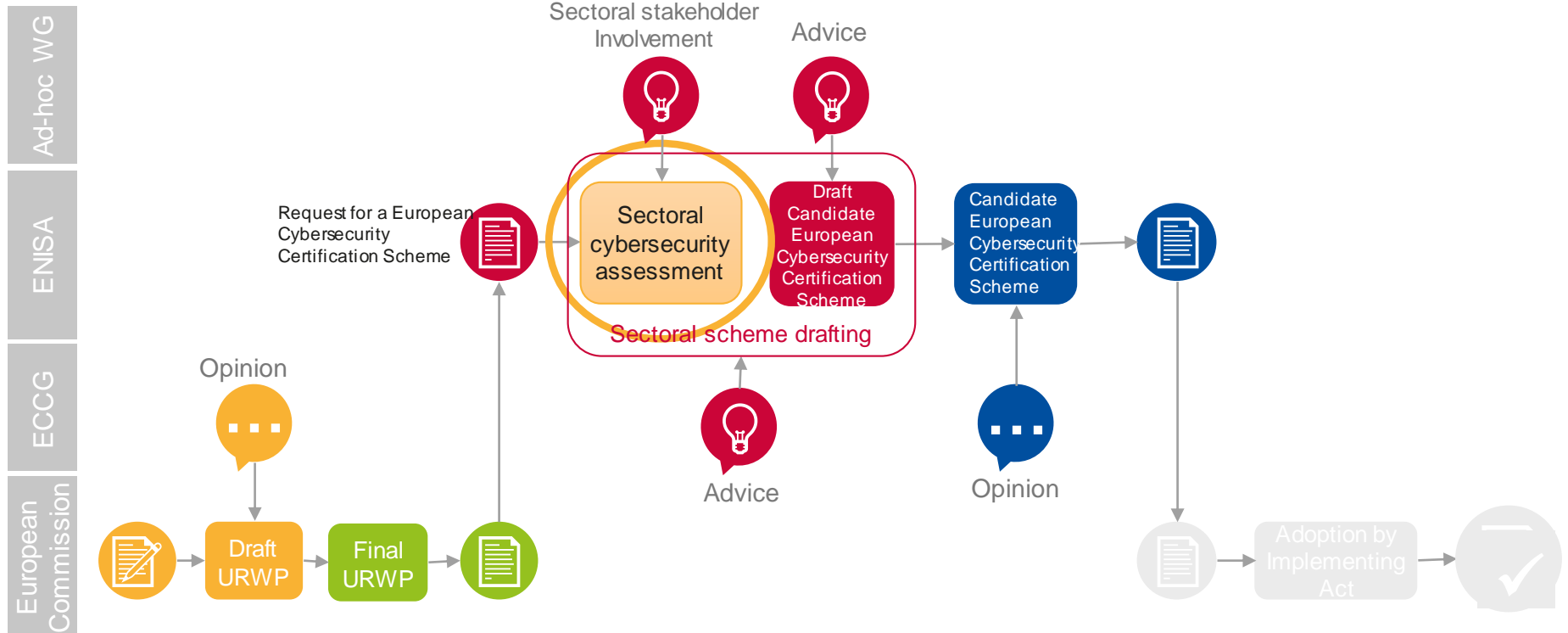
### supports

- balancing cost for security and certification with benefits of risk mitigation
- optimizing ICT security architecture and cybersecurity certification needs

### Methods and features:

- Identification of relevant business processes & objectives, rating of risks from risk owners / business perspective
- Consistent definition of risk, security and assurance levels
- Identification of relevant system components
- Consolidation of risk rating and security / assurance levels by CTI
- Based on ISO/IEC 27xxx and ISO/IEC 15408 standards, integration of existing ISMS, RM tools possible
- Etc.

# APPLICATION IN SCHEME DRAFTING



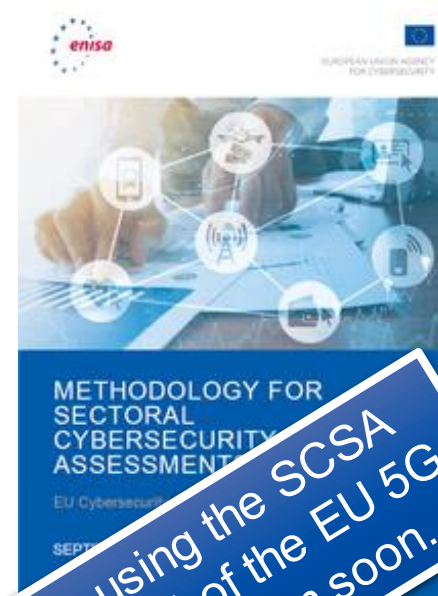
# ALL YOU NEED AND FOR FREE

ENISA's

## Methodology for Sectoral Cybersecurity Assessments

was published last Monday under:

<https://www.enisa.europa.eu/publications/methodology-for-a-sectoral-cybersecurity-assessment>



We look forward to using the SCSA Methodology in Phase 1 of the EU 5G candidate scheme program soon.