



EUROPEAN UNION AGENCY
FOR CYBERSECURITY

Strengthening Cybersecurity Skills: ECSF-Based Attestation of skills

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The European Cybersecurity Skills Framework

A structured taxonomy of cybersecurity roles



The ECSF provides an open tool to build

- ✓ a **common understanding** of the cybersecurity professional role profiles &
- ✓ **common mappings** with the appropriate skills and competences required.

The ECSF was designed to be

- ✓ Simple
- ✓ Flexible
- ✓ Open



Chief Information Security Officer (CISO)



Cyber Incident Responder



Cyber Legal, Policy and Compliance Officer



Cyber Threat Intelligence Specialist



Cybersecurity Architect



Cybersecurity Auditor



Cybersecurity Educator



Cybersecurity Implementer



Cybersecurity Researcher



Cybersecurity Risk Manager



Digital Forensics Investigator

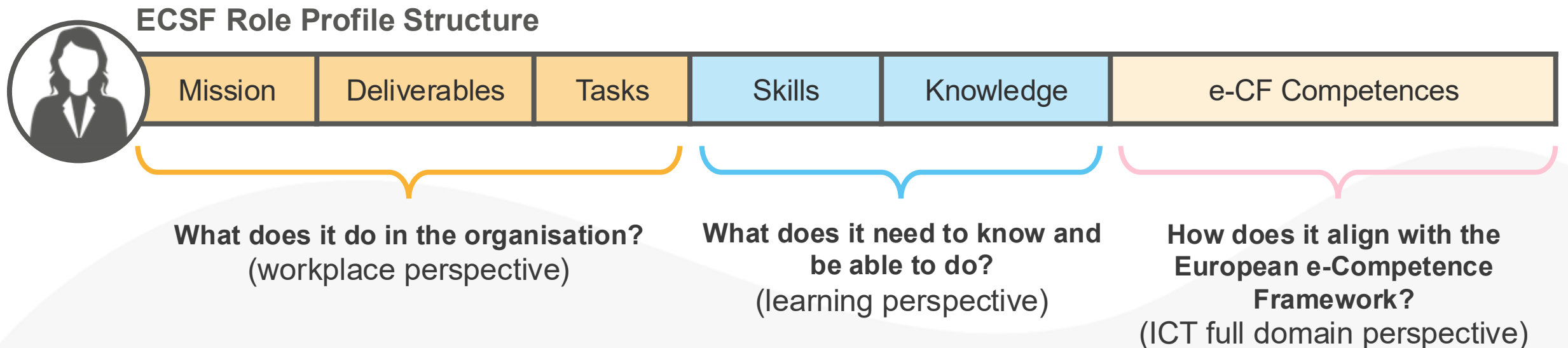


Penetration Tester



Bridging Market & Education

ECSF profiles are structured in a way that links education with the requirements of the job market.



ECSF Usage & Impact



18 EU Member States are using the ECSF

How ?

- National standard (few MSs)
- Cybersecurity training paths
- Public sector recruitment
- Workforce assessment taxonomy

Mapped with international certifications

CompTIA.



ISC2™

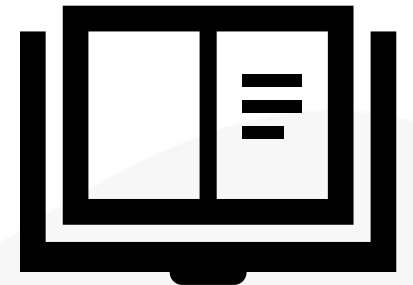


EC-Council
Building A Culture Of Security

New legislative proposal for an Eu Level attestation of skills

What is an attestation of skills

A voluntary mechanism to **validate the skills and experience acquired by individuals against a common set of criteria, defined at European level**, and implemented through authorised providers



Rational for having an attestation of skills

Trusted, comparable, and portable recognition of cybersecurity expertise across Member States, to support:

- Mobility of professionals across the union
- Deployment of experts in cross-border cyber operations
- **Public procurement of cybersecurity services**, ensuring that personnel delivering services meet **verified levels of competence, expertise, and experience**

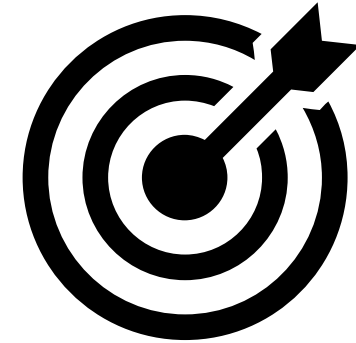
Pilot project for a European attestation scheme

The European Commission proposed to explore the establishment of a European attestation scheme for cybersecurity professional skills and mandated ENISA to run this pilot project

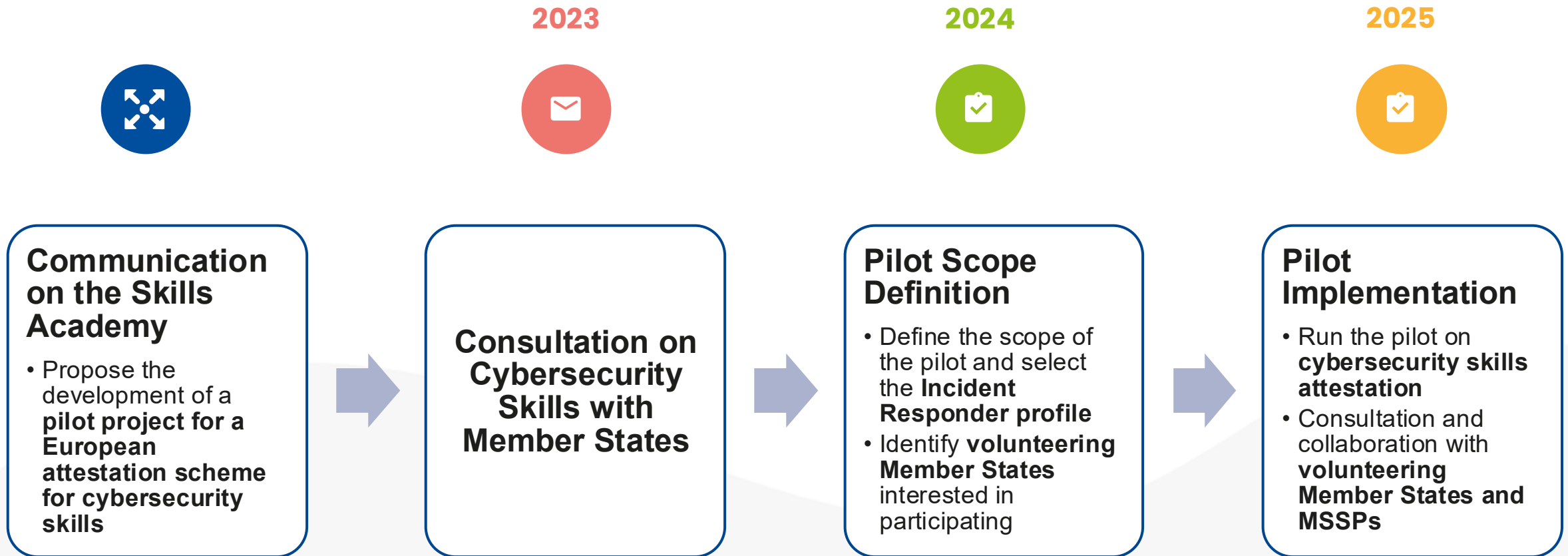
The profile in scope of this pilot is the Incident Responder

GOALS:

- Examine national practices
- Test feasibility
- Validate methodology
- Identify demand drivers



From inception to implementation



Feedback received during the pilot

Business value

EU-wide attestation perceived as beneficial for cross-border service provision and credibility.

Cost considerations

Existing certification budgets could support uptake.

Trust and market signaling

Attestation viewed as a potential trustmark enhancing professional recognition.

Skills development pathways

Need for progressive attestation supporting skills development.

Adoption drivers

EU-wide recognition; referencing in procurement and policy instruments; cost–benefit balance.

Market alignment

EU-level attestation seen as complementary to existing private schemes.



Thank you for your attention



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