



EUROPEAN UNION AGENCY  
FOR CYBERSECURITY

# IMPACT AND PROSPECT OF THE EUROPEAN CYBERSECURITY SKILLS FRAMEWORK



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21 | 09 | 2023

# AGENDA

- The Impact of the ECSF
- The Future of the ECSF



# ECSF JOURNEY



*Adopted by  
Member States*



*#ECSFtalks*



*Adopted by  
Organisations*



*NEW Ad Hoc  
Working Group*



*Trainings &  
Certifications*

# 1 YEAR HAS PASSED

CYBERSECURITY SKILLS

## BUILDING A CYBERSECURITY WORKFORCE

Athens, 20-21 September | Conference



*NEW Ad Hoc  
Working Group*



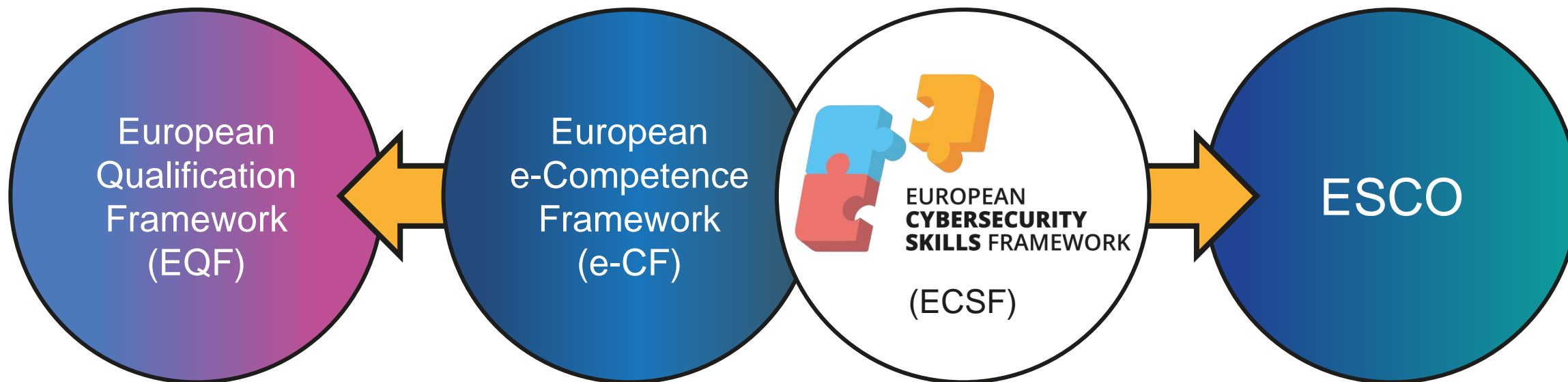
## TAKE A WALK ON THE **CISO SIDE**

EUROPEAN CYBERSECURITY SKILLS FRAMEWORK

Webinar | 30 March 2023  
11:00 - 12:30 CEST

#ECSF  
TALKS

# EUROPEAN FRAMEWORKS A UNIFIED APPROACH



# ECSF ADOPTED BY COMMUNITIES



National Authorities



European Bodies



Private Entities

# MAPPING WITH CYBERSECURITY CERTIFICATIONS AND TRAINING PROVIDERS

## Certifications



**EUROPEAN  
CYBERSECURITY  
SKILLS FRAMEWORK**



**Capacity Building**



# CYBERSECURITY HIGHER EDUCATION DATABASE (CYBERHEAD)

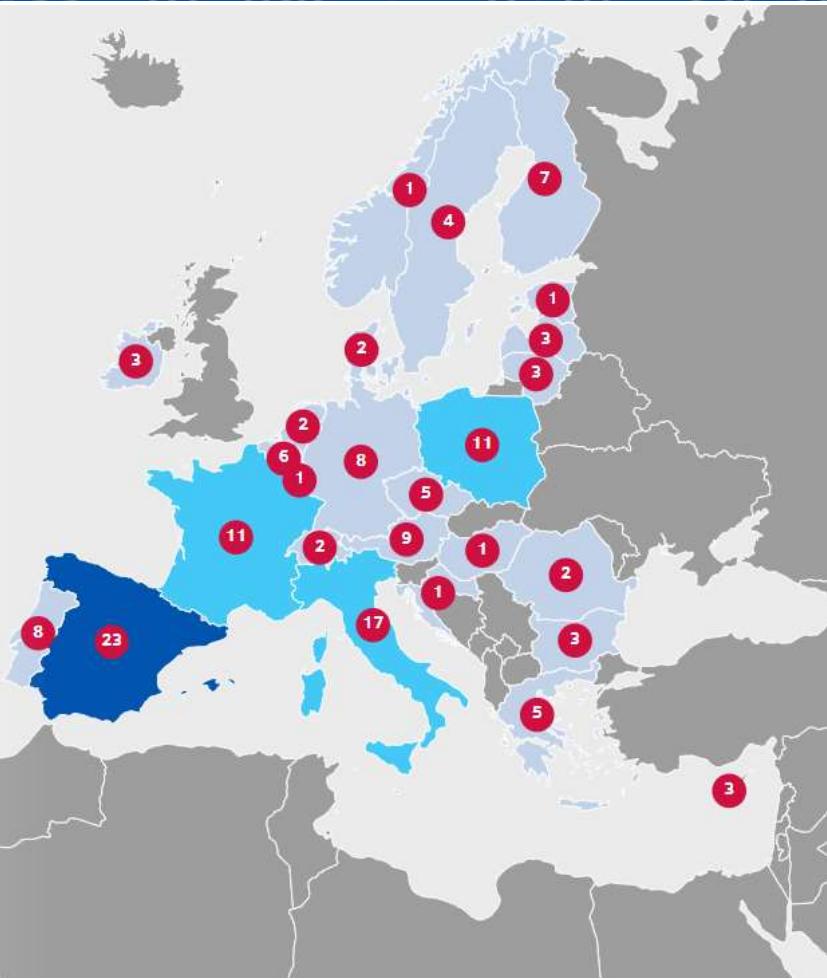


CYBERSECURITY  
HIGHER EDUCATION  
DATABASE



EUROPEAN  
**CYBERSECURITY**  
**SKILLS FRAMEWORK**

- Largest European repository of cybersecurity academic programmes
- 40%+ of the master's and postgraduate programmes are mapped to ECSF roles
- Help to bridge the gap between the professional workplace and learning environments





# THE ROLE OF CYBERSECURITY COMPETITIONS



- Cybersecurity competitions play a pivotal role in building skills
- European Cybersecurity Challenges align with the ECSF



**EUROPEAN  
CYBERSECURITY  
SKILLS FRAMEWORK**



# CYBER SKILLS ACADEMY

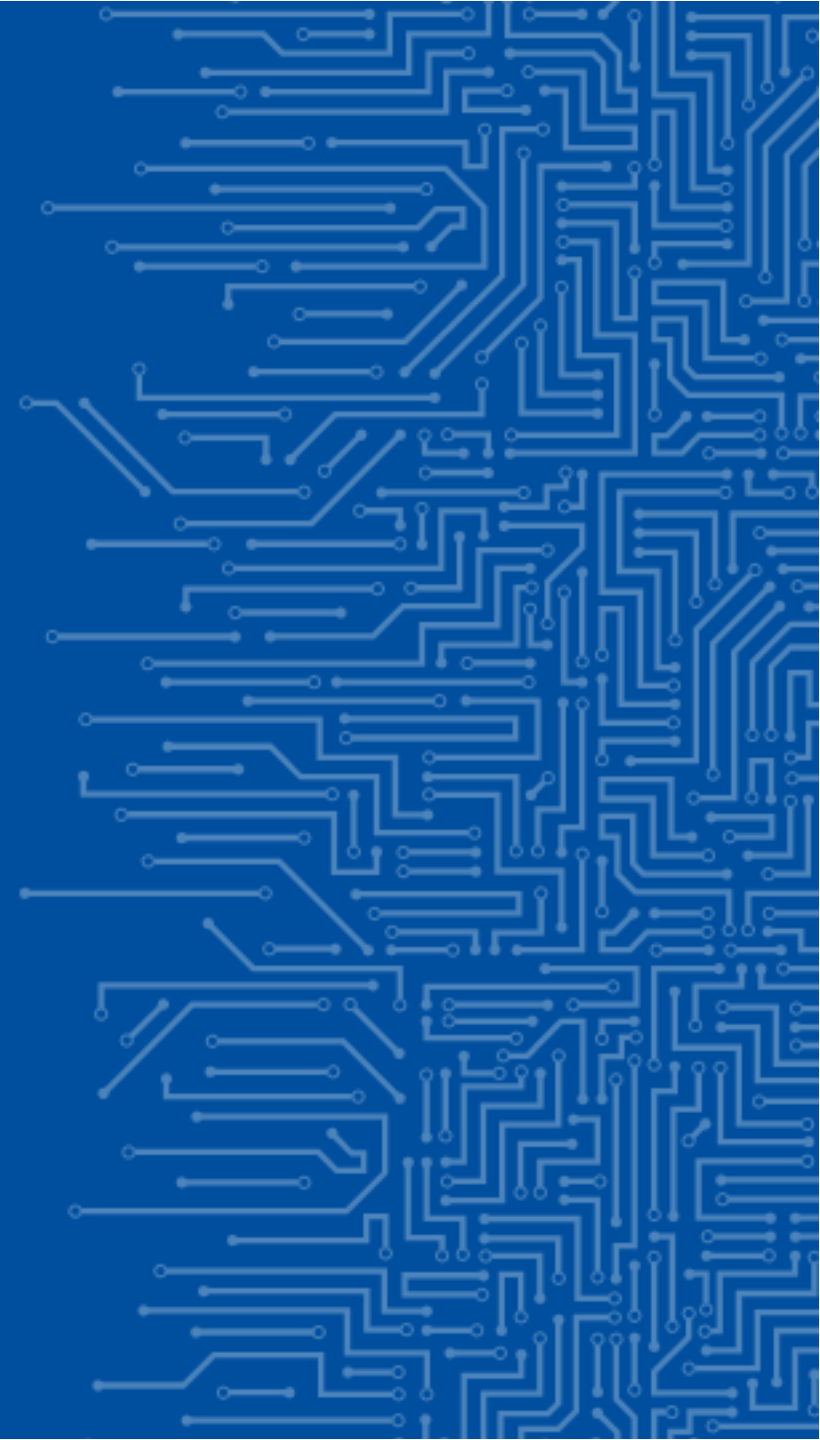
The **European Cybersecurity Skills Framework** is the EU reference point for professional skills and competences.

The ECSF is the basis for the Academy to

- define and assess relevant skills
- monitor the evolution of the skill gaps
- provide indications on the new needs.



FUTURE OF THE ECSF



# JOIN ENISA IN THE ECSF JOURNEY CALL UPON STAKEHOLDERS

Foster collaboration with the Ad-Hoc Working Group on ECSF to enhance cybersecurity skills understanding and development across Europe



CONNECT with ENISA to  
STRENGTHEN THE ECSF





# REVIEW PRINCIPLES



Listen to the **community feedback**. Review comments and suggestions.

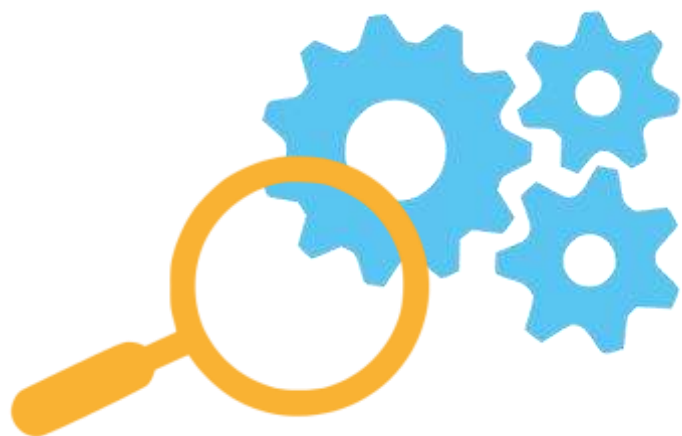
Maintain open and improve **consistency** across all the profiles and their components.

Address **European needs**.  
(e.g. Legal and regulatory requirements)

Welcome **plug-in documents and tools** from 3rd parties.  
(**topics of interest**: sector specific, academic curricula related, skills and knowledge related)

Retain the framework's **simplicity, usability and openness**

# OTHER ACTIVITIES RELATED TO THE ECSF



**Pilot of a European  
attestation scheme  
for cyber skills  
based on the ECSF**



**Develop an indicator to  
monitor the evolution of  
the workforce**



# THANK YOU FOR YOUR ATTENTION

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