

EUROPEAN CYBERSECURITY SKILLS FRAMEWORK (ECSF)

Using the ECSF to boost the cybersecurity
workforce

User Manual

Jutta Breyer // ENISA AHWG

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ECSF A TOOL FOR THE DISCIPLINE OF CYBERSECURITY IN EUROPE

*Cybersecurity core professionals, performing and ensuring the activities necessary to protect network and information systems, the users of such systems, and other persons affected by cyber threats.**



Can be used in:



- the organisation
- learning environment
- decision making

In order to:



- create cybersecurity culture
- set a shared European reference maturing the profession
- reduce the skills and workforce gap

USER MANUAL GOALS



Understand ECSF

- ECSF in short
- ECSF design principles
- ECSF a shared tool for the EU Cybersecurity Professional domain

- Provide practical guidance
- Explain different ways of usage
- Practical illustration in Use Case examples

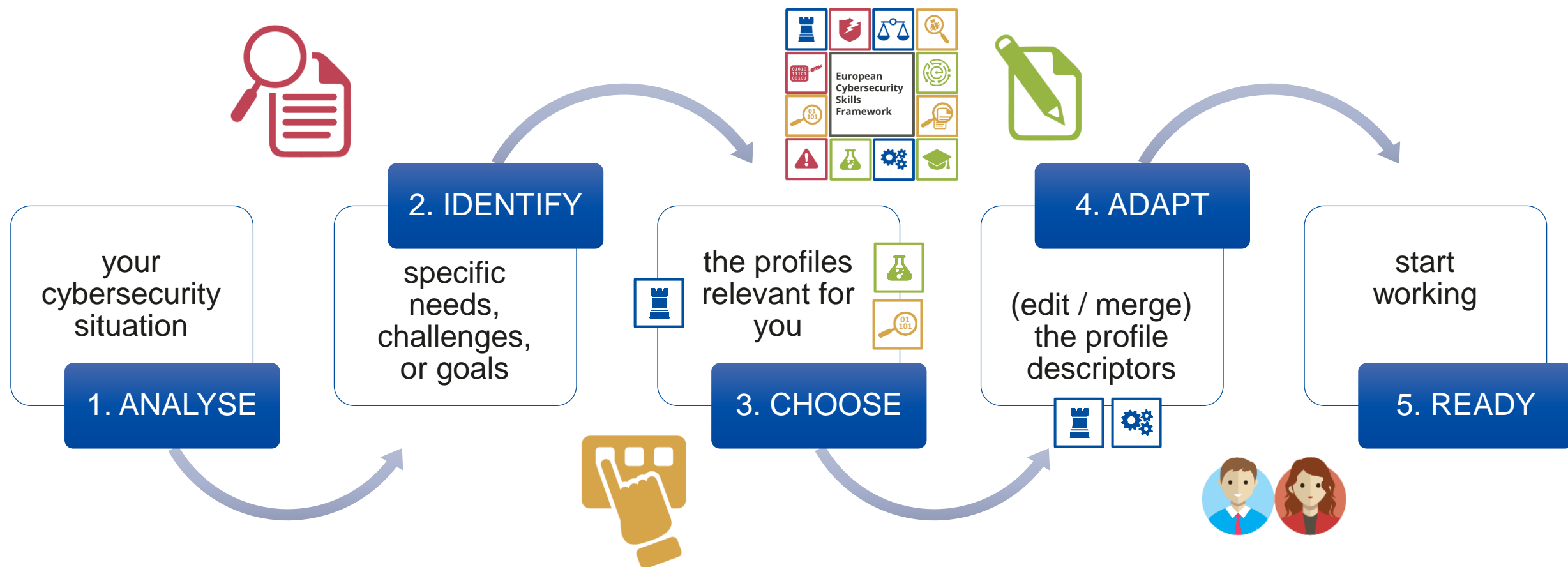
Apply ECSF



FIVE KEY USER PERSPECTIVES

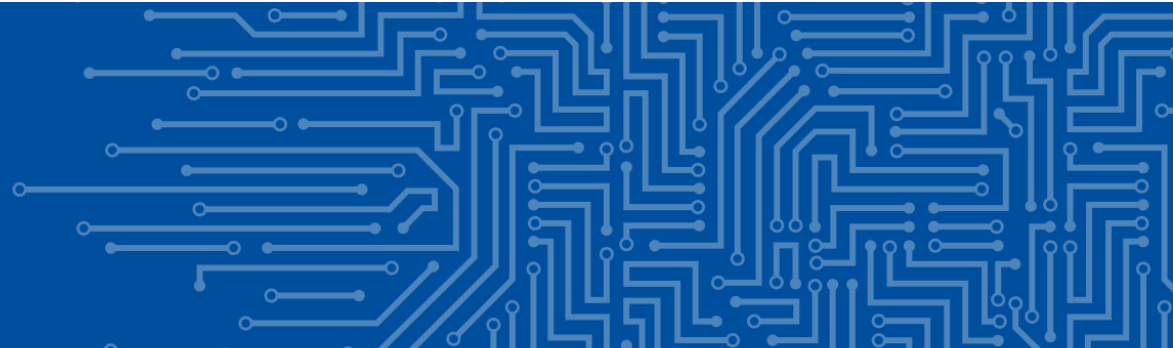


A BASIC FIVE STEPS GUIDE





IN THE ORGANISATION



Cyber

ECSF is useful to

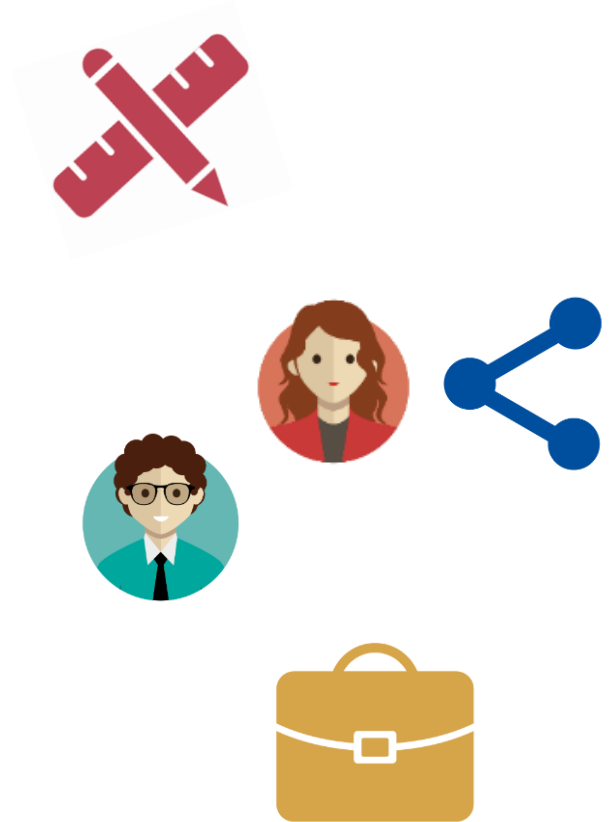
- specify jobs, role profiles, recruitment offers and needs and other types of specifications;
- identify and assess candidates;
- perform Cybersecurity roles and skills gap analysis and needs forecast at the individual, team or organisational level;
- define development and training plans at the individual, team or organisational level;
- use a common and realistic language for Cybersecurity tenders



IN THE LEARNING PROGRAMME PROVIDING INSTITUTION

ECSF helps to

- design learning programmes and curricula, re-design and maintain
- collaborate across institutions and enhance learning programme mobility, e.g. cross-European programmes for everyone
- promote learning offerings and raise awareness
- position learning outcomes in real workplace context
- perform assessment and recognition processes
- provide career orientation to students

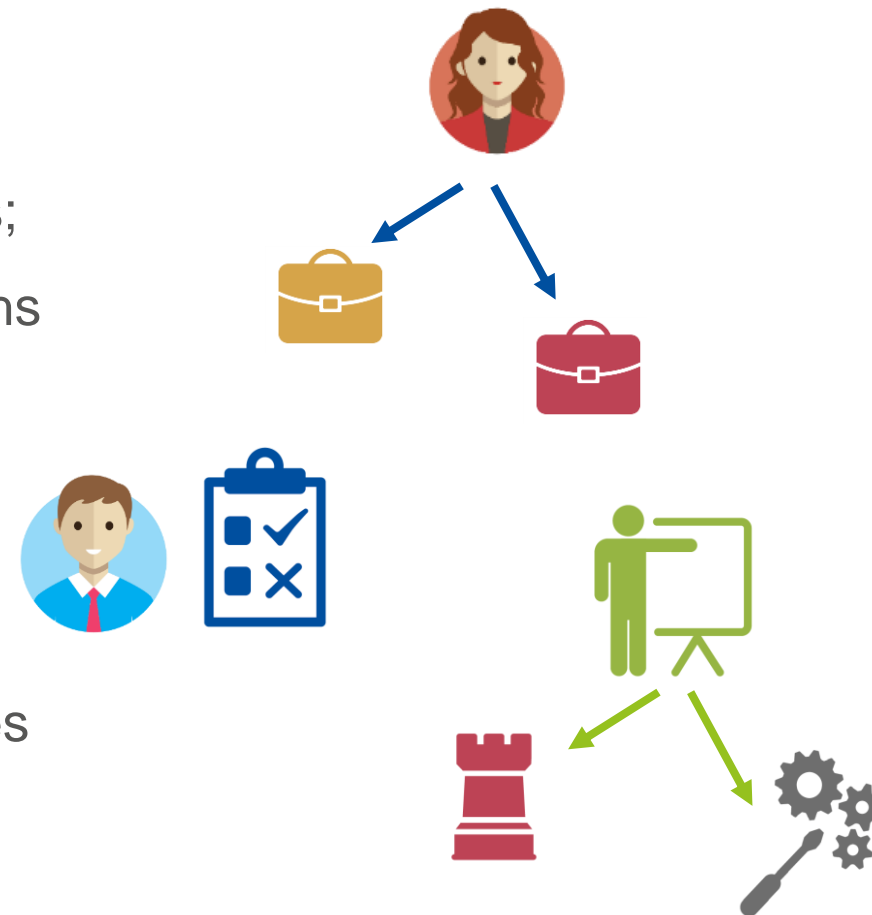




AT THE INDIVIDUAL PROFESSIONAL LEVEL

People get guidance to

- make professional career choices and position themselves;
- support individual life and learning perspective, career paths and professional development needs;
- understand Cybersecurity work requirements and expectations in more detail;
- identify formal and non-formal learning paths;
- get support in skilling from non-technical into technical roles and vice-versa





POLICY MAKERS AND LEGAL STAKEHOLDERS

Get a professional and easy accessible tool to:

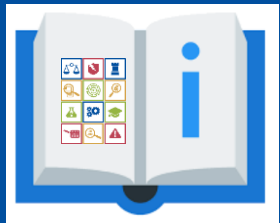
- better understand the Cybersecurity field;
- help stimulate priority planning and Cybersecurity capacity building for the future;
- understand the impact of Cybersecurity on meeting society needs



ECSF AS A STANDARD REFERENCE FOR ALL

- benefit from a common language for everyone and combined action;
- accelerate collaboration processes by having a common reference to start from;
- a shared reference to gather and present Cybersecurity professional needs related information at all levels, internal and external, at national, European and international levels





ECSF USER MANUAL

- an ENISA AdHocWorkGroup (AHWG) joined effort
- first draft currently under internal review
- step-wise drafting and development process
- creating best from AHWG multiple perspectives, experiences and expertise
- publication planned for September 2022.



Agamemnonos 14, Chalandri 15231
Attiki, Greece

 +111 123 456 789

 info@enisa.europa.eu

 www.enisa.europa.eu

