


CYRUS: Your path to better cybersecurity



Personalised, customised, work-based training framework for enhanced cybersecurity skills

What is CYRUS about?

The need for cybersecurity has grown over the last years because our society relies more on technology than in the past.

As a result, employees at all levels need to be aware and **capable of identifying cyber threats** to determine the right actions to **mitigate them**.

Since many hindrances prevent training staff effectively, CYRUS proposes a **novel training programme** to develop a cybersecurity innovation DNA.

CYRUS is an EU project dedicated to helping companies in **transport and manufacturing** to respond to and mitigate cybersecurity threats and attacks. The goal is to enhance employees' cyber-

security skills for better protection against cybersecurity attacks.

In this project, eleven partners from nine European countries collaborate to create a personalised training and work-based learning and training assessment methodology for cybersecurity.



What we want to achieve



Assess SME cyber posture

Field studies help understand SMEs' needs to tailor trainings



Develop novel training system

Training tools that are cost-effective, flexible and available on the job



Set new standards

Build a robust innovation DNA on cybersecurity in European organisations



Upskill staff

Boost cybersecurity competencies to better protect companies



Raise awareness

Foster a general increase in knowledge and cybersecurity awareness



Personalised training

Provide training solutions that are customised for different roles

CYRUS in numbers

3

years duration from January 2023 to December 2025

11

project partners with broad expertise

9

EU countries for an international approach

2

million Euro funding to enhance cybersecurity

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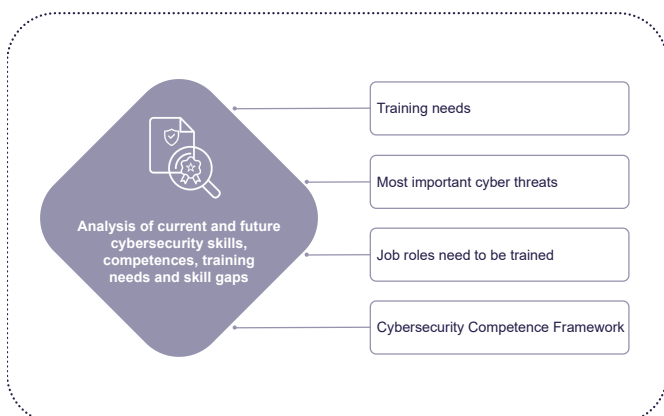
possibilities for improvements in safety

Concept and methodology: our three-step approach

To deliver a training framework for enhanced cybersecurity skills, we will adopt a **three-step approach**.

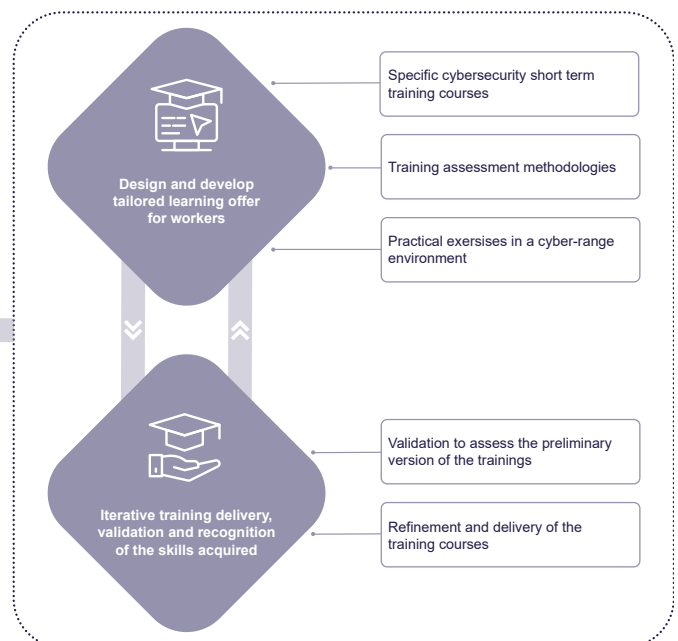
1) **Analysis:** In the first year of the project, we conducted a research on cyber **threat scenarios and workforce profiles** to understand key technological transformations and cyber risks that will affect the transportation and manufacturing sectors. Moreover, we mapped the required changes in key cybersecurity skills, knowledge and competencies and, on this basis, developed the **Cybersecurity Competence Framework**.

2) **Design and development:** We reviewed and selected **training methodologies** for training



delivery and iteratively designed the modules. The main training modules are implemented in a cyber range environment.

3) **Validation:** The short-term training courses are iteratively **validated and fine-tuned**, involving SMEs, professional associations and training providers to collect feedback. The pilot delivery enhances the **effectiveness of the final version** of the training, which will be delivered towards the end of the project.



Project partners



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