CYBER SECURITY SOLUTION PLATFORM PROJECT





Cyber Security Solutions Platform Project

















Started : **2020** Chair: C Houbion UIC/Infrabel

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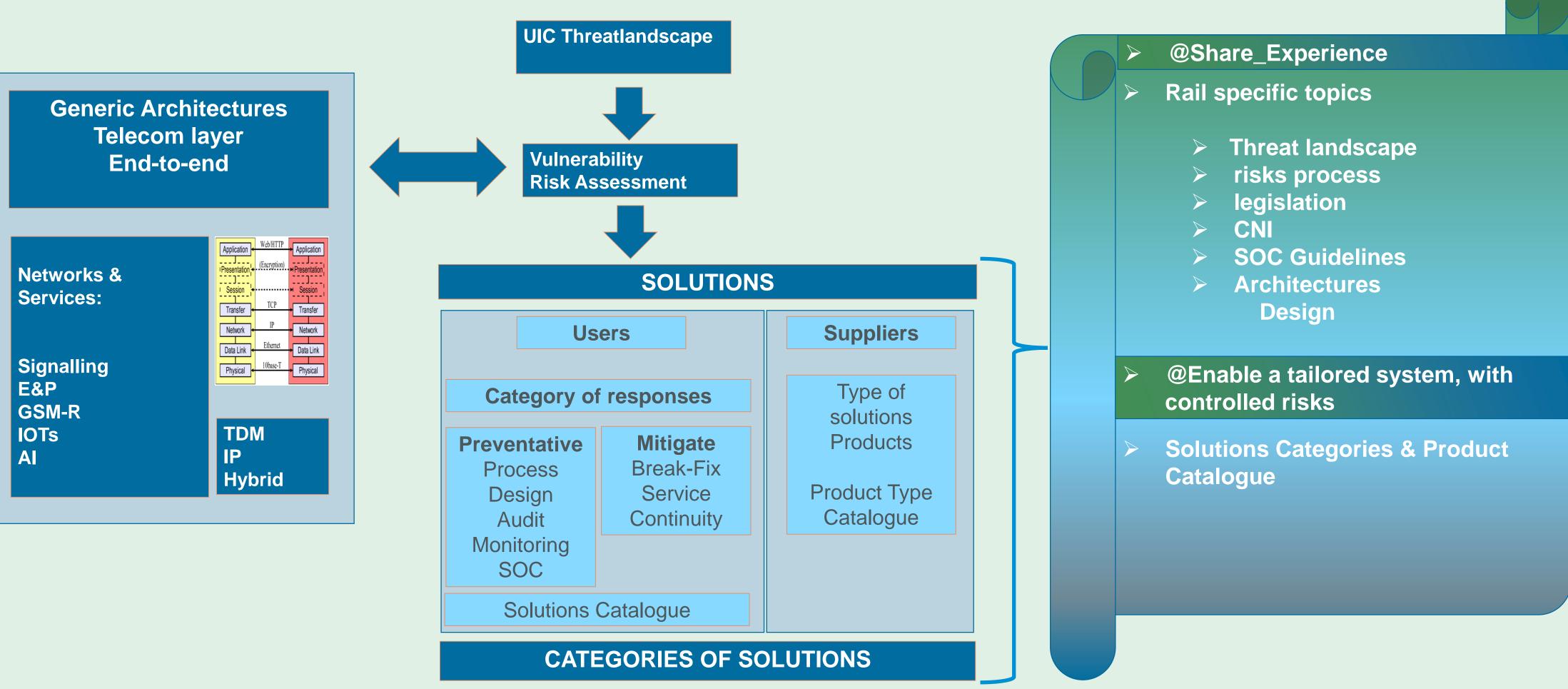
Core Team : **Catherine Houbion** Erwin van Beinum Marc Antoni Dan Mandoc







Cyber Security Solutions Platform Goal



Cyber Security Solutions Platform Project





Cyber Security Solutions Platform

Create an inventory of Railway sector specific > Risks > Vulnerabilities as regard Railway sector Trend Technology > Networks

Perform vulnerabilities & risks assessments > All networks & services > End to end

> Generic architectures



OUR SCOPE

Understand the Railway sector specific consequences of cyber incidents

- > Performance
- > Finances
- > Reputation Damage
- > Safety

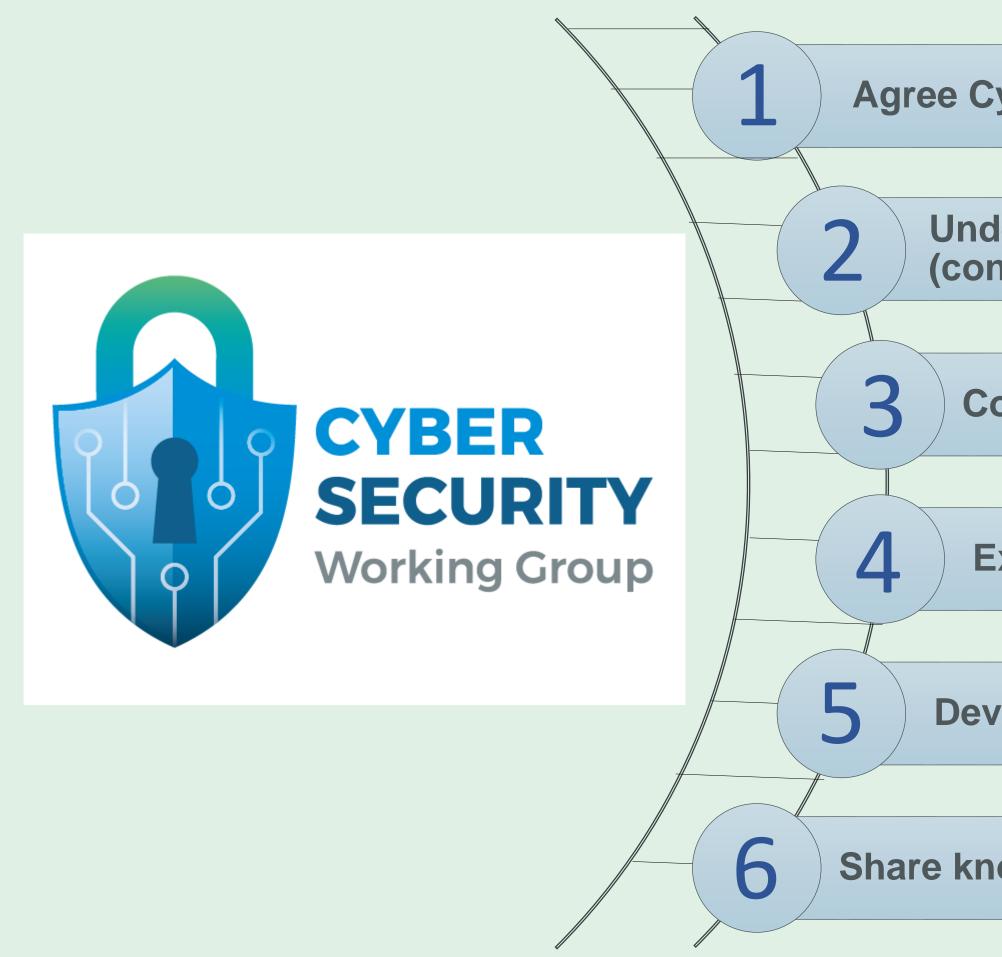


Create a catalog of Cyber Security solutions

> In a (ready to use) tool form > Solutions as opposed to risks mitigation



Cyber Security Solutions Platform Approach



A pragmatic approach

Agree Cybersecurity priorities in Railway Domain

Understand the cybersecurity projects and initiatives in EU (convergence and no duplication)

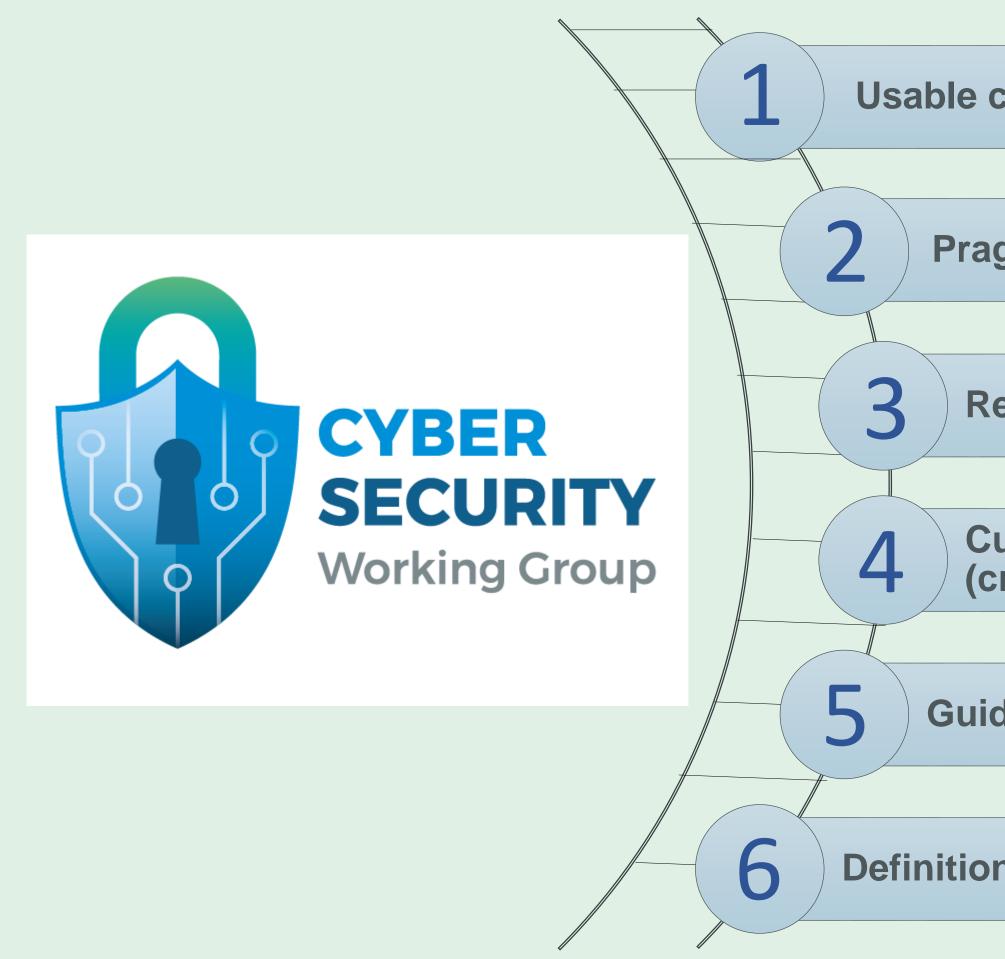
Compare Cyber Security assurance principles

Explore & evaluate what the market offers (supplier slot)

Develop a threat landscape approach

Share knowledge and experience on Railway Cybersecurity

Cyber Security Solutions Platform Deliverables



Pragmatic Long Term Plan (by 2025)

Usable catalog of solutions for rail cybersecurity

Pragmatic UIC Rail threat-landscape (snapshots)

Ready to use toolkits

Custom Security-by-Design solutions & products (criteria)

Guidelines for Rail threat-landscape usage

Definition of experienced assurance principles



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Thank you for your attention.

