# European Railway Information Sharing & Analysis Center (ER-ISAC)

## Synthetic Presentation

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# ER - ISAC

## What is it ?

The ER-ISAC is a non-profit organization that provides a central resource for gathering information on cyber threats as well as allowing a two-way sharing of information between the private and the public sector about root causes, incidents and threats, as well as sharing experience, knowledge and analysis.(*)

It is sponsored by UIC that helps providing the sustainability of the collectivity through membership.

The community is composed of experts from the Cybersecurity and Rail Industry.

The scope is focused on securing the technologies that supports our Railway through Cybersecurity practices.

*(*) Source : https://www.enisa.europa.eu/publications/information-sharing-and-analysis-center-isacs-cooperative-models*

# ER - ISAC

## Main Activities

*Through dedicated Working Groups / selected Groups of discussions, it is possible to collaborate without risks of competitions or collateral damage (Public procurement rules, Regulatory issues, Cybersecurity threats)*

Information Sharing :

Sharing information gathered from cross borders operational projects, Cybersecurity initiatives, Threats and vulnerabilities, Awareness and contribution (Promoting the work of ER-ISAC, collaborating with others ISAC's, contributing to international communities / Cybersecurity Rail conferences)

Analysis Center :

Providing and producing cybersecurity analysis, major topics addressed through specific WG (Cybersecurity Architecture, Minimum Cybersecurity Measures, Threat Landscape, NIS Directive, …), links with others ISAC's (Energy, Aviation, Finance, Maritime, Telecom, …) and agencies/bodies (ERA, ENISA, DG-Move, DG-Connect, …)

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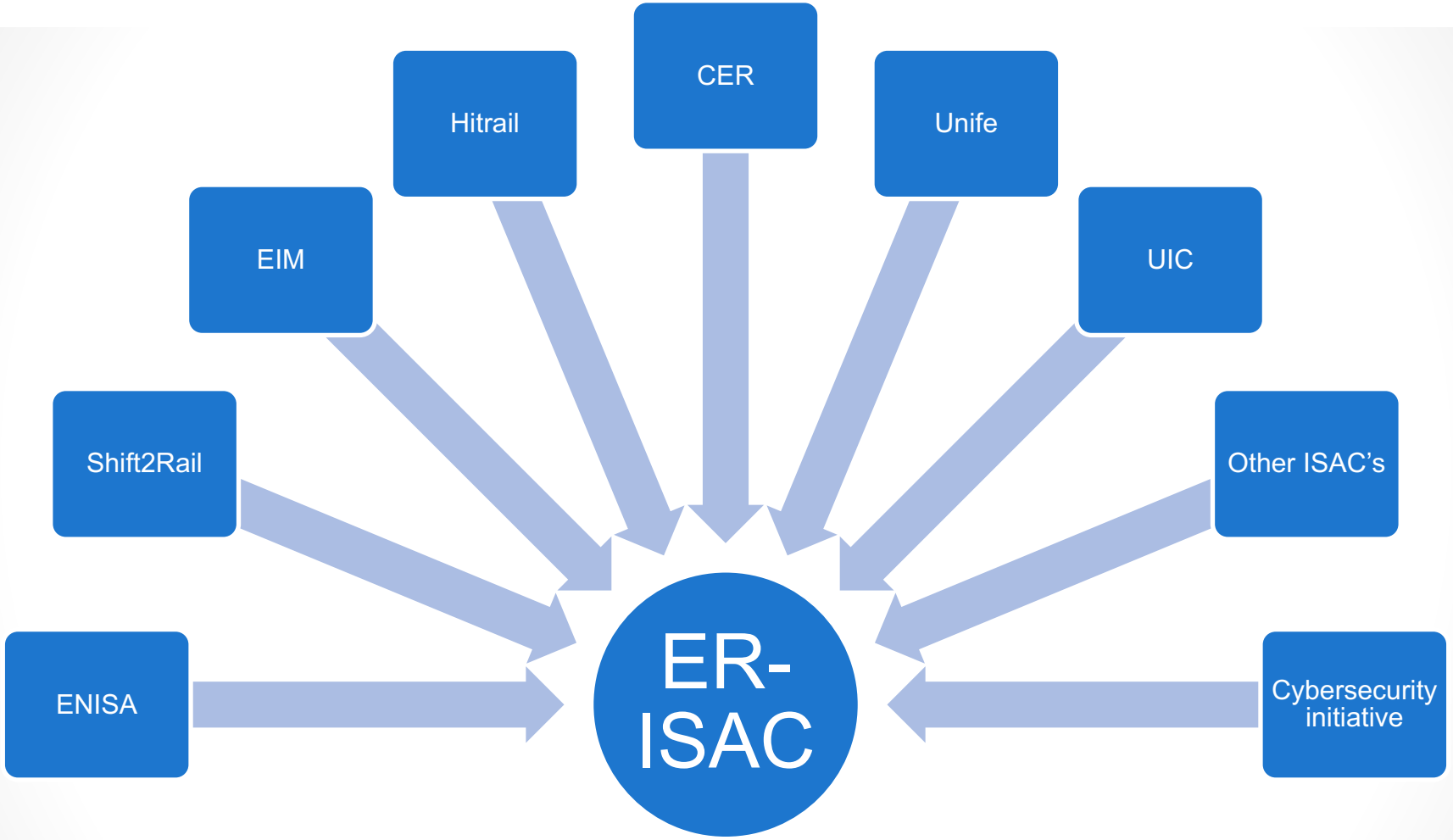
## Information Sharing




One voice in Europe for the cybersecurity in the Railway

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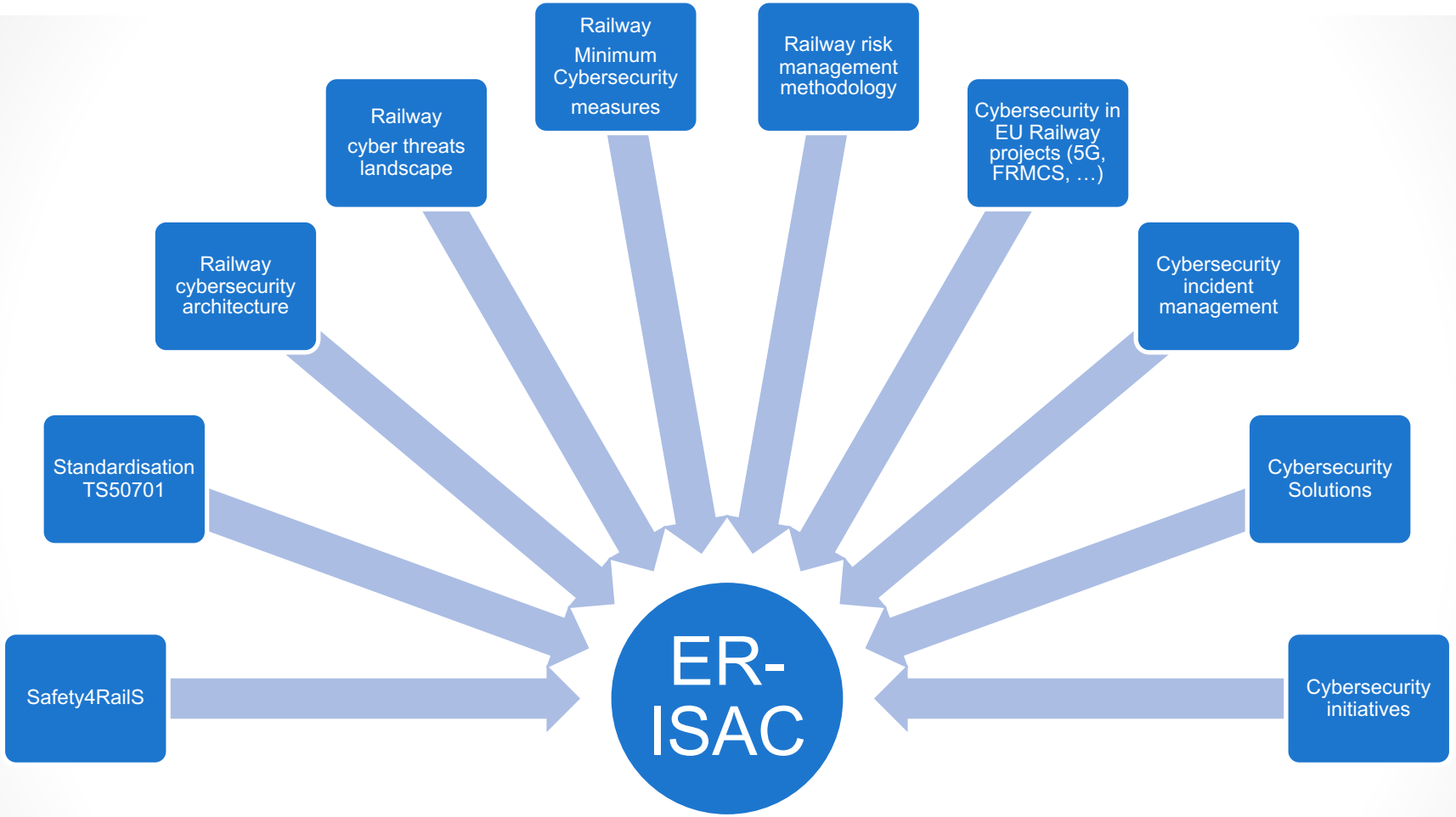
## Analysis Center




One playground in Europe for the cybersecurity in the Railway

# ER - ISAC

## Key principles of organisation

Roles :

- Chairman / Facilitator : General coordination and logistics, reporting, communication of ER-ISAC initiatives, promoting, connection with other organisations, …
- Co-Chair : General gouvernance
- Members : IMs and RUs from Europe
- Partners : Suppliers (Commercial organisations active in the rail sector), European or national bodies (Public Authorities, ER-ISAC or EU financed bodies), Research centres (universities, ..), Other ISACs

ER-ISAC hosted/sponsored by UIC as UIC-Project (start in Q2/2020) - Guarantee of independence

Funded by members and partners-suppliers

Two General Assemblies by year (with for each, one members-only session & one opened-session)

See « Term Of Reference » for more details

# ER - ISAC

## Members per Countries (March 2021)

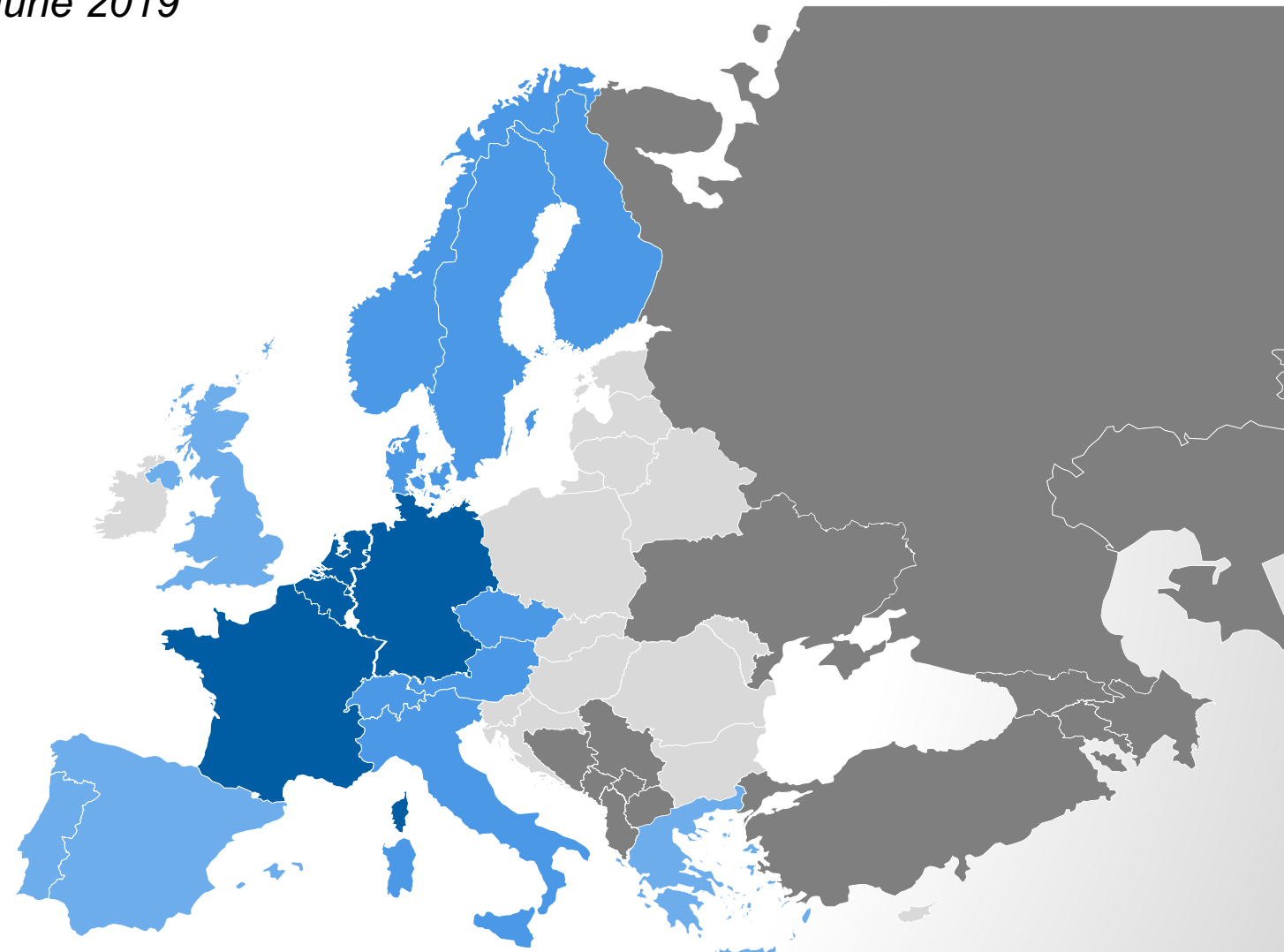
*49 organisations since foundation on 4th of June 2019*

**Co-Chair**
FR /DE /BE /NL

**Members**
/NO /DK /IT /CH /AT /CZ /LU
/ES /PT /GR /SE

**Members to be contacted**

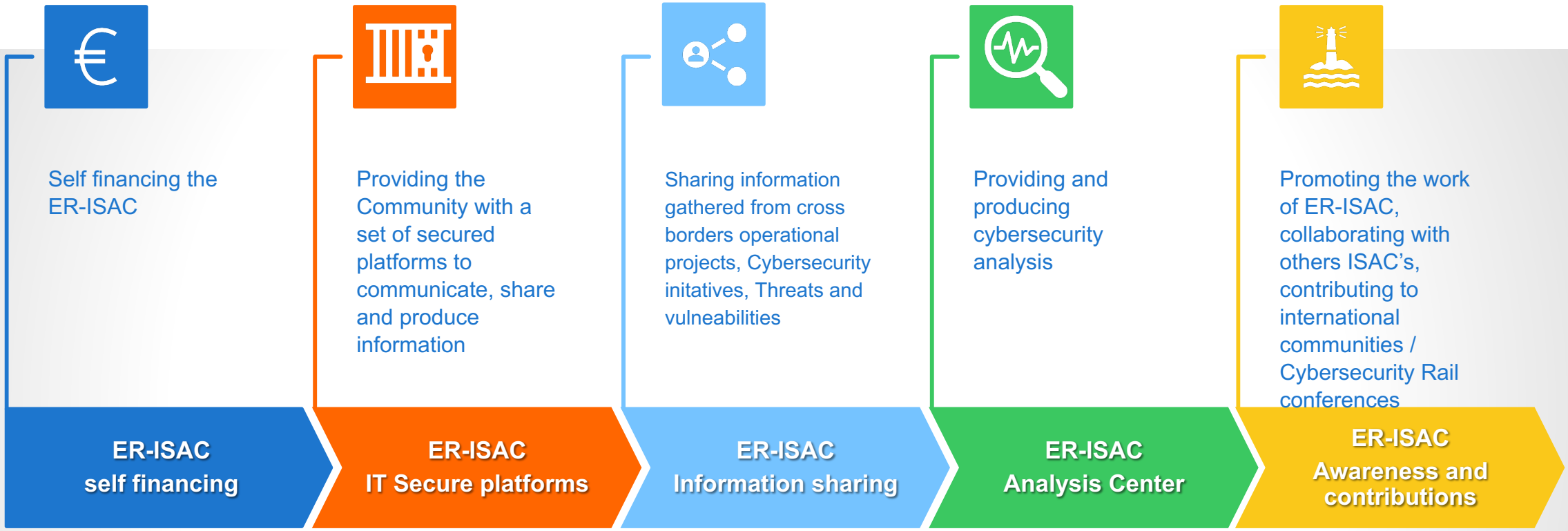
**Possible future partnership**



# Annexes

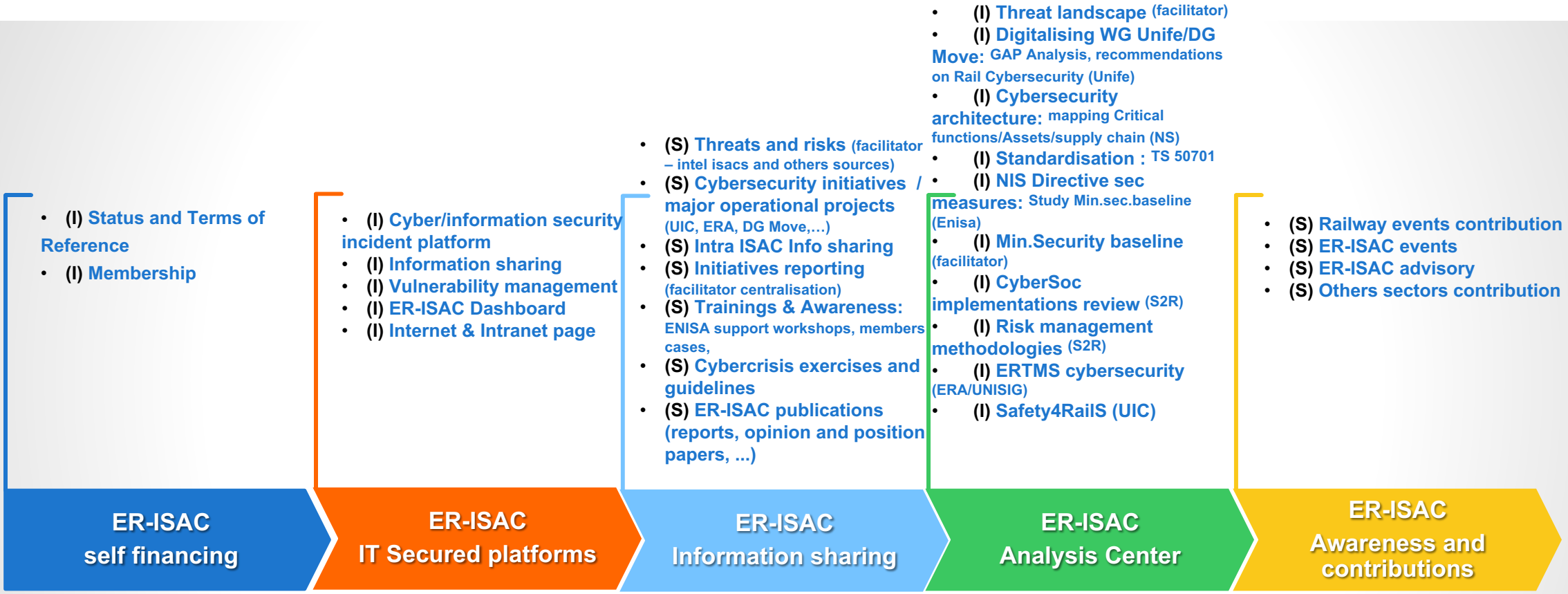
# ER - ISAC

## Services / initiatives Roadmap



# ER - ISAC

## Services / initiatives Roadmap *




| Legend | |
|---|---|
| (S) | Services |
| (I) | Initiatives |

** Subject to availability of resources*