



**The Swedish Node
for Accelerating
Innovation &
Research in
Cybersecurity**

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Agenda



- Background
- The goals
- Workplan
- Members today
- Competence database
- The web site
- Inauguration Dec 4, 2020
- Next step
- Invitation to SWITS

Three different Swedish actors in cybersecurity

The Cybersecurity Center

Coordinate capabilities that prevent, detect and manage cyber attacks

Increase the operational capacity of each authority

Strengthening the Swedish cyber defense

Organized by four Swedish authorities in cooperation

The Innovation Node



Accelerate research, development and innovation

Strengthening exports

Promote collaboration

Find and formulate research initiatives

Find and support funding opportunities

RISE Cyber Range

Test bed for training, testing and verification of products and services

Empowering public and private organisations for skills development

Attract international research cooperation

Background

2015 – Swedish government - *”Samverkansgrupp för uppkopplad industri och nya material”*:

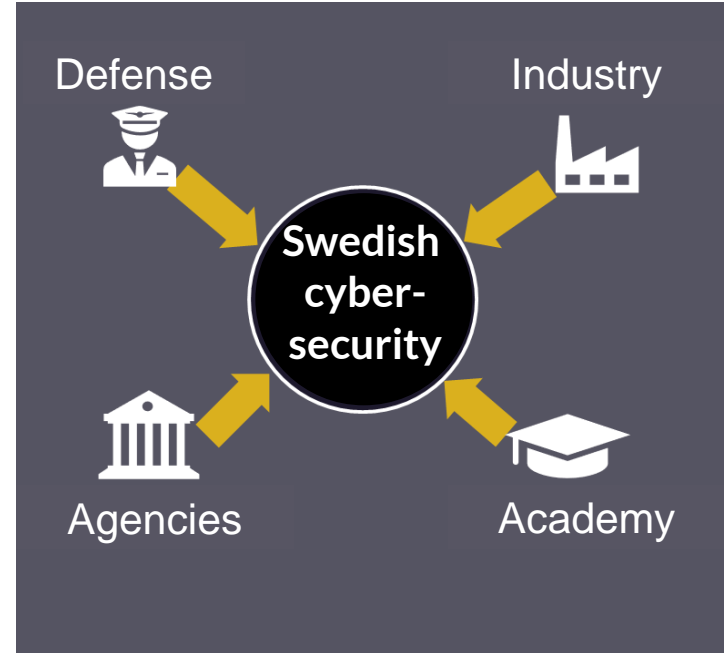
- Fragmented cybersecurity landscape
- Need for increased cooperation
- Difficult to coordinate cyber defense and innovation in the same organization



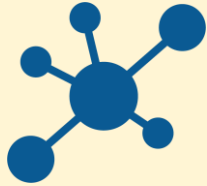
Resultat of the prestudy

We need:

- stronger collaboration between different actors
- a secure and creative collaboration platform
- stronger ability to apply for project funding through EU calls



The goals



Bring together industry, academia and the public sector in order to identify, initiate and conduct research and innovation activities in cybersecurity.

Create a favourable innovation climate for the Swedish cybersecurity industry.

Contribute to faster and more secure digitization in Swedish industry and among Swedish public actors.

Strengthen...

- Swedish competitiveness and exports in cybersecurity.
- Sweden's ability to win funds from the research programs within the EU.

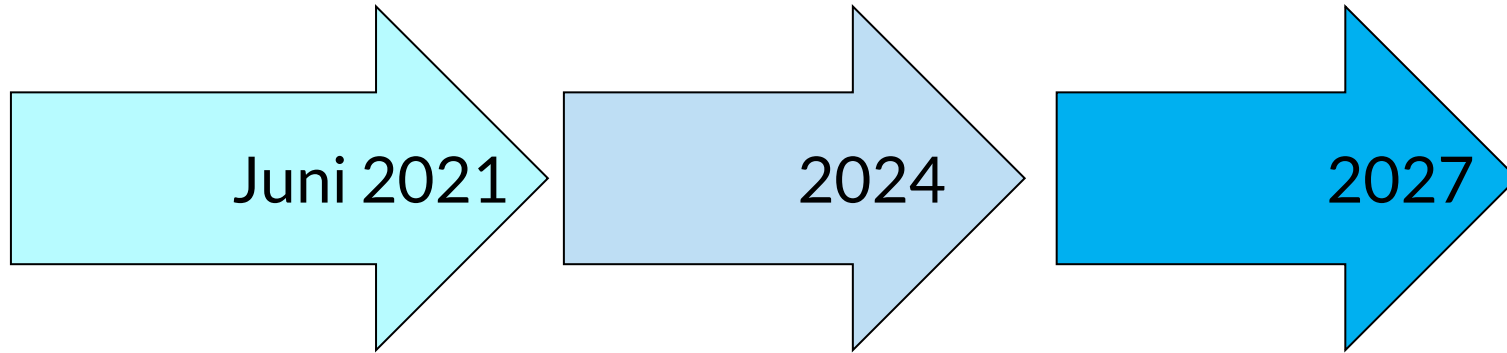


Target groups

- Swedish cybersecurity industry
- Swedish public sector
- Swedish Trade and industry
 - Big industrial companies
 - SMEs
- Interest groups
- Investors



Three phases




- Operated by RISE
- “Owned by the stakeholders”



2,5 MSEK/year
from Vinnova

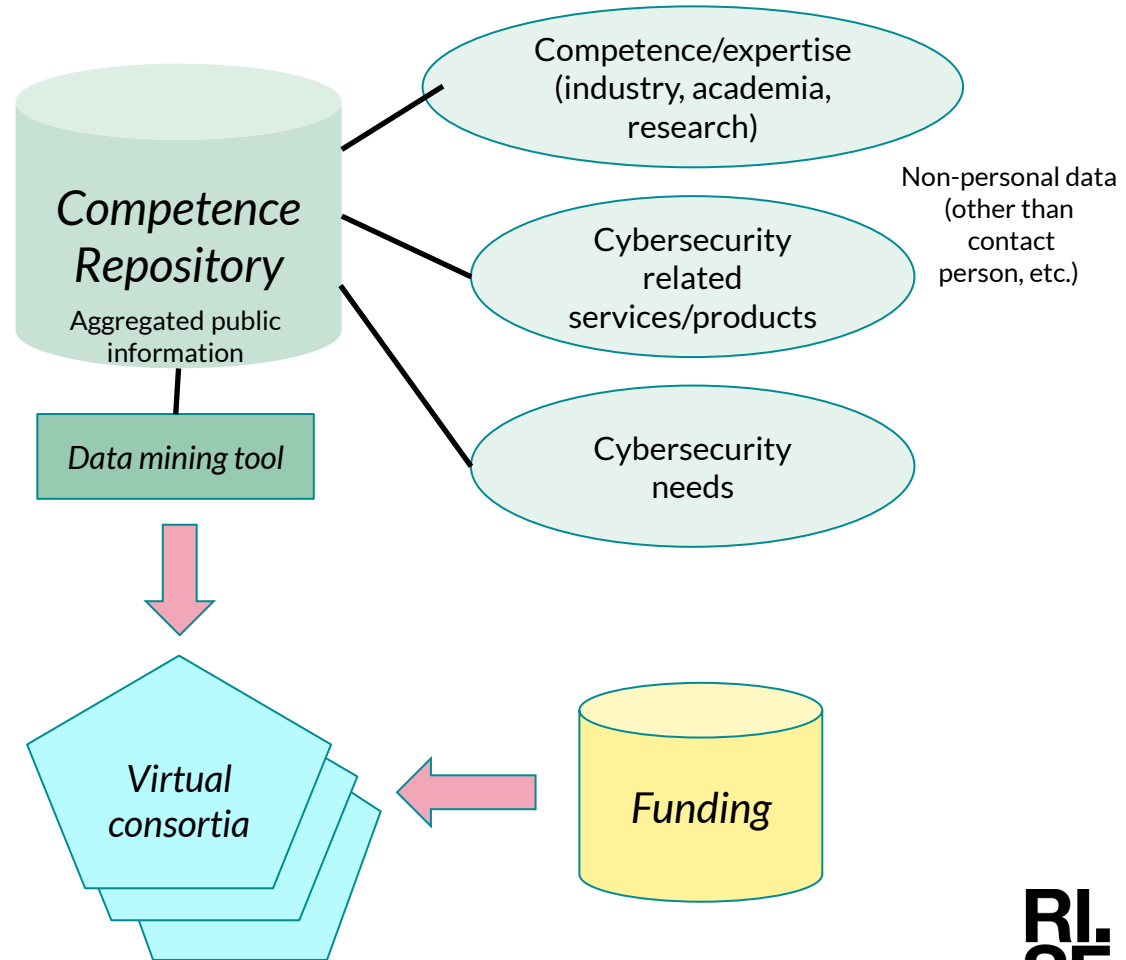

Workplan phase 1



- Create steering group
- Coordinate
- Create workgroups

- Funding opportunities
- Nordic Security Network

- Networking and matchmaking
- Information dissemination
- Website
- Conferences



More about the goals

Phase 2

Create and run workgroups/network groups around different themes

Examples:

AI in cybersecurity

Secure IoT

5G security

Security in SCADA/Industry 4.0

Privacy by Design

Secure Supply Chain

Risk analysis methodology

Increase stakeholders' ability to find the right skills/staff

Interpret and initiate rule and law changes in support of innovation

Be a "Single Point of Contact" for foreign cybersecurity research actors



Members today (210506)



List of all members:
cybernode.se/medlemmar/

Steering group

- MSB
- DIGG
- Teknikföretagen
- SOFF
- Combient
- Ericsson
- SWITS
- Mobile Heights
- Simovits Consulting
- RISE
- (Vinnova)

Reference group

- 21 organisations, both companies and universities

Members

More than 40 members, among these are:

- IT&Telekom
- Advenica
- Nexus Group
- NIXU
- Truesec
- Clavister

The competence database

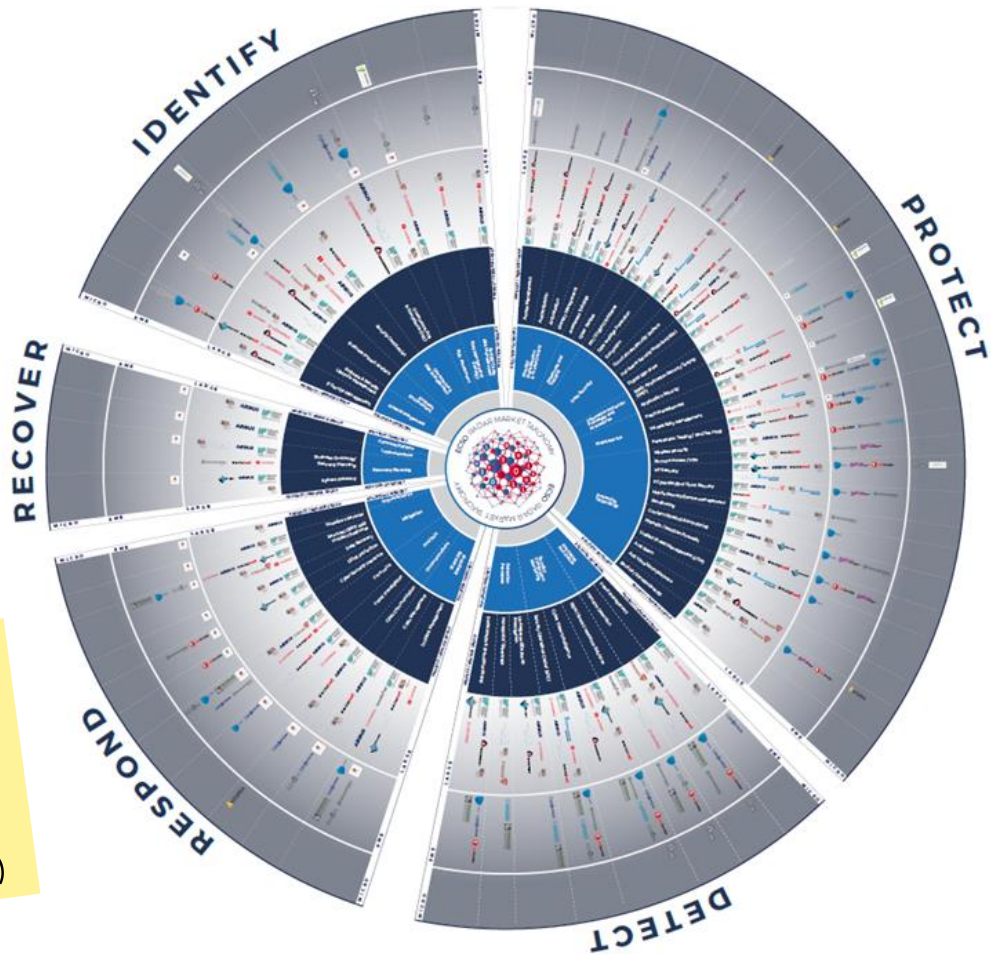
Each member provide their security profile

- 100 questions about products and services

The resulting database will be protected & offline

Database structure based on

- NIST CSF
- ECSO Radar (European Cyber Security Organisation)

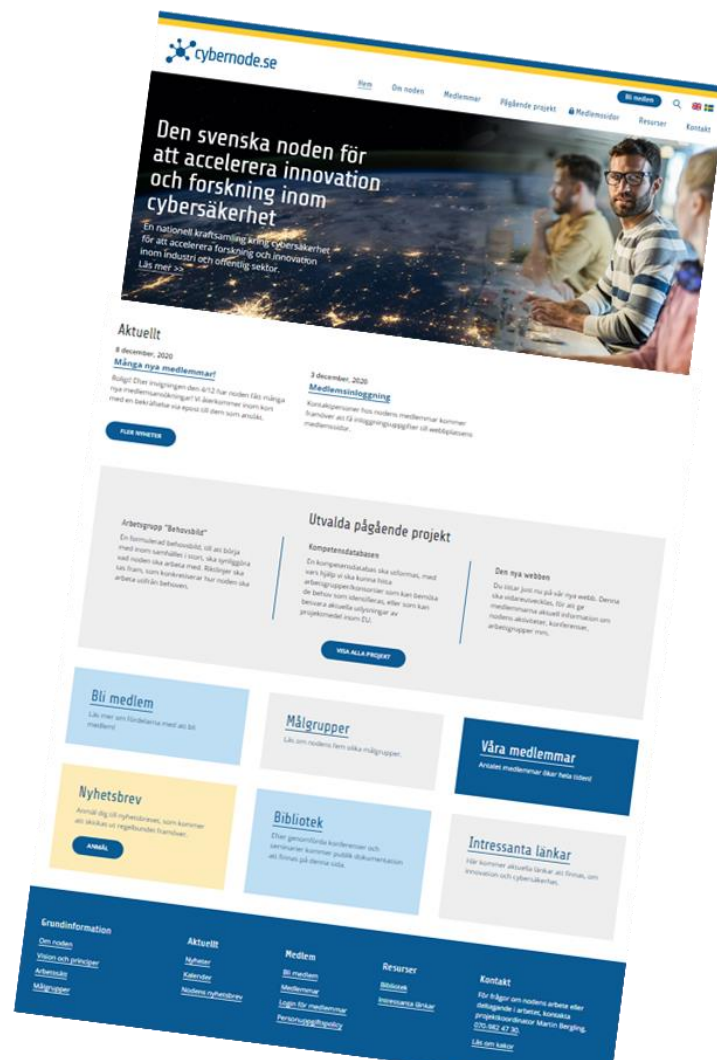


The web site



- Public area
- Member area

In Swedish, some parts
in English later on



Node Inauguration December 4, 2020

- The Minister for Economic Affairs Ibrahim Baylan
- Darja Isaksson, Director General VINNOVA
- Pia Sandvik, CEO RISE

See the presentations at the inauguration:
cybernode.se/invigningen-4-12-20/



Next step (1)

- More members!
 - Member meetings
 - 19/5: SÄPO + Horizon Europe
- More security profiles
 - Building the competence database
- Working groups/consortias
 - "The security needs"
 - Ongoing security research?
 - Test/integration of Swedish products?
 - IoT Security
 - Standards and frameworks
 - Reference design
 - EU call?
 - Risk analysis
 - Inventory – methods and tools
 - MSB call



Next step (2)



- More Working groups!
 - Security in 5G
 - Security Competence
 - Cyber Threat Intelligence
 - AI and cybersecurity
 - AI seminar 24/5
 - "The duality of ML and security"
 - SCADA/Industry4.0
 - Privacy by Design

Monitor new calls
in cybersecurity

Vinnova

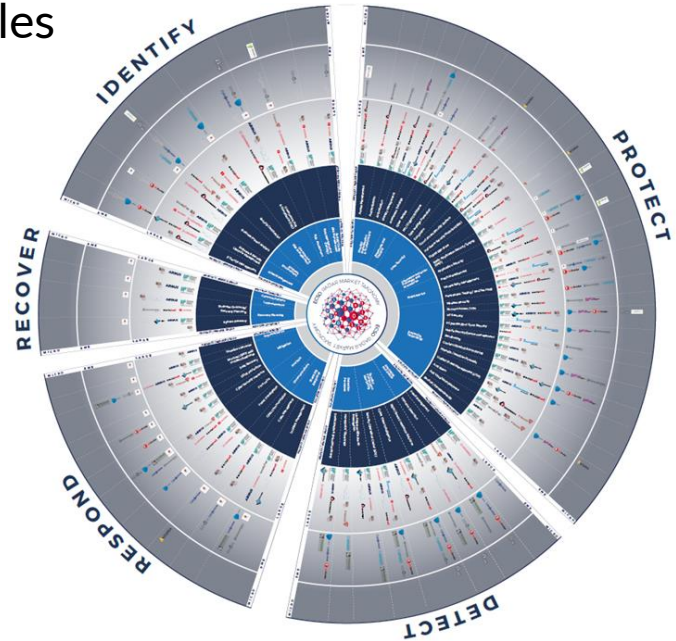
Horisont Europa

Invitation to SWITS members



- Will come soon!
- Separate members → separate security profiles

Welcome!





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