

IVA-project:

# Cybersecurity for increased competitiveness

Vinnova & RISE, December 2 2021



Royal Swedish Academy of  
Engineering Sciences

## WHAT IS IVA?

- For 100 years IVA has been a meeting place for Sweden's future.
- IVA builds bridges between the business community, public sector, academia and the political sphere.
- IVA brings together the expertise and experience of more than 1,200 elected Academy Fellows and 250 companies.

# Purpose and goals

- Strengthen Sweden's cybersecurity, i.e. the ability to understand and meet antagonistic threats while taking advantage of the opportunities in the continued digitalisation.
- Present a plan with 5-10 concrete political, public and private sector actions. Identify obstacles and how we can overcome them. The balance between strengthening Sweden's competitiveness and handling cyber security issues is essential.
- The proposals can apply to structural issues regarding the division of responsibilities and what financial resources are required. They must contain a clear description of which actors can implement the proposals.
- The target group is decision-makers in politics and business society.



## *Steering committee*

Håkan Buskhe, CEO Fam AB, (chairman of the project steering committee)

Anne-Marie Eklund Löwinder, Amelsec AB

Erik Ekudden, CTO, Ericsson

Patrik Fältström, Technical Director, Netnod

Pontus Johnson, Professor, KTH Royal Institute of Technology

Lena Klasén, Research director, The Swedish Police Authority

Hans Lindberg, CEO, Swedish Bankers' Association

Charlotte Lindgren, Director cybersecurity, National Defence Radio Establishment (FRA)

Jan Nygren, IVA fellow, Division XI Education and Research Policy

Staffan Truvé, Research director, Recorded Future

# *Actions*

- Meetings with steering committee
- Opening seminar
- Political reference group
- Media coverage
- Short white paper of threats and cyber security situation
- Three working groups:
  - WG1: Governance, collaboration and division of responsibilities
  - WG2: Systems, technology and human behaviors
  - WG3: Research, education och skills supply
- Project time frame: June 2021 – June 2023

# Working groups

## WG1: Governance, collaboration and division of responsibilities

- How can governance, collaboration and division of responsibilities within the cybersecurity area be improved?
- The relationship between politics and legislation at national and EU level.

## WG2: Systems, technology and human behavior

- What new safeguards are needed to meet the cyber threats.
- Innovation, technology and behavior - what new solutions can change the balance between attack and defense?
- Proposed measures from both a societal and competitiveness perspective.

## WG3: Research, education and skills supply

- Skills supply in cybersecurity - Sweden needs to improve its capacity.
- Increased knowledge and awareness of the seriousness of cyber threats and the consequences for society.
- Knowledge and protection ability against threats.

# Participation

- KTH
- FMV
- FRA
- Försvarsmakten
- Linköpings universitet
- MSB
- Polismyndigheten
- Stockholms universitet
- SÄPO
- Trafikverket
- UD
- Vinnova
- Avanza
- Bankföreningen
- Ericsson
- Internetstiftelsen
- Netnod
- Recorded Future
- RISE Cybernode
- SAAB
- Scania
- SKF
- SNUS (Swedish Network Users Society)
- SOFF
- Systembolaget
- Teknikföretagen
- Teracom
- Vattenfall

## *Contact info*

**Per Hjertén**, project manager, per.hjerten@iva.se

**Staffan Eriksson**, project manager, staffan.eriksson@iva.se

**Eva Lagerblad**, project coordinator, eva.lagerblad@iva.se

**Jan Westberg**, communication, jan.westberg@iva.se

Info: <https://www.iva.se/projekt/cybersakerhet-for-okad-konkurrenskraft/>

## *About IVA*

For more than 100 years the Royal Swedish Academy of Engineering Sciences (IVA) has been a meeting place for Sweden's future. IVA builds bridges between the business community, academia and policy makers. We bring together the expertise and experience of about 1.300 Academy Fellows and 250 member companies.

IVA's mission and ambition is to contribute to the development of society through knowledge and common sense, and through fact-based and rational reasoning.

IVA runs projects and arranges seminars throughout the country that are free-of-charge and open to all. IVA assembles prominent engineers, economists, researchers and entrepreneurs, as well as private and public sector leaders who generously share their intellectual capital and whose involvement rests on a foundation experience and expertise.