

A woman with long dark hair and glasses is looking intently at a computer monitor in a server room. The room is filled with server racks and cables, and the lighting is dim with a blue tint. The background is slightly blurred, focusing on the woman.

**RI.
SE**

Welcome to ENCACS Industry days 2023

Hanifeh Khayyeri, Vice President Computer Science

OWNER'S MISSION FOR RISE

RISE should be **globally competitive** and promote sustainable growth in Sweden by **strengthening the competitiveness and innovation of the business sector**, as well as promote **the public sector's** renewal and capability to provide solutions to global challenges in partnership with the private sector.

Excerpt from Research Bill 2020/21:60 Research, Freedom, Future – Knowledge and Innovation for Sweden.

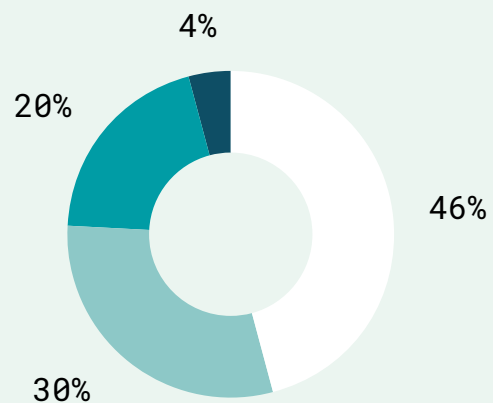


3,993

SEK million, net sales

Operating results: 22 SEK million

Operating margin: 0,6%



Distribution of net sales

Business sector	1,831 MSEK
Public funds	1,179 MSEK
State funds	812 MSEK
EU funds	171 MSEK

Nearly

3,300

employees



40%

women

130+

Testbeds and demonstration environments

We are represented at

35

locations around Sweden



78

Customer Satisfaction Index

Cybersecurity



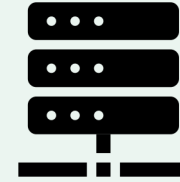
- Cyber Range testbed
- Vulnerability testing
- IoT security
- AI & Cyber
- Cyber Node

Internet of Things and 5G



- Battery-free IoT
- Secure IoT transfer
- 6G security

Datacenter



- Datacenter technologies
- Heat reuse & energy efficiency
- Cloud & Edge testbed

Data platforms



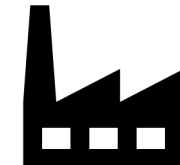
- AI & Earth observation data
- Digital twins
- Edge computing platforms
- High Performance Computing

AI and machine learning



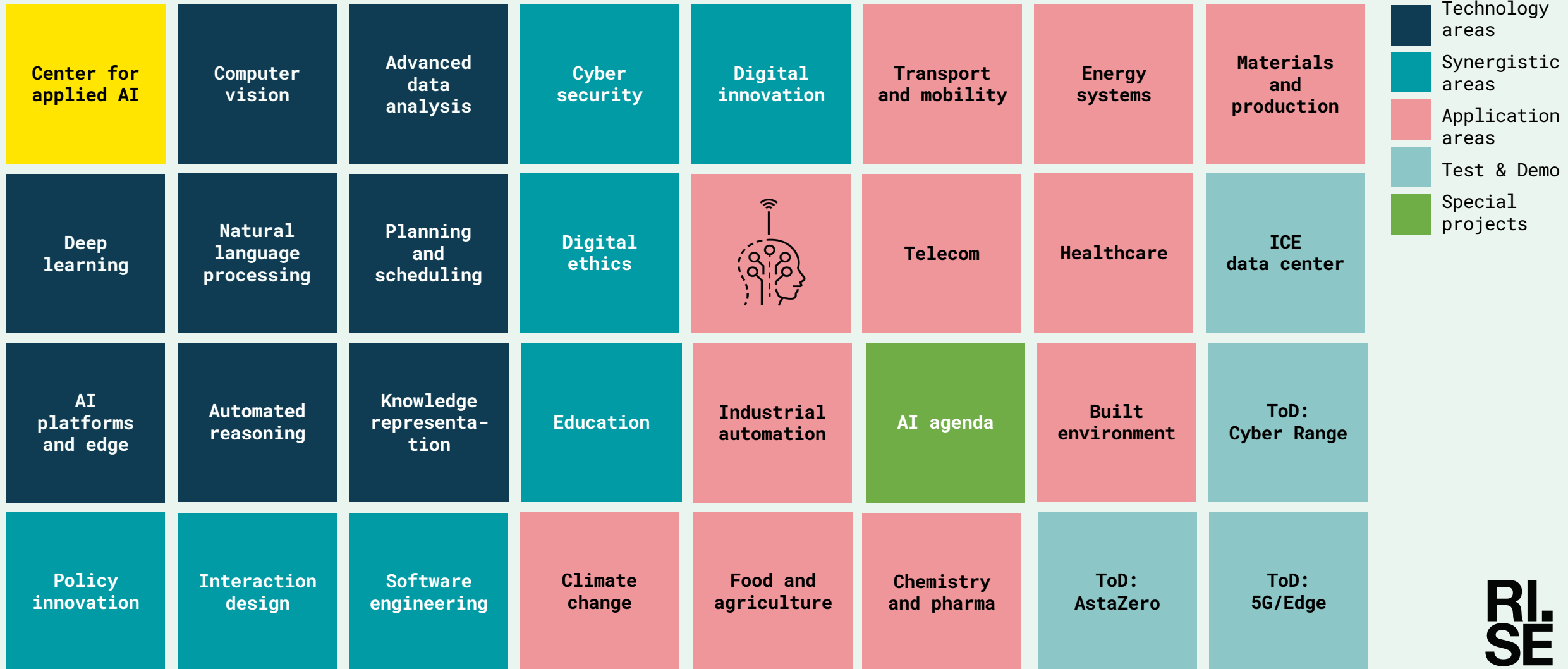
- AI for network automation
- Resource- efficient ML
- Soundscape analysis
- Cross-lingual and Multilingual AI

Industrial data analysis



- Knowledge graphs and reasoning
- Predictive maintenance
- Causal inference
- Compilers

AI at RISE – 150+ projects, 450+ network



Cyber Range – test och demo



Professional
training and
education

Cybersecurity
certification
ISO, ETSI,
SSF, IEC



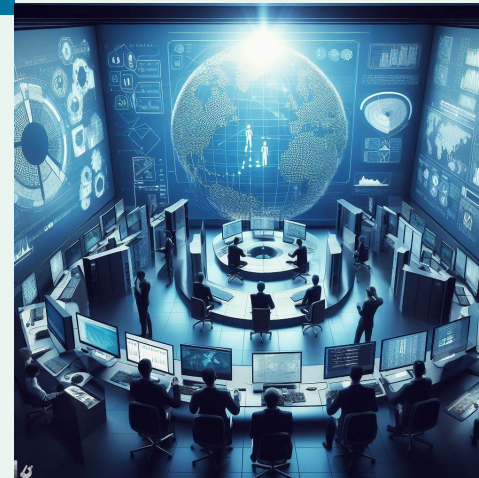
Penetration
tests, analysis
and
cybersecurity
research



Secure and
confidential
environment



Digital twins of
products and
systems



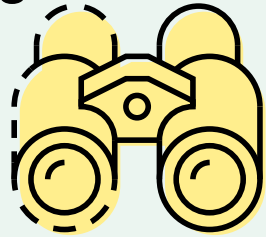


ICE Data center – test and demo

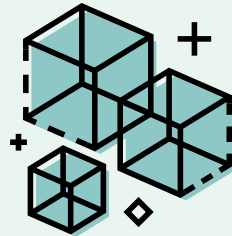
- Research and innovation in digital infrastructure: data center, 5G, Edge
- Testing and verification of ideas, concepts or products for data centers : liquid cooling, climate chambers, including services for compute and storage plus data platforms
- 5G and edge testbed at harbor, industry, city and agricultural sites

Examples of when to use us

**Expand into
new markets**



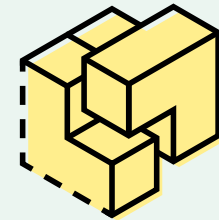
**Research and
develop your ideas
or solutions**



**Test and
verify your
solution or
product**



**Learn more,
order an
analysis or
foresight**



... and many more

**RI.
SE**

Thank you