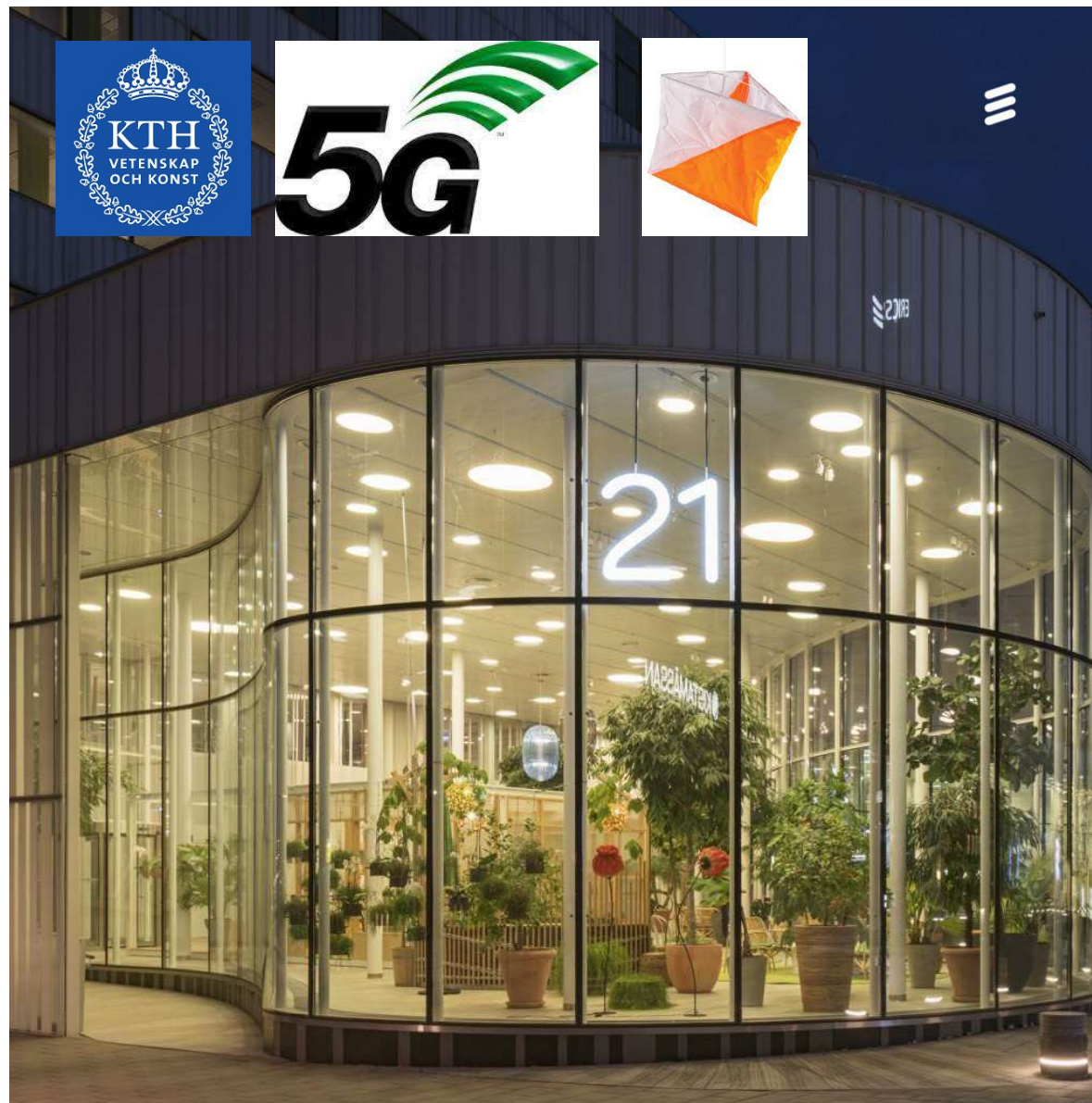# Ericsson – what do we do in Research?

Maria Edvardsson

Program Manager for a Research program on
New Capabilities and Ecosystems

Who is Maria?

- Education:
  - MSc in Electrical Engineering from KTH 1996
- Career: Started at E/// after KTH
  - Concept development and evaluations for 3G
  - Research Project manager
  - Research Line manager
  - Research Program manager
- Technical area
  - Research on 3G-6G (at least)
  - 3GPP
  - IoT and Verticals
- In private:
  - Married, two grown-up kids
  - Like to do sports

Our vision

A world where limitless connectivity improves lives, redefines business and pioneers a sustainable future

Well-equipped for innovation and co-creation

Ericsson Research

Leads the journey of an exciting vision of what networks can deliver in 2030.

Innovation Labs across the world

Co-creation and exploring opportunities with partners and customers.

Ericsson product development

Making products come true with robustness, quality and scale.

R&D employees: **29,300**   R&D investment: **SEK 47.3 billion**   Granted patents: **More than 60,000**

Sustainable digitalization of enterprises, industries, and society

| Manufacturing | Automotive | Immersive interaction | Digital airspace | Railways | Public safety and defense | Construction/Port/mining | Utilities |

Applications and USE-CASES

Technical ENABLERS to ensure services and monetization

Devices and network that are EASY to deploy, manage and integrate

DEVICE availability for use-cases to be digitalized

A NETWORK that in an efficient way can connect people and things needed for the digitalization

- Dependable communication and compute everywhere
- Observability and predictability for network and application automation
- Position aware services
- Ease of use
- "AI for networks, networks for AI"
- Privacy and Trust

2030 — A digitalized and programmable world based on 6G

Human and society needs

The Internet of Senses

Connected intelligent machines

Connected sustainable world

Digitalized and programmable world (example)

Real incident

Cyber-physical analysis

Preventive action

6G network platform

Limitless connectivity

Trustworthy systems

Cognitive network

Network compute fabric

How do we work?

- Matrix organization
- Projects & teams: Execution of research
- Line: people, competence, work-environment
- Anchored strategies

- Culture
- Collaborations
- Helping each other & discussing
- High competence
- Curiosity

Why do I like working at Ericsson

- Our colleagues

- Technical challenges

- Possibility for Ericsson to change the future

- Variety in work tasks

Work at Ericsson

- Good first jobs

- Career

- Women at Ericsson

- Multicultural work environment

Q&A

Jobs at Ericsson are found here: [Ericsson Careers: Be part of our global team at Ericsson](#)