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
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

- Devices and network that are EASY to deploy, manage, and integrate
- Technical ENABLERS to ensure services and monetization
- DEVICE availability for use-cases to be digitalized
- A NETWORK that in an efficient way can connect people and things needed for the digitalization
- Applications and USE-CASES

- 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

Jobs at Ericsson are found here: Ericsson Careers: Be part of our global team at Ericsson