

ERICSSON-BME-ELTE-EIT OPEN WINDOW OF OPPORTUNITIES



CHARLOTTE KARLSSON
VP, HEAD OF R&D ERICSSON HUNGARY



THIS IS ERICSSON



- › We provide:
 - Communication network
 - Services to network operators
 - Enablers to service providers
- › Our joint venture provide:
 - ST-Ericsson; semiconductors and wireless platforms
- › Customers in more than 180 countries
- › 40% of the world's mobile calls pass through our networks
- › ~ 105 000 employees
- › 135 years in the telecoms market

135 YEARS OF INNOVATION



- 1878 Telegraph to telephone
- 1923 Manual switching to automatic switching
- 1968 Electro mechanics to computer control
- 1981 Fixed communications to mobile communication
- 1991 Analog (1G) to digital (2G) mobile technology
- 1998 Integration of voice and data in mobile networks
- 2001 Launch of WCDMA/3G networks in West Europe
- 2006 Launch of HSPA mobile broadband globally
- 2009 First commercial LTE network launched
- 2011 Sales of mobile broadband took off

We holds the world's strongest portfolio of essential patents for telecommunications

35,000 granted patents worldwide

More than 80 patent license agreements

Positive net revenue from royalties



THIS IS ERICSSON R&D HUNGARY



- › Established 1911
- › Largest industrial research and development institution in Hungary
- › Complete R&D chain represented
- › Research in areas of IP Networks and Network Management
- › Development of HW and SW products
- › ~ 100 PhD degree
- › ~ 1200 employees



ERICSSON-BME-ELTE-EIT OPEN WINDOW OF OPPORTUNITIES



Faculty of Electrical Engineering and Informatics
High Speed Networks Lab
Complex HW Lab



Faculty of Science, Institute of Physics
Communication NW Lab

Faculty of Informatics
Software Technology Lab



**3 EIT ICT Labs
Master Programmes**
- Service Design Engineering
- Security and Privacy
- Digital Media Technology

**Budapest Doctoral
Training Center (DTC)**



WINDOWS OF OPPORTUNITY



ERICSSON



M Ű E G Y E T E M 1 7 8 2





THOSE WHO HAVE THE ABILITY TO - RETHINK -
REINVENT AND INNOVATE WILL BE THE
WINNERS IN THIS NEW ECOSYSTEM



HANS VESTBERG





ERICSSON