

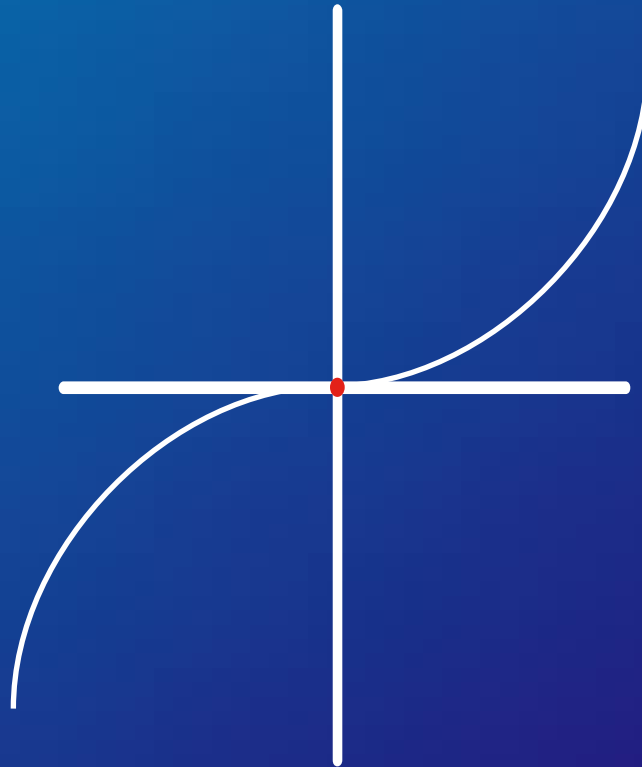
ERICSSON VISION 2020: NETWORKED SOCIETY & 50 BILLION CONNECTED DEVICES



SINISA KRAJNOVIC PHD

VP AND HEAD OF R&D ERICSSON HUNGARY

INSTALLATION



DEPLOYMENT



100 YEARS – 1 BN FIXED PHONE LINES

20 YEARS – 5BN MOBILE SUBSCRIBERS

80



1%

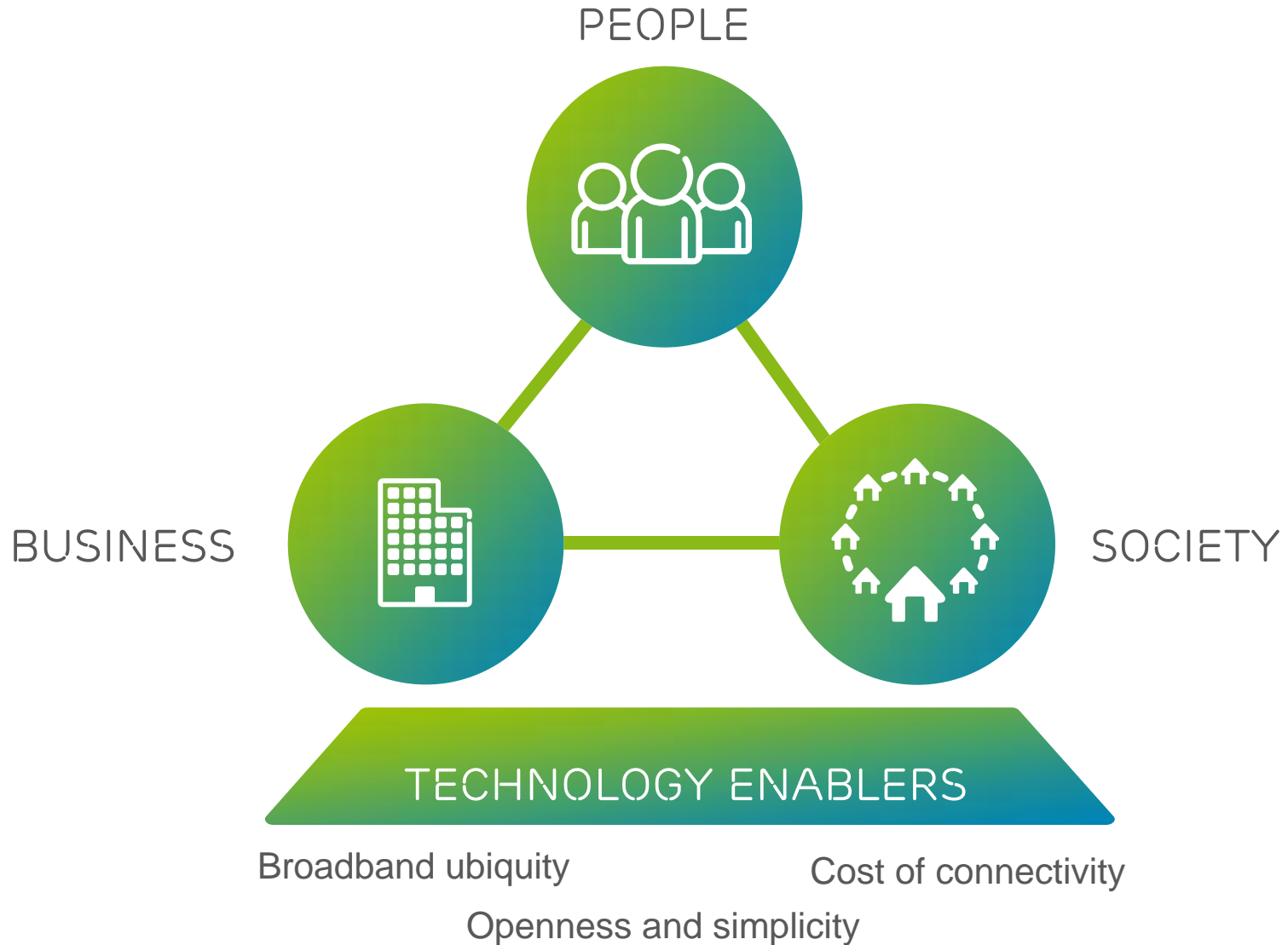








DRIVERS FOR NETWORKED SOCIETY

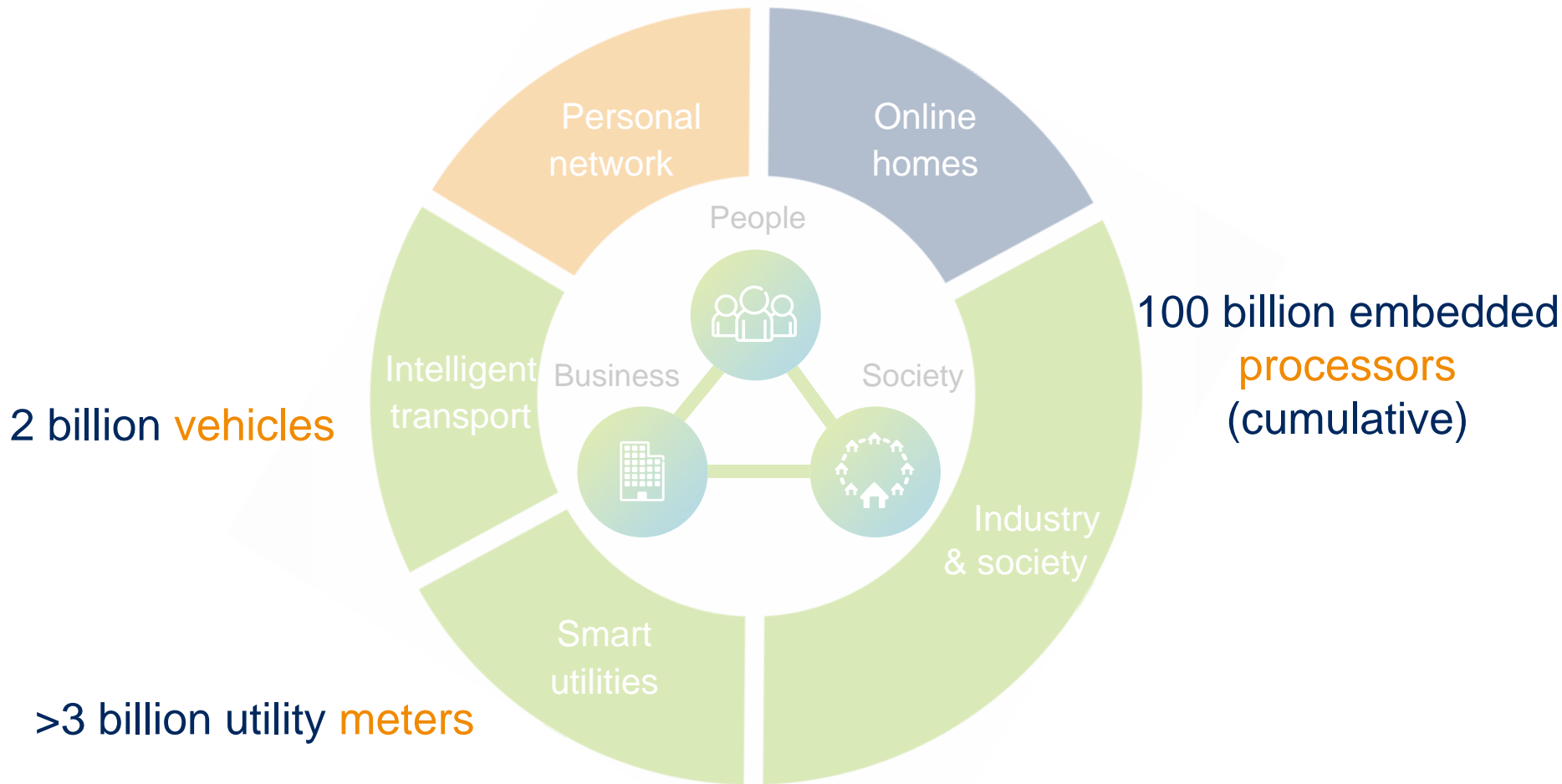


CONNECTED DEVICES



BUILDING UP TO 50 BILLION 2020

3 billion middle class consumers



ERICSSON HUNGARY'S RESEARCH CO-OPERATIONS IPV6 FOR AUTONOMIC NETWORKS AND SERVICES (EFIPSANS)

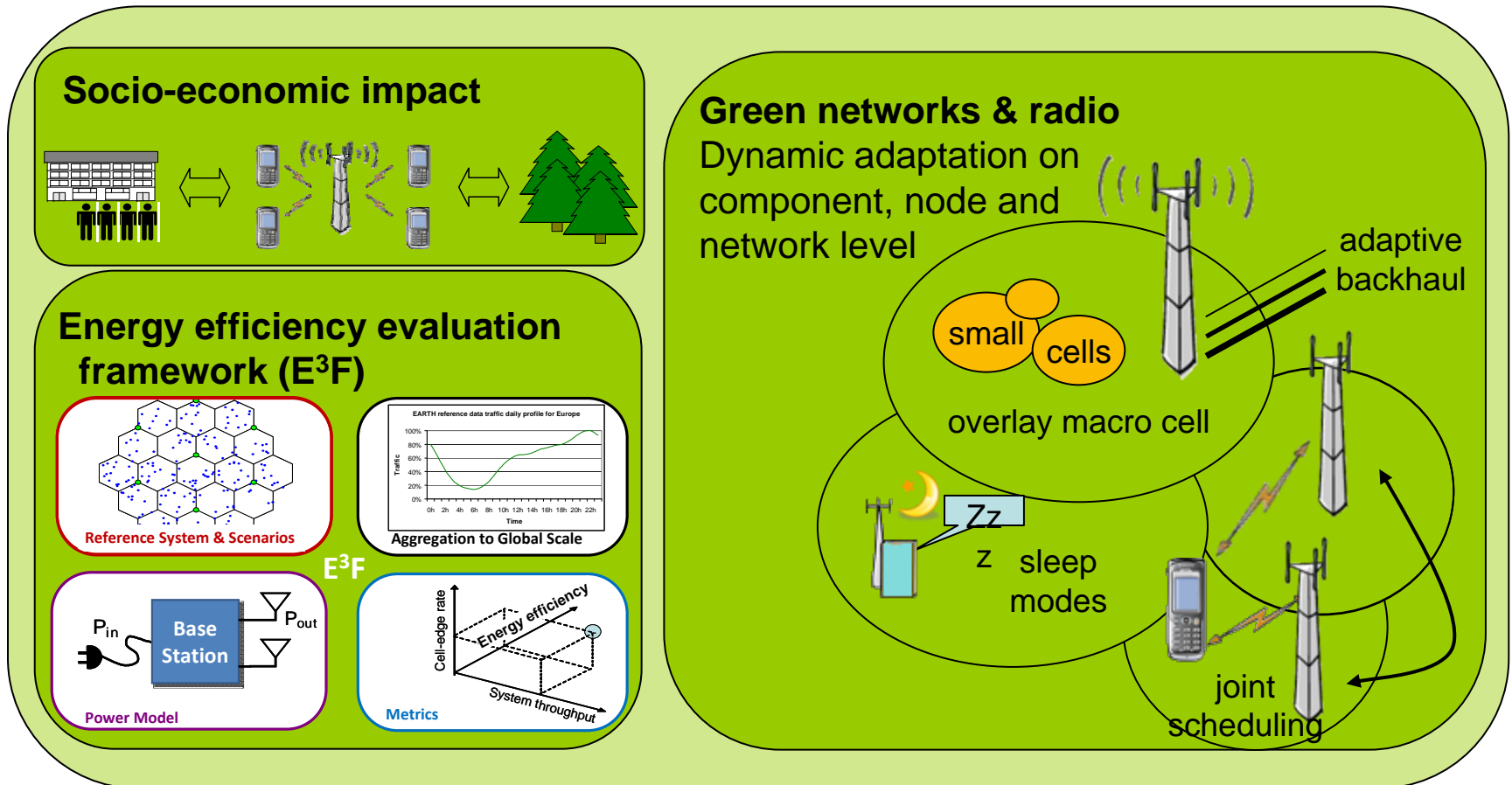
- › 2008 January – 2011 March, 18 partners
- › Scope
 - Generic Autonomic Networking Architecture (GANA)
 - New IPv6 protocol extensions
- › Goal
 - Demonstrate the CAPEX/OPEX benefits of the IPv6/Autonomics coupling
- › Ericsson in the EFIPSANS:
 - Project Coordinator
 - Co-leadership in WP5 (network trials)
 - Prototypes using SmartEdge routers



ERICSSON HUNGARY'S RESEARCH CO-OPERATIONS

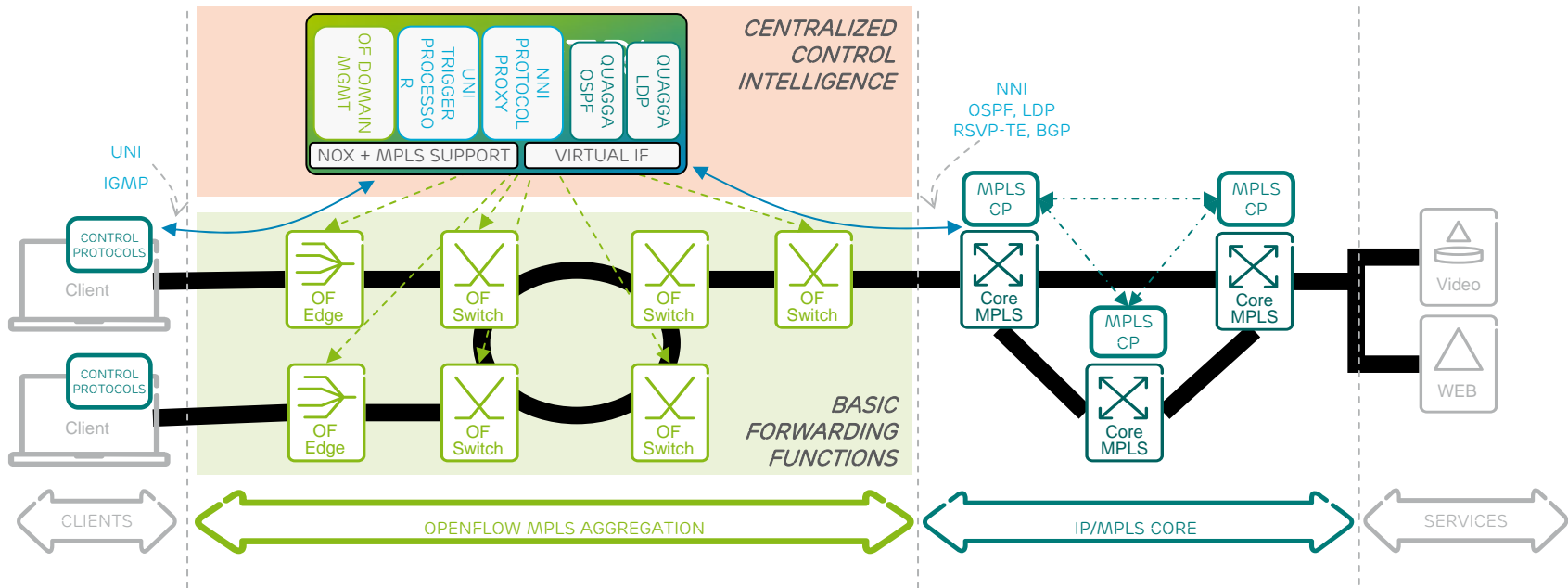
ENERGY EFFICIENT NETWORKS (EARTH)

- › Reduce energy consumption of MBB networks by 50% in representative scenarios without compromising quality



ERICSSON HUNGARY'S RESEARCH CO-OPERATIONS

SPLIT ARCHITECTURE CARRIER GRADE NETWORKS (SPARC)



- › Enhance control flexibility by centralizing network intelligence
- › Use OpenFlow as a standard & open interface between forwarding and control elements
- › IST-FP7 project to specify & prototype an OpenFlow based MPLS access/aggregation network
- › SPARC Demo at FIA!





MOBILITY

BROADBAND

CLOUD

NETWORKED SOCIETY



ERICSSON