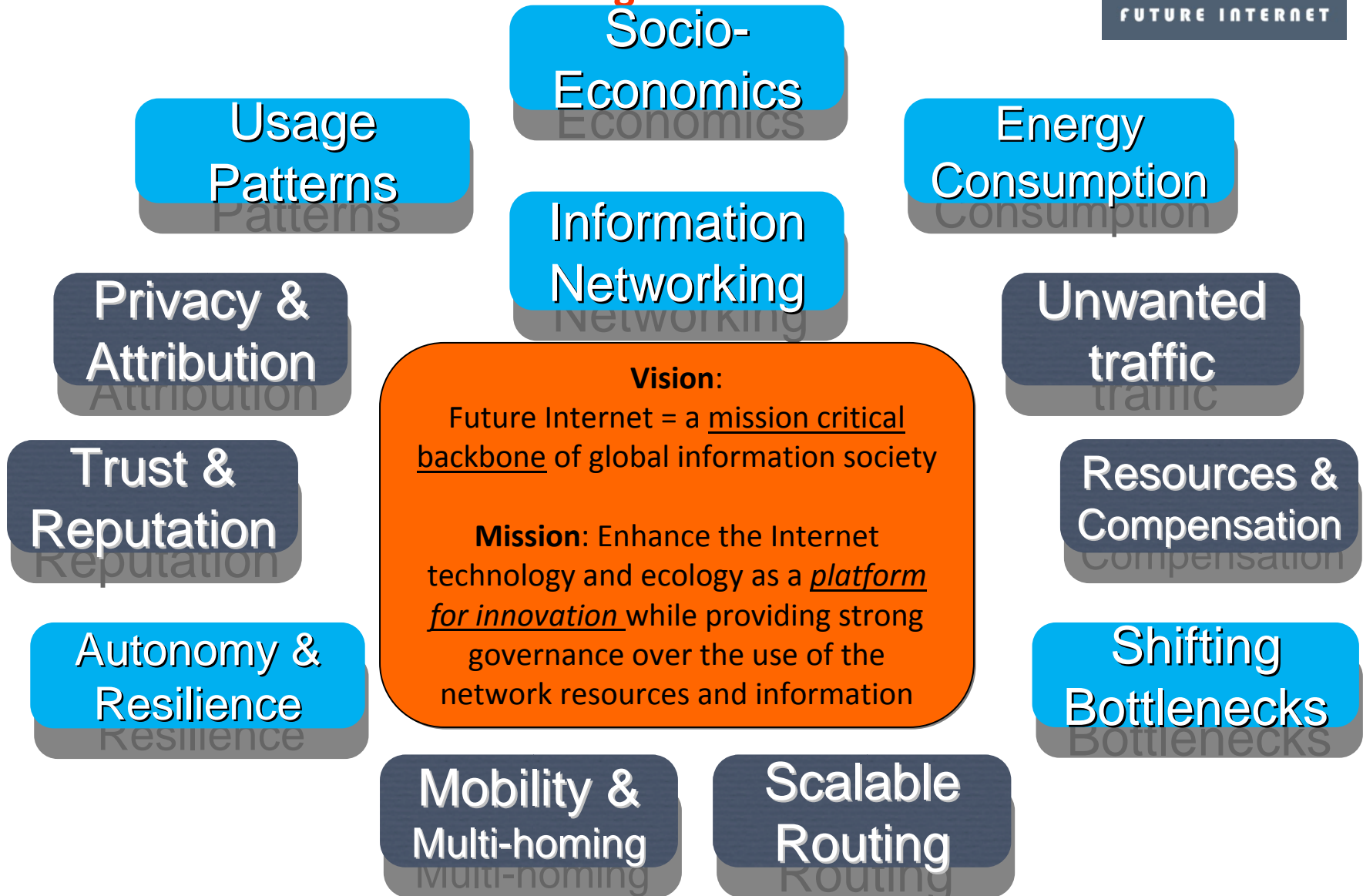


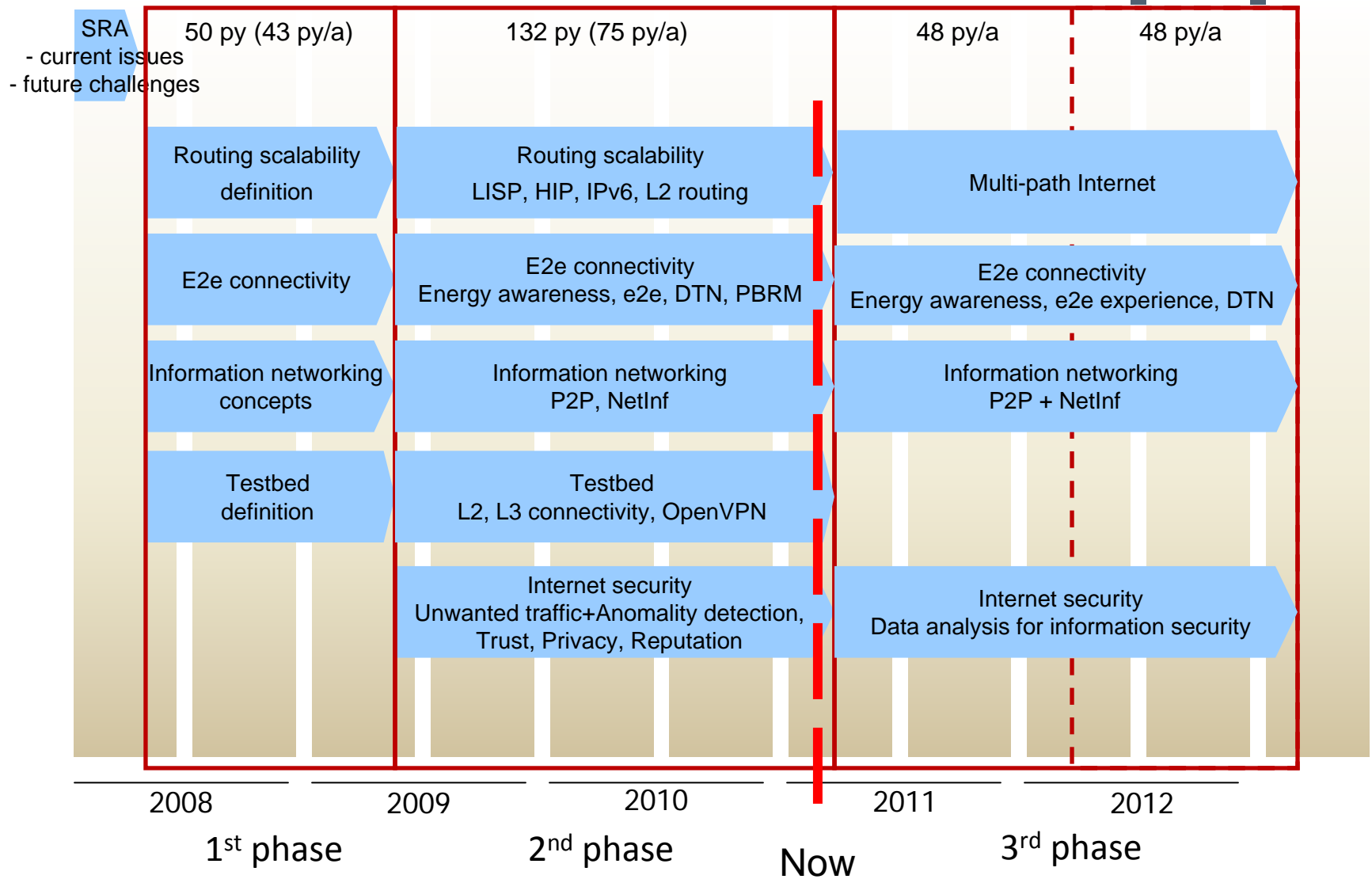
Tivit Future Internet program 2008 - 2013

Reijo Juvonen, Nokia Siemens Networks Research
Focus Area Director, TIVIT Future Internet

Future Internet SRA: Current issues & Future challenges

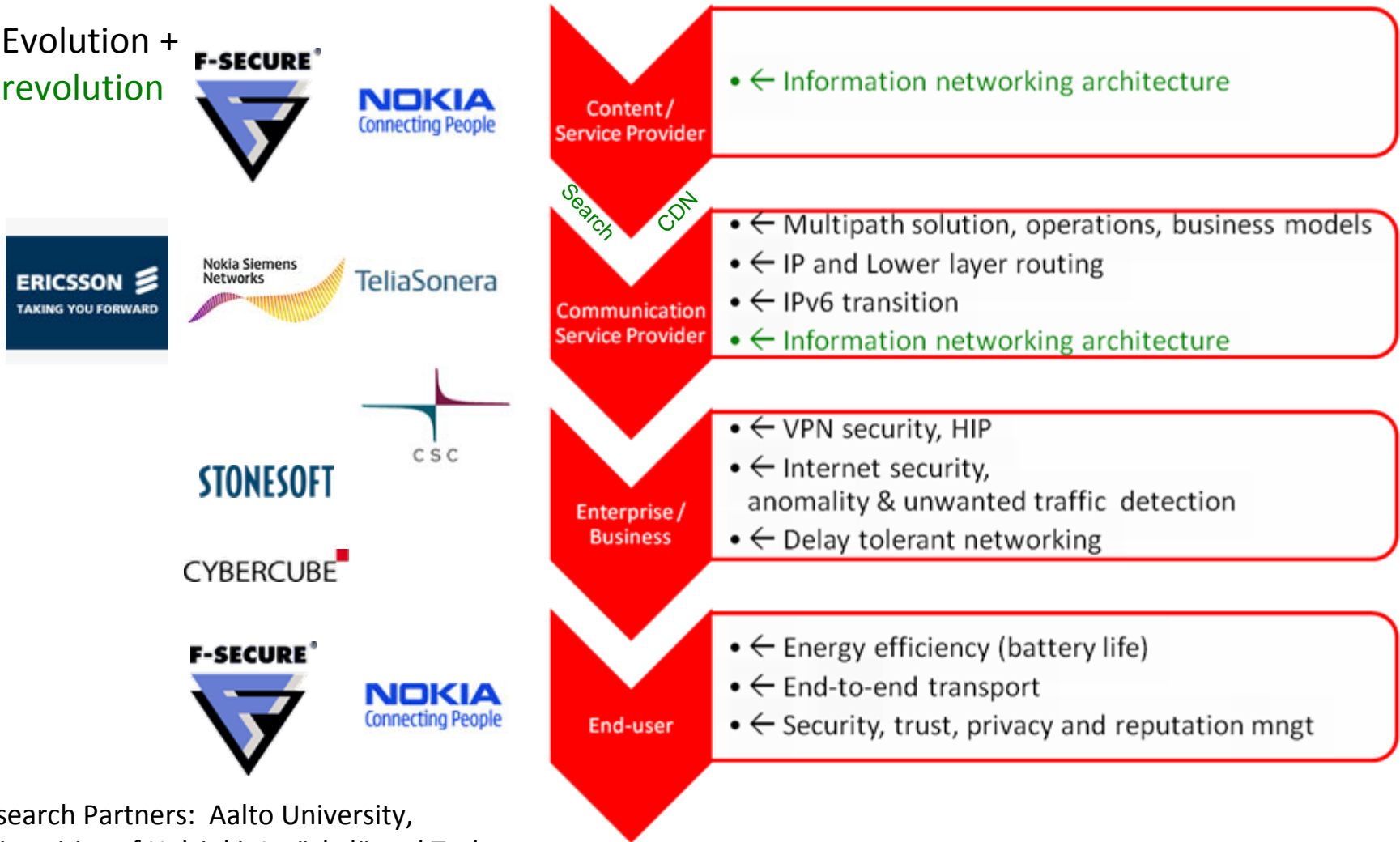


Grand picture of the program



Communication services value net = ecosystem to utilize the results

- Evolution + revolution



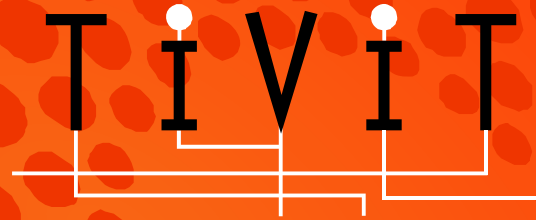
Research Partners: Aalto University, Universities of Helsinki, Jyväskylä and Turku, Tampere University of Technology, VTT

Research → Standard (IETF) → Product / Service

Summary – Impact of the Future Internet Program



- The program partnership provides a direct channel for applying research results in the products and solutions of the participating companies
 - e.g. routing, energy efficiency, protocols and security solutions
- Main achievements so far:
 - Strong contribution to IETF+IRTF on Routing/Loc-Id-Separation area (LISP, HIP; HAARO)
 - Strong contribution to 3GPP on IPv6 migration guidelines
 - Thorough understanding on energy consumption in wireless Internet communications
 - Information networking concepts and pilots presented at high level international fora, (prototyping in cooperation with EU FP7 PSIRP)
 - Unwanted traffic, botnet & anomaly detection algorithms for products
- Internal impact
 - Improved national cooperation between partners: more power to continue the Finnish momentum
 - Competence building → competitiveness of the participating companies and research institutes in the fast developing Internet platform business and research (short & long term)



Thank you!

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