

5G RELATED RESEARCH AT ACREO SWEDISH ICT

- **5G TRANSPORT**
 - dynamic operation, programmability and virtualization on all network layers
 - common transport of traffic from mobile and fixed accesses including C-RAN transport
 - integration of network management with services and applications (SFC)
- **OPTICAL TRANSMISSION TECHNOLOGY**
 - DWDM-centric metro/aggregation networks
 - Free-space opto small cells solutions
- **INDOOR COVERAGE**

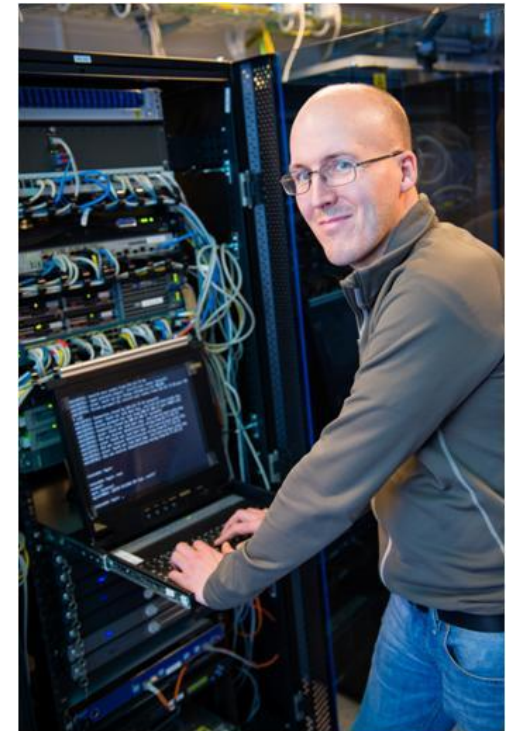


TESTBEDS AND DEMONSTRATIONS AT ACREO SWEDISH ICT

**LONG EXPERIENCE OF INTEGRATION OF R&D INTO
DEMONSTRATIONS AND PROOF-OF-CONCEPTS, E.G:**

- **ACREO NATIONAL TESTBED**
 - **A NETWORK OPERATED BY ACREO DELIVERING INTERNET
AND SERVICES TO REAL HOUSEHOLDS**
- **IP TRAFFIC MEASUREMENTS**
 - **OPERATION AND ANALYSIS OF TRAFFIC MEASUREMENTS
ON BEHALF OF REAL MUNICIPAL NETWORKS**
- **XIFI – NODE**
 - **DATA CENTER & GEANT CONNECTIVITY**

**WE OFFER DEVELOPMENT AND HANDS-ON OPERATION OF
DEMONSTRATIONS AND PROOF-OF-CONCEPTS**



ACREO SWEDISH ICT

PART OF SWEDISH ICT - A GROUP OF RESEARCH INSTITUTE WITHIN ICT TECHNOLOGY OWNED BY THE GOVERNMENT

ACREO SWEDISH ICT IN SHORT

- **120 EMPLOYEES, HQ IN KISTA, STOCKHOLM**
- **ANNUAL INCOME APPROX 20 MEUR (20% IN EU PROJECTS)**
- **TURN OVER IN SPIN-OFF COMPANIES 40 MEUR.**
- **LARGEST INSTITUTE IN THE SWEDISH ICT GROUP**

