

LUMIORA



hög hastighetsnät i norr

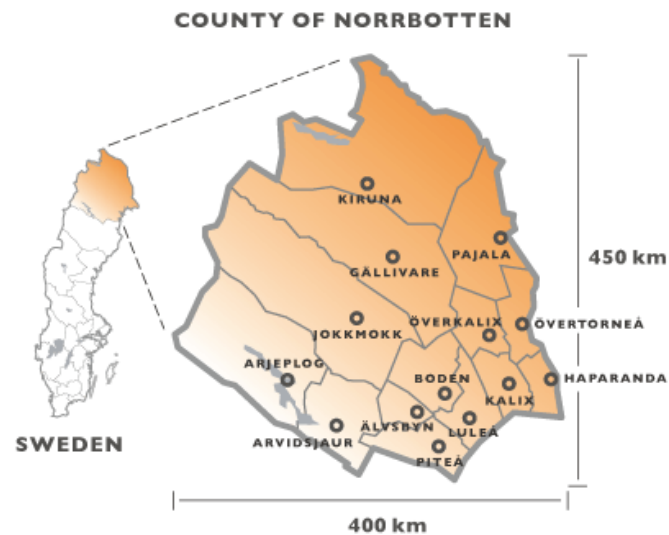
CASE LUMIORA

Anne-Mari Angeria
Marketing Manager
IT Norrbotten AB



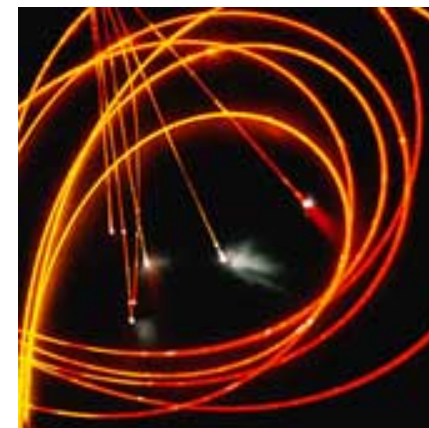
FACTS OF NORRBOTTEN

	Norrbotten	Sweden
Population	251 886	9 million
Area	98,249 km ²	450,000 km ²
Population density	2,6 inhabitants per km ²	22 inhabitants per km ²



WE OFFER

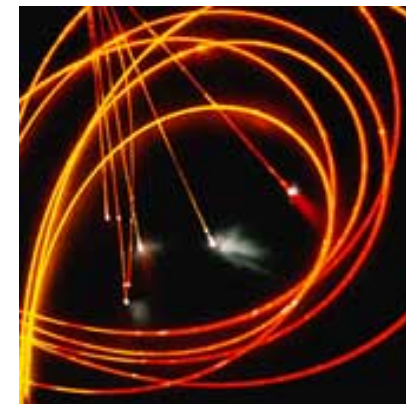
- a countywide fibre-based high-speed network for business and public sector services
- that extends the range of services offered, adding to economic growth and development in the region



SERVICES

We offer

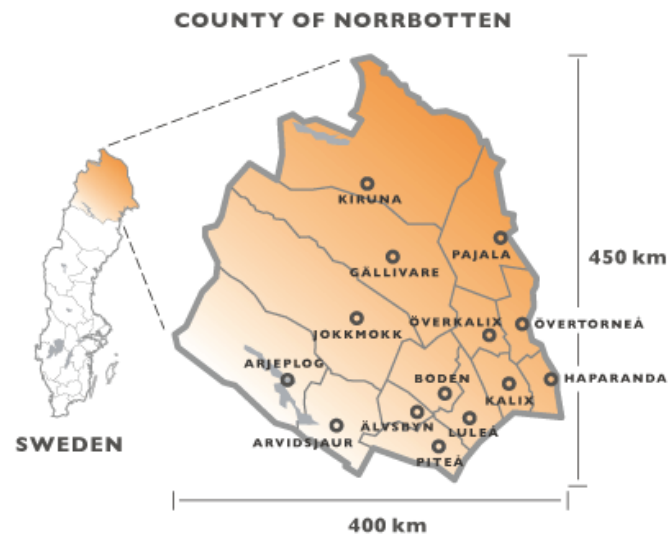
- lease of black fibre, ie fibre without active equipment
- Communication services
- Location in nodes in all main municipal centres and with amplifier nodes



OWNERS

IT Norrbotten is owned by

- Municipalities of Norrbotten
- The County Council of Norrbotten



ROLE

- To administrate and develop the regional, fibre optic communication network - Lumiora
- To stimulate the usage of the network for business and public sector so that broad range of services will be created
- To act as a catalyst for the regional development



3,000 KM OF DIGITAL MOTORWAY

- 650 million SEK has been invested in the IT infrastructure
- Regional high-speed networks part was 85 million SEK
- Years 2000 - 2007
- About 3,000 km of fibre optic network has been built
- Redundancy
- Secure the quality of site spaces



REGIONAL NETWORK - LUMIORA

Why the regional link between municipalities was built?

- To strengthen the development in the county in the form of
 - collaboration
 - increasing efficiency in municipal operations
 - higher service level
 - new services & new enterprise
- To create economic growth and population growth



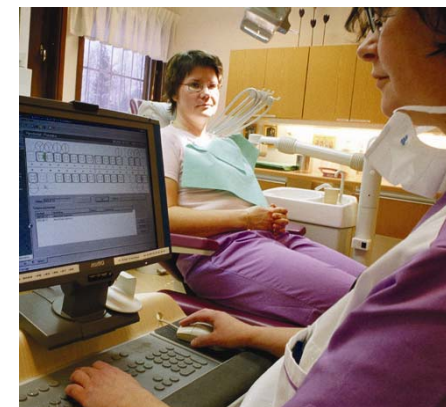
OPEN NETWORK

- Possible for anybody to make use of the network on equal terms
- Open network creates competition
- Competition creates a better range of services and freedom of choice



LUMIORA, COUNTY COUNCIL MORE EFFICIENT HEALTHCARE

- 5 hospitals, 33 health centres and 34 dental clinics
- Fifty times faster network and reduced communication costs



MORE EFFICIENT HEALTHCARE

- System for digitalised patient records
- Digital X-rays
- Digital prescriptions
- System for videoconference
- IP-telephony



LUMIORA NETWORK FOR MUNICIPALITIES

Increases potential for collaboration
between

- The municipalities
- Municipalities and county council



EXAMPLES OF COLLABORATION BETWEEN MUNICIPALITIES

- School admissions Boden – Luleå – Piteå – Älvsbyn
- IP alarm Haparanda – Kalix-
Överkalix - Övertorneå
- IP telephony Arjeplog – Arvidsjaur –
Malå - Sorsele
- PA-system Gällivare – Kiruna – Pajala
Kalix – Övertorneå
Piteå – Älvsbyn

EXAMPLES OF COLLABORATION BETWEEN MUNICIPALITIES

- GIS Arvidsjaur – Arjeplog
- Distance education Luleå University of Technology – Piteå – Arjeplog
- Adult education Boden – Luleå – Piteå – Älvsbyn
- Rescue services Boden – Luleå – Piteå – Älvsbyn
- Patient records NLL – Jokkmokk – Övertkalix – Övertorneå

LULEÅ UNIVERSITY OF TECHNOLOGY

- Videoconferencing and e-meeting technology for distance-spanning teaching, research and development
- Close interactive cooperation despite physical distances



VIDEOCONFERENCING SAVES RURAL SCHOOLS

- Inter-school teaching
- Virtual merging of student groups
- All have access to the same teaching
- Qualified teachers for all student groups



PLATTFORM FOR VIDEOSTUDIOS

- All the health centres of county council
- The local authority of municipalities in Norrbotten
- Municipality commissioners (Mayor)
- The executive directors of the municipalities
- Administrative managers



VIRTUELL MEETINGS

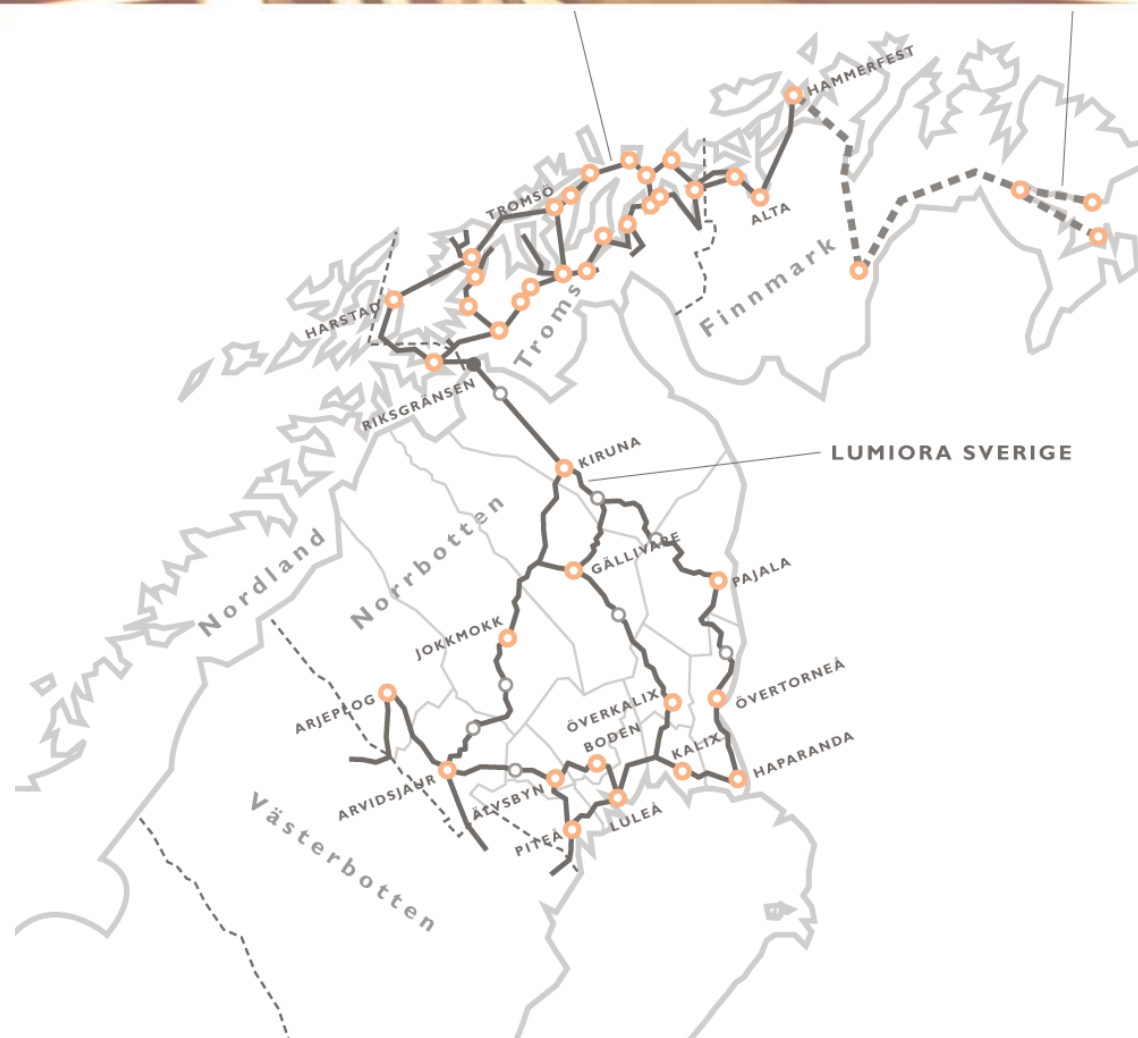
- Reduced travelling costs
- Increased safety
- Saved time
- Environmentally friendly
- Freedom of choice
- Quality of life



TEAM NORRLAND/ NYA MARKNADSPLATSER

LUMIORA





TEAM NORRLAND

- From isolated telecommunication communities to competitive open regions.
- Regardless of which Team Norrland partner you choose, you will receive one contact person and one agreement.



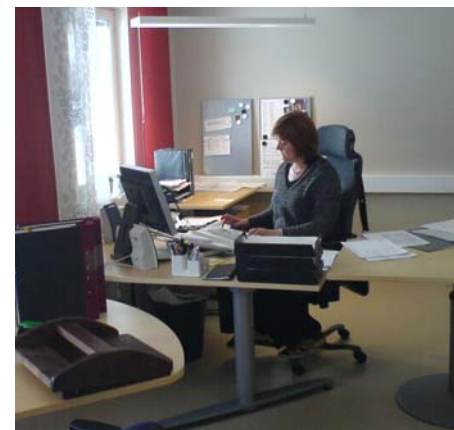
Team Norrland



 Team Norrland

“STADSNÄTSFORUM” I NORRBOTTEN

- Region network Lumiora
- Urban networks
- Service level (SLA)
- Prices
- Strategy
- Automatic tender procedure via Association for Swedish Urban Networks (TDC-Song, Telenor, Tele2, Banverket, ComHem...)





KIITOS!

anne-mari.angeria@itnorrboten.se

www.itnorrboten.se & www.teamnorrlan.net

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