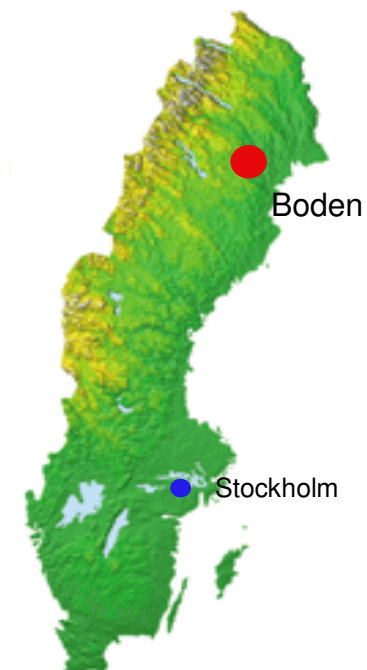


Boden, The River Bank



Image is a photomontage



Investing in your future

Boden, The River Bank

- **OWNER** Municipality of Boden
- **LOCATION** Boden, County of Norrbotten, Sweden, WGS 84: N65°48.200' E21°41.100'
- **SITE CHARACTERISTICS** Essentially greenfield, undeveloped land, zoned for industrial and office use. Total area approximately 207 000 sq m, buildable area 100 000 sq m.
- **CLIMATE** Average temperature per year 1,3°C. Average number of days per year with max temperature >25°C is four(4).
- **POWER**
Today: Load to site 1,5 MW, 20 kV (construction power)
Alternative I: Load to site 30 MW within 4-6 months from order.
Installation of four new 20 kV feeders to site to manage an effect up to 30 MW
Alternative II: Load to site 80 MW within approximately 18 months from order.
Installation of two new 145 kV feeders (redundant) to manage an effect up to 80 MW, construction and installation of a new substation for 145 kV -> 20kV
- **CONNECTIVITY** Redundant dark fiber approximately 1000 m from site. Fiber provider is Bodens Energi (100% owned by Municipality of Boden) and Teliasonera.
- **COOLING** Different options; Fresh air cooling 12 months per year, water cooling
Distance to Lule river is approximately 300 meters. Received permission to take water for cooling from the river.

Boden, The River Bank Power & Fiber infrastructure

Fiber & Power phase I, 30 MW



- Power grid 40 kV
- - - - - New feeders to substation and site, redundant
- New substation
- . - . - Black fiber grid
- - - - - New fiber connection to site

Power phase II, 80 MW



- Power grid 145 kV
- - - - - New feeders to substation and site, redundant
- New substation