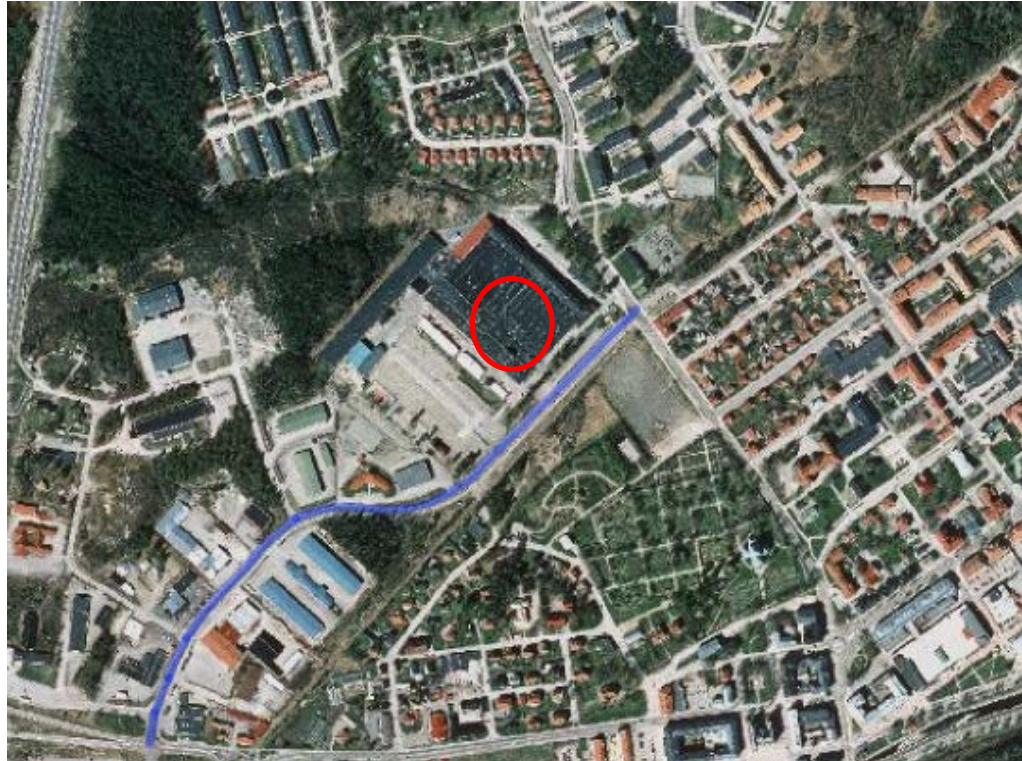




ESTABLISH IN SWEDEN

A COLLABORATION BETWEEN SÖDERHAMN MUNICIPALITY
AND PROPERTY OWNERS IN SÖDERHAMN

BJÖRNÄNGE, SÖDERHAMN



A COLLABORATION BETWEEN SÖDERHAMN MUNICIPALITY
AND PROPERTY OWNERS IN SÖDERHAMN



BJÖRNÄNGE, SÖDERHAMN

OWNER	FastPartner AB, Box 1226, 801 36 Gävle.
LOCATION SITE	Söderhamn, country of Gävleborg, 240 km (2hour by train) north of Stockholm. Coordinates WGS 84 decimal (lat, lon):61.306456, 17.044559
CHARACTERISTICS	Developed land zoned for industrial use Existing building 25 000 m ² and new building area 20 000 m ² .
CLIMATE	Average temperature per year 5°C. Average number of days per year with max temperature >25°C is 11.
POWER	Phase I: Load to site 4 MW, 10 kV Phase II: Load to site 10 MW within 6 months from order Existing substation inside the site and locate 10kV-cables from existing main substation, about 250m Phase III: Load to site 30MW within 1-2 year. New transformer 30MW in main substation, 10kV cables to substation.
CONNECTIVITY	Redundant dark fiber from two different directions inside the site with more possible providers. One of the fiber providers is Söderhamn NÄRA AB.
COOLING	By air or sea water within 2 km.



BJÖRNÄNGE, SÖDERHAMN

Power & Fiber infrastructure

Fiber & Power phase I, 4 MW



Fiber & Power phase II, 8-10 MW



- Power grid 10 kV
- - - - - New feeders to substation and site, redundant
- New/existing substation
- · - · - Black fiber grid
- · - · - New fiber connection to site

- Power grid 10 kV
- - - - - New feeders to substation and site, redundant
- New/existing substation
- New feeders 250m to reach 8-10 MW
- · - · - Black fiber grid
- · - · - New fiber connection to site

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BJÖRNÄNGE, SÖDERHAMN

Power & Fiber infrastructure

Fiber & Power phase III, 30 MW



- Power grid 10 kV
- - - - - New feeders to substation and site, redundant
- New/existing substation
- More new feeders 250m to reach 30 MW and a new transformer 130/10kV
- · - · - Black fiber grid
- · - · - New fiber connection to site

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