



ESTABLISH IN SWEDEN

A COLLABORATION BETWEEN SÖDERHAMN MUNICIPALITY
AND PROPERTY OWNERS IN SÖDERHAMN

Bergvik Flooring Facility, Söderhamn

The Bergvik Flooring Facility includes both existing buildings and land available for development, with potential for fresh water cooling.



SITE
COORDINATES
longitude: 61.153
latitude: 16.474



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Owner

Bergvik Flooring AB (private company)

Location

Söderhamn, County of Gävleborg, 240 km (2 hours by speed train) north of Stockholm.

Google Earth Coordinates: 61° 15' 28" N 16° 47' 40" E

Total/buildable size

Total land area 120 100 m², existing building is 6 000 m². No restrictions in plan for buildable area.

Site characteristics

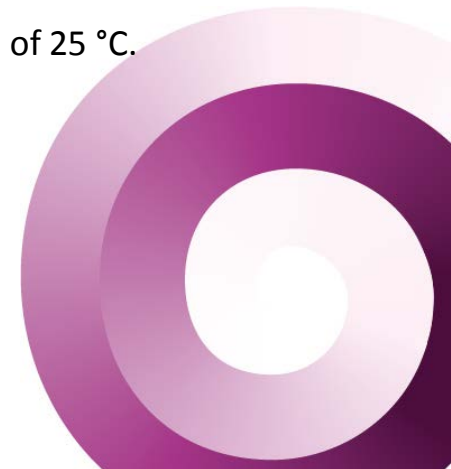
Partly developed land zoned for industrial use. The site is adjacent to Lake Bergviken which can provide water cooling.

Site access

The Bergvik Flooring Facility is situated 15 km (18 minutes) from the E4 European Highway and 17 km from central Söderhamn. The site is around 210 km (just over 2 hours) from Stockholm-Arlanda International Airport and 260 km (2.5 hours) north of Stockholm.

Climate

The average annual temperature is 5 °C. 11 days on average each year with a temperature of 25 °C.



Power

Green Power from Hydropower Plant 2 km downstream. Alternative power from main power grid.

Phase I: Load to the site of 2,5 MW, 10 kV

Phase II, alt 1 : Load to the site of 5 MW within 6 months. This would involve building a new substation close to the site and connecting 10 kV-cables from the existing main substation (about 2.3 km from the site).

Phase II, alt 2 : Load to the site of 25 MW within 2 years. This would involve building a new substation close to the site and connecting 70 kV-cables from the existing main substation (about 2.3 km from the site).

Connectivity

There is redundant dark fiber to the site from two different directions, including an established connection and another 1.7 km from the site. Söderhamn NÄRA AB provides the site with fiber. A third connection is possible within 2-3 years, provided by Trafikverket (the Swedish Transport Administration).

Cooling

Free cooling from freshwater (lake Bergviken, part of river Ljusnan). Year around water temperature is 4°C. Cooling by air also an option (see climate above).

Water and wastewater

The site is connected to the municipal water and wastewater systems.

Incentives

Söderhamn is located in regional development area B, in which businesses can apply for regional investment grants and regional employment grants to finance start-up and growth.



Power & fiber infrastructure

Fiber & Power phase I, 2.5 MW



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



Power & fiber infrastructure

Fiber & Power phase II, 5 MW, alt 1

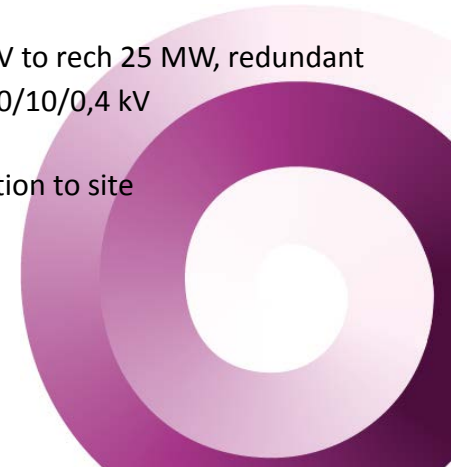


- Power grid 10 kV
- - - - - New feeders 10 kV to rech 5 MW, redundant
- New substation 10/0,4 kV
- . - . - Black fiber grid
- . - . - New fiber connection to site

Fiber & Power phase II, 25 MW, alt 2



- Power grid 10 kV
- - - - - New feeders 70 kV to rech 25 MW, redundant
- New substation 70/10/0,4 kV
- . - . - Black fiber grid
- . - . - New fiber connection to site





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