

Finland / Site / Published revision 1

Polarnode Kuopio Mustakorpi data center

≈250 MW · Unspecified power

Potential ultimate Mustakorpi campus across phases

Also known as: Polarnode Kuopio · Mustakorpi data center

Development status: planned

Planned Mustakorpi campus in southern Kuopio, between Hiltulanlahti and Pellesmäki. Polarnode reports approximately 50 MW for the first phase and potentially 250 MW across later phases, without identifying IT load. The city approved a planning reservation in December 2025; an investment decision and construction start have not been established.

Last researched: 2026-10-07 | Last verified: Not independently verified

Tracked dataset only. Unknown values are not zero. Evidence dates and measurement definitions must be considered when comparing sites.

Site photographs

No approved property photo available.

Site profile

Field	Published information
Operator	Polarnode Oy (developer and prospective operator) [1] [3]
Owner	Unknown
Business model	unknown
Scale	unknown
Country	Finland [2] [5]
State / region	Pohjois-Savo [4]
Metro area	Unknown
City / locality	Kuopio [1] [3]
Address	Unknown
Coordinates	Unknown · area precision. Mustakorpi, between Hiltulanlahti and Pellesmäki; municipal reservation identifies portions of five properties. No sourced facility point or street address established.
Parent	Not assigned

Capacity evidence

Do not add these claims together. IT load, facility power, grid connection and unspecified power are different measurements. Cumulative and incremental scopes remain separate.

Measurement	Development scope	Evidence / accounting
≈50 MW Unspecified power	First phase of Mustakorpi campus planned · incremental	[2] reported · 2025-12-10 Excluded from totals. As of announcement publication. Described as planned design capacity; IT versus facility power is unspecified. Included within potential campus total.
≈250 MW Unspecified power	Potential ultimate Mustakorpi campus across phases planned · cumulative	[1] reported · 2025-12-03 Excluded from totals. As of announcement publication. Upper-end expansion potential conditional on the electrical grid; enum lacks an upper-bound qualifier. Not established as IT load or secured power.
250 MW Grid connection	Maximum available grid capacity advertised for Kuopio project planned · unclear	[5] reported · 2026-10-07 Excluded from totals. As of retrieval of search-indexed undated project page, not a publication or utility commitment date. Exact reflects displayed numeral; maximum capacity is an upper bound. Likely overlaps campus potential and must not be added to other claims.

Development timeline

2025-12-03 · announcement · Mustakorpi project preparation announced

Planning reservation was being prepared ahead of a future investment decision. [1]

2025-12-10 · actual decision · Planning reservation approved

Municipal board unanimously approved reservation for Polarnode Oy on behalf of the proposed Polarnode Kuopio Oy. [3]

2026 spring · planned · Zoning preparation target

Announcement scheduled preparation for spring 2026; completion or actual start not established here. [2]

2027 · planned · Construction-ready target

Target readiness for construction, not an operational opening date. [2]

2028 · planned · Advertised time to power

Undated search-indexed project page lists 2028; connection delivery is unconfirmed. [5]

Disclosed specifications

Project land area: Approximately 32 hectares

Reservation area; may change during zoning. Not building floor area. [3]

Reserved property portions: Nurkkala 297-411-3-94; Korvensyrjä 297-411-3-89; Heinjoki 297-411-32-2; Vehmaskorpi 297-411-3-131; Kuusikko 297-411-3-33

Planning reservation covers portions of these city-owned properties, not necessarily entire parcels. [3]

Landowner: City of Kuopio

Land ownership evidence does not establish ownership of a future facility. [1]

Project company relationship: Polarnode Kuopio Oy

Municipal decision names the proposed entity on whose behalf Polarnode Oy receives the reservation; final corporate ownership not established. [3]

Infrastructure availability advertised: Connectivity, water and sewerage access, waste-heat utilisation available to site

Index-only operator claims. Municipal record identifies electricity supply and district-heating development as matters to investigate; installed or commissioned infrastructure is not demonstrated. [5]

Public business contact: info@polarnode.fi

General company contact, not a facility address. [1]

Research gaps

- Street address and facility coordinates
- Final campus and building ownership
- Final operating entity, business model and tenants

- Investment decision and construction commencement
- IT load and contracted grid connection
- Building layout and phase boundaries

Sources and field evidence

Attribution does not establish independent verification or permission to reuse images. URLs refer to public evidence.

[1] Polarnode prepares new data center project in Kuopio

<https://www.polarnode.fi/polarnode-prepares-new-data-center-project-in-kuopio/>

Published: 2025-12-03 · Retrieved: 2026-10-07

Developer identifies a planned Mustakorpi campus in Kuopio on city-owned land between Hiltulanlahti and Pellesmäki, with approximately 50 MW initially and potential expansion to 250 MW; future investment decision.

[2] Polarnode Plans Major Data Centre Project in Kuopio's Mustakorpi Area

<https://www.polarnode.fi/polarnode-plans-major-data-centre-project-in-kuopios-mustakorpi-area/>

Published: 2025-12-10 · Retrieved: 2026-10-07

Developer reports signed reservation, about 32 hectares, planned phase capacities, spring 2026 zoning preparation and a 2027 construction-ready target.

[3] Kaupunkirakennelautakunta Pöytäkirja 10.12.2025/Pykälä 236

<https://kuopio.oncloudos.com/cgi/DREQUEST.PHP?id=2025635-12&page=meetingitem>

Published: 2025-12-10 · Retrieved: 2026-10-07

Unanimous approval of a planning reservation for Polarnode Oy on behalf of the proposed Polarnode Kuopio Oy; identifies five city-owned properties and notes electricity and district-heating arrangements require investigation.

[4] Tietoa Pohjois-Savosta

<https://www.pohjois-savo.fi/etusivu/tietoa-pohjois-savosta.html>

Published: Unknown · Retrieved: 2026-10-07

Regional council lists Kuopio among Pohjois-Savo municipalities; displayed content check date is 2025-09-07.

[5] Kuopio — Polarnode project page

<https://www.polarnode.fi/project/kuopio/>

Published: Unknown · Retrieved: 2026-10-07

Search-indexed operator page lists Kuopio, Finland, 32 hectares, permitting ongoing, maximum available grid capacity 250 MW and time to power 2028. Direct page opening repeatedly returned an internal error; details are index-only evidence.

[6] Alueellinen suhdannekatsaus — INFRA Savo-Karjala

<https://rt.fi/wp-content/uploads/2026/03/INFRA-Savo-Karjala-2026-SuhKa.pdf>

Published: 2026-03-10 · Retrieved: 2026-10-07

Pohjois-Savo project table places Polarnode Kuopio in the planned data-center column.

[7] Etelä-Kuopioon kaavaillaan mittavaa datakeskusta - keskus tulisi vanhan viitostien kupeeseen

<https://yle.fi/a/74-20197630>

Published: 2025-12-03 · Retrieved: 2026-10-07

Yle locates Mustakorpi between the motorway and old highway five, between Hiltulanlahti and Pellesmäki; its accompanying illustration is a locator map.

- Name: [1] [2]
- Aliases: [1] [6]
- Kind: [1] [2]
- Country: [2] [5]
- Region: [4]
- City: [1] [3]
- Operator: [1] [3]
- Statuses: [2] [6]
- Location: [1] [3] [7]
- Summary: [1] [2] [3] [6]
- Stable identifier: 646b95ef-ab5f-423c-80b0-65f9eaf6b86d