

Finland / Site / Published revision 1

Microsoft Espoo Hepokorpi data center

≈173 MW · Unspecified power

Ultimate Hepokorvenkallio project described in 2023 EIA requirement decision

Also known as: Espoon datakeskus · Hepokorvenkallio data centre

Development status: under construction, planned

Microsoft cloud campus in Hepokorpi, Högnäs, Espoo, forming part of its Finland data-center region alongside Kirkkonummi and Vihti. Construction is underway, with further phases permitted. The 2024 EIA assessed approximately 173 MW of IT capacity across four buildings; subsequent permitting describes HEL16, HEL17 and HEL18 and approximately 60 MW of electrical capacity for HEL16. Initial operation is expected around 2027, subject to commissioning.

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	Microsoft [7]
Owner	Microsoft 3465 Finland Oy [3] [4]
Business model	owner operated [2] [7]
Scale	unknown
Country	Finland [2] [8]
State / region	Unknown
Metro area	Helsinki metropolitan area [2] [8]
City / locality	Espoo [3] [4]
Address	Hepokorvenkaari 1, Espoo, Finland [4] [5]
Coordinates	Unknown · unknown precision. Property identified through municipal address and operator street references; no independently corroborated geographic point 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
≈173 MW Unspecified power	Ultimate Hepokorvenkallio project described in 2023 EIA requirement decision planned · cumulative	[10] reported · 2023-01-11 Excluded from totals. As-of is the government decision date. Document states a maximum 173 MW project; electrical basis is unspecified. Overlaps the later EIA IT claim and must not be added to it.
≈60 MW Unspecified power	HEL16 operation described in environmental permit application planned · unclear	[4] reported · 2025-03-20 Excluded from totals. As-of is municipal consultation date. Source calls this electrical capacity of the functions; it does not establish IT load versus total facility input. Do not add to the campus claim.

Development timeline

2023-12-13 · announcement · Municipal land sale announced

City reports approximately 21.6 hectares sold to Microsoft 3465 Finland Oy. [3]

2025-10-07 · actual_permit · HEL16 environmental permit issued

Permit recorded in the municipal meeting of 30 October 2025; permission is not evidence of commissioning. [5]

2026-04-28 · announcement · Second-phase investment confirmed

Microsoft confirms second-phase construction decision for all three Finland campuses. [2]

2026-05 · actual_construction_update · Second building beginning

Operator reports construction progressing and second-building work beginning. [1]

2026-06-11 · actual_permit · Third-phase building permission granted

City grants permission for the third phase and early commencement of construction. [6]

2027 · planned_operation · Initial operation expected

City anticipates operation around 2027; operator has not announced an actual commissioning date. [7]

Disclosed specifications

Land purchased: Approximately 21.6 hectares

Municipal sale area; not necessarily the complete campus footprint. [3]

Assessed project footprint: Approximately 28 hectares; four data-center buildings

2024 EIA indexed text only; direct PDF access failed. Later permits describe three buildings, so this is historical assessed scope. [9]

Historical project area: Approximately 40 hectares

Two-part project area in January 2023 decision; scope differs from purchased land and later EIA area. [10]

Building identifiers: HEL16, HEL17, HEL18

Three buildings described by 2025 permit records; retained within one campus candidate. [5]

Waste-heat recovery: Fortum district-heating integration planned from 2027

Operating Fortum heat plants initially use ambient air and electric boilers; this does not establish data-center operation. Regional heat percentages and heat-plant MW are not data-center electrical capacities. [8]

Main contractor: Winthrop Technologies Finland Oy

Identified by operator construction updates. [1]

Public project contact: dcsuomi@microsoft.com

Published operator project mailbox; no contact made. [1]

Research gaps

- Corroborated campus coordinates and boundaries
- Current ultimate IT capacity after changes from four assessed buildings to three permitted buildings
- Relationship between 173 MW campus IT capacity and HEL16 electrical capacity
- Actual commissioning dates and operational capacity

- Complete current building and land areas
- Rack counts, density, cooling design, PUE, water consumption, carriers and certifications
- Reusable property photographs and their licensing

Sources and field evidence

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

[1] Espoo datacenter project updates

<https://local.microsoft.com/blog/espoo-datacenter-project-overview/>

Published: Unknown · Retrieved: 2026-10-07

Rolling operator updates: May 2026 reports construction progressing and the second building beginning; identifies Hepokuja 2 as an event location and Hepokorventie as site access. September 2024 notice schedules earthworks.

[2] Microsoft käynnistää pääkaupunkiseudun datakeskusalueen toisen vaiheen rakentamisen

<https://news.microsoft.com/source/emea/2026/04/microsoft-kaynnistaa-paakaupunkiseudun-datakeskusalueen-toisen-vaiheen-rakentamisen/?lang=fi>

Published: 2026-04-28 · Retrieved: 2026-10-07

Microsoft confirms second-phase investment across Espoo, Kirkkonummi and Vihti; first-phase construction expected to finish around the 2026–2027 year boundary, followed by commissioning preparations. Cloud and AI services are the intended use.

[3] Espoo sold land in Hepokorpi to Microsoft for data centre project

<https://www.espoo.fi/en/news/2023/12/espoo-sold-land-hepokorpi-microsoft-data-centre-project>

Published: 2023-12-13 · Retrieved: 2026-10-07

City reports sale of approximately 21.6 hectares in Hepokorvenkallio, Högnäs, to Microsoft 3465 Finland Oy; site lies along Ring III.

[4] Ympäristö- ja rakennuslautakunta 20.03.2025 §49

<https://espoo-sv.oncloudos.com/cgi/DREQUEST.PHP?id=20251396-16&page=meetingitem>

Published: 2025-03-20 · Retrieved: 2026-10-07

Municipal permit consultation identifies applicant-owned property at Hepokorvenkaari 1, buildings HEL16–HEL18, and approximately 60 MW electrical capacity for the HEL16 application.

[5] Ympäristö- ja rakennuslautakunta 30.10.2025 §141

<https://espoo-sv.oncloudos.com/cgi/DREQUEST.PHP?id=20251535-5&page=meetingitem>

Published: 2025-10-30 · Retrieved: 2026-10-07

Records environmental permit issued 7 October 2025 for HEL16; describes three buildings and phased construction and commissioning during 2026–2028.

[6] Hepokorven datakeskuksen kolmannelle vaiheelle rakennuslupa

<https://www.espoo.fi/fi/uutiset/2026/06/ymparisto-ja-rakennuslautakunta-hepokorven-datakeskuksen-kolmannelle-vaiheelle-rakennuslupa>

Published: 2026-06-12 · Retrieved: 2026-10-07

City reports third-phase building permission granted 11 June 2026; earlier two phases on the northern plot are permitted and construction is underway.

[7] The Hepokorpi Project: Data center supporting Espoo's Carbon-Neutral Future

<https://www.espoo.fi/en/articles/hepokorpi-project-data-center-supporting-espoos-carbon-neutral-future>

Published: 2026-06-05 · Retrieved: 2026-10-07

City identifies Microsoft as developer and operator, Fortum as heat-recovery partner, and initial operation expected around 2027 within the wider three-campus region.

[8] Fortum has started heat production at two large data centre sites in Finland

<https://www.fortum.com/media/2026/05/fortum-has-started-heat-production-two-large-data-centre-sites-finland>

Published: 2026-05-06 · Retrieved: 2026-10-07

Hepokorpi and Kolabacken heat plants are operating using ambient-air heat pumps and electric boilers; Microsoft waste-heat integration is expected to begin in phases in 2027.

[9] Espoon datakeskus - Ympäristövaikutusten arviointi

https://www.ymparisto.fi/sites/default/files/documents/Microsoft_Espoo_datak_YVA_Selostus_20240129_0.pdf

Published: Unknown · Retrieved: 2026-10-07

Public indexed original-source text reports approximately 173 MW IT capacity, approximately 28 hectares and four buildings in the assessed alternative. Direct PDF opening failed; document date supplied by lead was not independently confirmed.

[10] EIA requirement decision UUELY/6968/2022

https://www.ymparisto.fi/sites/default/files/documents/Microsoft%203465%20Finland%20Oy,%20Hepokorvenkallion%20datakeskus,%20Espoo_0_0.pdf

Published: 2023-01-11 · Retrieved: 2026-10-07

Opened government PDF describes a planned maximum 173 MW project and an approximately 40-hectare two-part project area north of Ring III between Hepokorpi and Tollinmäki; capacity basis is unspecified.

[11] Changes to traffic arrangements in Hepokorpi

<https://www.espoo.fi/en/news/2026/09/changes-traffic-arrangements-hepokorpi>

Published: 2026-09-30 · Retrieved: 2026-10-07

Recent city update confirms Microsoft construction traffic uses Hepokorventie and Hepokorvenkaari and discusses continuing temporary arrangements.

Name: [1] [3]

Aliases: [9] [3]

Kind: [2] [6]

Country: [2] [8]

City: [3] [4]

Metro: [2] [8]

Address: [4] [5]

Operator: [7]

Owner: [3] [4]

Business Model: [2] [7]

Statuses: [1] [6] [11]

Summary: [2] [4] [7] [9]

Location: [1] [4] [10]

Stable identifier: 9678aa7d-5133-41a7-9e4d-67e341028fb0