

Nordic Data Center Construction Market - Industry Outlook & Forecast 2024-2029

Market Report | 2024-06-05 | 326 pages | Arizton Advisory & Intelligence

AVAILABLE LICENSES:

- Single User License \$5500.00
- Team License \$6500.00
- Enterprisewide \$7500.00

Report description:

The Nordic data center construction market is expected to grow at a CAGR of 9.17% from 2023-2029. KEY TRENDS

The Surge in 5G Connectivity in Edge Data Center Investments

-[The swift adoption of 5G technology has led to a surge in data generation, driving increased investments in edge data centers. Edge computing, facilitated by seamless 5G connectivity, distributes computing resources closer to data sources, reducing the burden on centralized data centers. Notably, the low latency and increased capacity of 5G technology enables efficient data processing, fostering the development of smart cities and connected infrastructure.

-[Denmark boasts a robust 99.3% 5G coverage, showcasing impressive connectivity speeds and low latency. Initiatives, including the 5G award program, demonstrate a commitment to technological advancements, which catalyze the increased construction of edge data centers.

-[Norway's progress in 5G deployment, reaching 82% household coverage, reflects a transformative impact on local networks, fostering innovations and sustainable growth in the telecom industry. Norway is poised for continued expansion in edge data center constructions owing to the fact that Norwegian operators are testing their own 5G networks and carrying out initiatives such as shutting down copper networks in favor of fiber optics.

-[]Sweden's leadership in global mobile download speeds and ambitious 5G innovation programs has solidified its position as a 5G adopter. The extensive 5G network coverage and innovative services create a conducive environment for the rising construction of edge data centers. Collaborations between telecom companies and technology providers, such as Telia's partnership with Ericsson, aim to accelerate 5G adoption and industry transformation, enhancing Sweden's international competitiveness. -[]These developments underscore the relationship between 5G technology and edge computing, setting the stage for accelerate growth and the construction of edge data centers in the Nordic data center construction market.

Awareness of Carbon Neutrality

- Denmark, relying on renewable sources for 75% of its power needs, showcases its commitment through initiatives such as Prime Denmark's sustainable expansion using 100% renewable energy and biofuel backup generators (implemented as of July 2023). - Norway attracts international clients with its high proportion of renewable energy; for instance, in January 2023, ByteDance partnered with Green Mountain to build a data center that operates exclusively on renewable energy.

-[In November 2022, Volkswagen AG collaborated with Green Mountain, a CO?-neutral data center operator in Norway, to achieve net carbon neutrality by 2027. Similarly, in January 2023, ByteDance decided to achieve carbon-neutral operations by 2030, leading to collaborations with Green Mountain for a data center in Norway.

-[Initiatives, such as the atNorth Power Purchase Agreement (PPA) in Iceland, signed in July 2023, and Google's cloud region in Norway, powered entirely by renewable energy and launched in November 2022, highlight investments in renewable energy infrastructure; this is contributing to a more resilient and sustainable data center landscape in the Nordic data center construction market.

High Adoption of Artificial Intelligence (AI)

-[Al National Strategies and Innovation Ecosystems (2019-2021): Countries including Sweden, Denmark, and Norway have developed national strategies to promote Al innovation and growth. The Al market in Sweden is projected to exceed USD 10 billion by 2030, while Denmark focuses on responsible Al leadership and fostering innovation-friendly environments. Norway's Al National Strategy, launched in January 2020, aims to strengthen industries, such as energy and healthcare, with Al technologies; this strategy is supported by initiatives such as the Norwegian Open Artificial Intelligence Lab (NAIL).

-[The increasing demand for AI, big data analytics, and cloud computing drives the Nordic data center construction market. For instance, Sweden and Finland actively promote themselves as data center hotspots, offering incentives such as tax breaks and expedited permitting processes. Additionally, in June 2022, Linkoping University in Sweden announced its plan to host the Arrhenius supercomputer, reflecting the region's commitment to advancing data center infrastructure.

-[Collaborations between industry players and the government and thriving start-up ecosystems further accelerate the Nordic region's AI growth. In June 2022, Denmark's Nyt Hospital Nordsj?lland (NHN) project utilized AI to save costs. AI startups, such as Veo, Corti, and Huddly, are leveraging AI solutions to address the various industry challenges across the region.

Growth in the District Heating Systems

-[Nordic countries, including Sweden, Norway, and Denmark, mandate heat reuse by data centers, promoting sustainability. For example, in 2022, Stack Infrastructure connected its Oslo data center to district heating, benefiting 5,000 homes. Furthermore, the 2023 expansion of Conapto in Stockholm led to using renewable energy and district heating. On the other hand, Prime is planning a sustainable campus in Denmark.

- In 2023, Johnson Controls acquired Hybrid Energy AS in Norway; in 2022, Elisa collaborated with Helen in Finland to utilize waste heat produced by data centers. These partnerships and initiatives highlight the industry's efforts to augment district heating and repurpose waste heat to benefit communities.

- Hyperco's expansion in Finland in 2022 and Green Mountain's plans in Norway in the same year signify continued growth. Both projects integrated waste-heat re-usage, supporting the local district heating networks and sustainability goals. SEGMENTATION INSIGHTS

- The emergence of microgrids and on-site power generation systems has led to increased energy storage and sustainable energy, thereby leading to increased savings and improved resiliency. The surge in carbon emissions is a major challenge for data centers. Fuel cells are being installed to improve the efficiency of data centers and overcome the challenges associated with carbon emissions. Fuel cells can support significant energy loads for reliability, safety, stability, and reduced costs. - Adopting Uninterruptible Power Supply (UPS) systems is a key driver, particularly in the Nordic data centers, where lithium-ion batteries are gaining traction for backup power.

The European market for UPS systems, dominated by key providers, favors systems with capacities ranging from 500 kVA to

1,000 kVA. Smart-grid UPS systems, featuring smaller footprints and high efficiency, are becoming prevalent and aligning with the rising adoption of renewable energy.

- Diesel Rotary Uninterruptible Power Supply (DRUPS) systems are gaining popularity in the generator market, driven by their combination of battery and flywheel UPS topology.

- The integration of intelligent controls addresses maintenance challenges. Hydrogen Vegetable Oil (HVO) is emerging as a sustainable biofuel option that contributes to carbon reduction.

-[As the data center landscape evolves, the integration of edge data centers influences UPS procurement, especially with capacities below 500 kVA. Monitored and intelligent/switched PDUs gain traction in Europe for end-to-end power monitoring. -[]The abundant renewable power sources, particularly wind power and favorable colder climates, position the Nordic countries as ideal for extensive free cooling. These nations offer at least 4,000 hours of annual free cooling, fostering increased methods such as air/water-side economizers and indirect evaporative coolers.

- Modern data centers are increasingly aligning their constructions with industry standards. The ASHRAE data center cooling guidelines and Uptime Institute's Tier standards are becoming integral.

The report includes the investment in the following areas:

- Facility Type o
Colocation Data Centers o[Hyperscale Data Centers o∏Enterprise Data Centers -∏Infrastructure o
Electrical Infrastructure o∏Mechanical Infrastructure o
General Construction - Electrical Infrastructure o
UPS Systems o[]Generators o
Transfer Switches & Switchgear o∏PDUs on Other Electrical Infrastructure Mechanical Infrastructure o
Cooling Systems o ⊓Racks o
Other Mechanical Infrastructure - Cooling Systems o CRAC and CRAH Units o
Chillers Units o[Cooling Towers, Condensers, and Dry Coolers o
 Economizers & Evaporative Coolers o∏Other Cooling Units - Cooling Techniques o[Air-based Cooling o∏Liquid-based Cooling General Construction o
Core & Shell Development onInstallation & Commissioning Services o
Engineering & Building Design

o
Physical Security
o
Fire Detection & Suppression
o
DCIM/BMS Solutions
Tier Standards
o
Tier I & Tier II
o
Tier III
o
Tier IV

GEOGRAPHICAL ANALYSIS

-[]Sweden maintained a steady increase in data center area; the country is estimated to reach 312 thousand square feet in 2029 and account for a power capacity expansion from 51 MW in 2023 to 69 MW in 2029. Sweden is attracting global players, such as Amazon Web Services (AWS), Google, and Microsoft Azure, as the country accounts for favorable incentives for businesses and strategic investments, including the Digital Transformation Infrastructure Plan. Stockholm dominates as an investment destination, with emerging markets poised for growth, including Ostersund and Avesta.

- Denmark holds a significant position in the Nordic data center construction market, with a steady increase in area and power capacity and the surging of investments to USD 530 million in 2023; this highlights the commitment to infrastructure expansion. The Denmark data center construction market has surged recently, attracting major tech players, including Facebook, Google, and Apple. The country's access to renewable energy, exemplified by projects like the Havfrue submarine cable, has bolstered its reputation as a top-tier digital hub. Aligning with its 2020-2030 digital industry plan, Denmark aims to become a leading Nordic and pan-European data center hub, integrating centers into the district heating system and promoting energy efficiency. -DNorway experienced significant investment growth, reaching USD 620 million in 2023, and recording the expansion initiatives in area and power capacity to accommodate the rising data demands. Initiatives, including the data center strategy and enhanced data protection laws, bolster industry growth, attracting cloud service providers such as IBM, Amazon Web Services (AWS), Google, and Microsoft Azure.

Geography

-[Nordic o[Denmark o[Norway o[Sweden o[Finland o[Iceland

VENDOR LANDSCAPE

-[ABB, Alfa Laval, Carrier, Caterpillar, and Cummins are the key players in the Nordic data center construction market. ABB offers comprehensive solutions, including automation, while Alfa Laval specializes in cooling. Carrier provides innovative cooling and heating solutions, Caterpillar offers integrated power systems, and Cummins focuses on power generation and monitoring. Their combined expertise ensures reliable and efficient data center operations.

- [Arup, Coromatic (E.ON), Caverion, Cowi, and Designer Group are prominent Nordic data center construction contractors. - [Arup contributed around USD 360 million of construction services to Equinix data centers across Europe, prioritizing sustainability and safety in the post-COVID-19 era.

-]]Key Data Center Support Infrastructure Providers o]]ABB

o[]Alfa Laval o
Carrier o[]Caterpillar o
Cummins o[]Eaton o HITEC Power Protection o

Legrand o[]NetNordic o
Reillo Elettronica (Riello UPS) o∏Rittal o[Rolls-Royce Power Systems o
Schneider Electric o
Socomec o∏STULZ o[]Trane Technologies (Ingersoll Rand) o∏Vertiv - Prominent Construction Contractors o[]Arup o[Coromatic (E.ON) o
Caverion o∏COWI o
Designer Group o
 Ethos Engineering o∏RED o∏Dornan o∏EXYTE (M+W GROUP) o
Gottlieb Paludan Architects o
Granlund Group o[]MT Hojgaard o[]Mace Group o∏ISG o[]Sweco

```
o∏Ramboll Group
o∏YIT
```

o[]Mercury

- Prominent Data Center Investors

o[Apple o[AQ Compute o[atNorth (Partners Group) o[Bahnhof o[DigiPlex (IPI Partners) o[Digital Realty o[EcoDataCenter o[Equinix

o Green Mountain o Hyperco o Lefdal Mine Datacenter o Orange Business Services o STACK Infrastructure o Verne Global o Google o Meta (Facebook) o Microsoft

KEY QUESTIONS ANSWERED:

1. How big is the Nordic data center construction market?

- 2. What is the estimated market size in terms of area in the Nordic data center construction market by 2029?
- 3. What are the key trends in the Nordic data center construction market?
- 4. What is the growth rate of the Nordic data center construction market?
- 5. How many MW of power capacity is expected to reach the Nordic data center construction market by 2029?

Table of Contents:

- 1. REPORT COVERAGE
- 1.1. WHAT'S INCLUDED
- 1.2. SEGMENTAL COVERAGE
- 1.2.1. Market Segmentation by Facility Type
- 1.2.2. Market Segmentation by Infrastructure
- 1.2.3. Market Segmentation by Electrical Infrastructure
- 1.2.4. Market Segmentation by Mechanical Infrastructure
- 1.2.5. Market Segmentation by Cooling System
- 1.2.6. Market Segmentation by Cooling Techniques
- 1.2.7. Market Segmentation by General Construction
- 1.2.8. Market Segmentation by Tier Standards
- 2. MARKET AT A GLANCE
- 3. PREMIUM INSIGHTS
- 3.1. MARKET OVERVIEW
- 3.2. KEY TRENDS
- 3.2.1. The surge in 5G connectivity in edge data center investments
- 3.2.2. Awareness of carbon neutrality
- 3.2.3. High adoption of Artificial Intelligence (AI)
- 3.2.4. Growth in district heating systems
- 3.3. SEGMENTATION ANALYSIS
- 3.4. GEOGRAPHICAL ANALYSIS
- 3.5. VENDOR ANALYSIS
- 4. INTRODUCTION
- 4.1. HISTORICAL MARKET OVERVIEW
- 4.2. DATA CENTER DESIGN CERTIFICATIONS
- 4.2.1. Uptime Institute Tier Standards
- 4.2.2. LEED certification
- 4.2.3. TIA 942 certification

- 5. MARKET OPPORTUNITIES & TRENDS
- 5.1. INCREASE IN EDGE DATA CENTER INVESTMENTS DUE TO 5G DEPLOYMENTS
- 5.2. GROWTH IN DISTRICT HEATING SYSTEMS
- 5.3. GROWTH IN ARTIFICIAL INTELLIGENCE
- 5.4. GOVERNMENT SUPPORT FOR DATA CENTER DEVELOPMENT
- 5.5. INNOVATIVE DATA CENTER CONSTRUCTION TECHNIQUES
- 6. MARKET GROWTH ENABLERS
- 6.1. CARBON NEUTRALITY AWARENESS
- 6.2. ADOPTION OF CLOUD-BASED SERVICES
- 6.3. INCREASE IN SUBMARINE CABLE CONNECTIVITY
- 6.4. ADOPTION OF FREE COOLING SYSTEMS BY DATA CENTERS
- 7. MARKET RESTRAINTS
- 7.1. LACK OF SKILLED WORKFORCE
- 7.2. CYBERSECURITY ISSUES HAMPERING DATA CENTER INVESTMENTS
- 7.3. SUPPLY CHAIN ISSUES IMPACTING THE PROCUREMENT OF DATA CENTER CONSTRUCTION MATERIALS
- 8. MARKET LANDSCAPE
- 8.1. INVESTMENT: MARKET SIZE & FORECAST
- 8.2. AREA: MARKET SIZE & FORECAST
- 8.3. POWER CAPACITY: MARKET SIZE & FORECAST
- 8.4. INFRASTRUCTURE: MARKET SIZE & FORECAST
- 9. FACILITY TYPE
- 9.1. MARKET SNAPSHOT
- 9.2. COLOCATION DATA CENTERS
- 9.2.1. Investment: Market Size & Forecast
- 9.2.2. Area: Market Size & Forecast
- 9.2.3. Power Capacity: Market Size & Forecast
- 9.3. HYPERSCALE DATA CENTERS
- 9.3.1. Investment: Market Size & Forecast
- 9.3.2. Area: Market Size & Forecast
- 9.3.3. Power Capacity: Market Size & Forecast
- 9.5. ENTERPRISE DATA CENTERS
- 9.5.1. Investment: Market Size & Forecast
- 9.5.2. Area: Market Size & Forecast
- 9.5.3. Power Capacity: Market Size & Forecast
- 10. INFRASTRUCTURE
- 10.1. MARKET SNAPSHOT
- 10.2. KEY HIGHLIGHTS
- 10.3. ELECTRICAL INFRASTRUCTURE
- 10.3.1. Market Overview
- 10.3.2. Investment: Market Size & Forecast
- 10.4. MECHANICAL INFRASTRUCTURE
- 10.4.1. Market Overview
- 10.4.2. Investment: Market Size & Forecast
- 10.5. GENERAL CONSTRUCTION
- 10.5.1. Market Overview
- 10.5.2. Investment: Market Size & Forecast
- 11. ELECTRICAL INFRASTRUCTURE

11.1. MARKET SNAPSHOT 11.2. UPS SYSTEMS 11.2.1. Market Overview 11.2.2. Investment: Market Size & Forecast 11.3. GENERATORS 11.3.1. Market Overview 11.3.2. Investment: Market Size & Forecast **11.4. TRANSFER SWITCHES & SWITCHGEARS** 11.4.1. Market Overview 11.4.2. Investment: Market Size & Forecast 11.5. PDUS 11.5.1. Market Overview 11.5.2. Investment: Market Size & Forecast **11.6. OTHER ELECTRICAL INFRASTRUCTURE** 11.6.1. Market Overview 11.6.2. Investment: Market Size & Forecast **12. MECHANICAL INFRASTRUCTURE** 12.1. MARKET SNAPSHOT 12.2. COOLING SYSTEMS 12.2.1. Market Overview 12.2.2. Investment: Market Size & Forecast 12.3. RACKS 12.3.1. Market Overview 12.3.2. Investment: Market Size & Forecast 12.4. OTHER MECHANICAL INFRASTRUCTURE 12.4.1. Market Overview 12.4.2. Investment: Market Size & Forecast **13. COOLING SYSTEMS** 13.1. MARKET SNAPSHOT 13.2. CRAC & CRAH UNITS 13.2.1. Market Overview 13.2.2. Investment: Market Size & Forecast 13.3. CHILLER UNITS 13.3.1. Market Overview 13.3.2. Investment: Market Size & Forecast 13.4. COOLING TOWERS, CONDENSERS, and DRY COOLERS 13.4.1. Market Overview 13.4.2. Investment: Market Size & Forecast **13.5. ECONOMIZERS & EVAPORATIVE COOLERS** 13.5.1. Market Overview 13.5.2. Investment: Market Size & Forecast **13.6. OTHER COOLING UNITS** 13.6.1. Market Overview 13.6.2. Investment: Market Size & Forecast **14. COOLING TECHNIQUES** 14.1. MARKET SNAPSHOT 14.2. AIR-BASED COOLING TECHNIQUES

14.2.1. Market Overview 14.2.2. Investment: Market Size & Forecast 14.3. LIQUID-BASED COOLING TECHNIQUES 14.3.1. Market Overview 14.3.2. Investment: Market Size & Forecast **15. GENERAL CONSTRUCTION 15.1. MARKET SNAPSHOT 15.2. CORE & SHELL DEVELOPMENT** 15.2.1. Market Overview 15.2.2. Investment: Market Size & Forecast **15.3. INSTALLATION & COMMISSIONING SERVICES** 15.3.1. Market Overview 15.3.2. Investment: Market Size & Forecast **15.4. ENGINEERING & BUILDING DESIGN** 15.4.1. Market Overview 15.4.2. Investment: Market Size & Forecast 15.5. PHYSICAL SECURITY 15.5.1. Market Overview 15.5.2. Investment: Market Size & Forecast **15.6. FIRE DETECTION & SUPPRESSION** 15.6.1. Market Overview 15.6.2. Investment: Market Size & Forecast 15.7. DCIM/BMS SOLUTIONS 15.7.1. Market Overview 15.7.2. Investment: Market Size & Forecast **16. TIER STANDARDS** 16.1. MARKET SNAPSHOT 16.2. TIER I & TIER II 16.2.1. Market Overview 16.2.2. Investment: Market Size & Forecast 16.3. TIER III 16.3.1. Market Overview 16.3.2. Investment: Market Size & Forecast 16.4. TIER IV 16.4.1. Market Overview 16.4.2. Investment: Market Size & Forecast **17. GEOGRAPHY** 17.1. NORDIC 17.1.1. Market Overview 17.1.2. Investment: Market Snapshot & Growth Engine 17.1.3. Area: Market Snapshot & Growth Engine 17.1.4. Power Capacity: Market Snapshot & Growth Engine 17.1.5. Infrastructure: Market Snapshot & Growth Engine 17.2. DENMARK 17.2.1. Market Overview 17.2.2. Investment: Market Size & Forecast

17.2.3. Area: Market Size & Forecast

17.2.4. Power Capacity: Market Size & Forecast 17.2.5. Market by Infrastructure 17.3. NORWAY 17.3.1. Market Overview 17.3.2. Investment: Market Size & Forecast 17.3.3. Area: Market Size & Forecast 17.3.4. Power Capacity: Market Size & Forecast 17.3.5. Market by Infrastructure 17.4. SWEDEN 17.4.1. Market Overview 17.4.2. Investment: Market Size & Forecast 17.4.3. Area: Market Size & Forecast 17.4.4. Power Capacity: Market Size & Forecast 17.4.5. Market by Infrastructure 17.5. FINLAND 17.5.1. Market Overview 17.5.2. Investment: Market Size & Forecast 17.5.3. Area: Market Size & Forecast 17.5.4. Power Capacity: Market Size & Forecast 17.5.5. Market by Infrastructure 17.6. ICELAND 17.6.1. Market Overview 17.6.2. Investment: Market Size & Forecast 17.6.3. Area: Market Size & Forecast 17.6.4. Power Capacity: Market Size & Forecast 17.6.5. Market by Infrastructure **18. COMPETITIVE LANDSCAPE 18.1. ELECTRICAL INFRASTRUCTURE 18.2. MECHANICAL INFRASTRUCTURE 18.3. GENERAL CONSTRUCTION 18.4. DATA CENTER INVESTORS 19. KEY DATA CENTER SUPPORT INFRASTRUCTURE PROVIDERS** 19.1. ABB 19.1.1. Business overview 19.1.2. Product offerings 19.2. ALFA LAVAL 19.2.1. Business overview 19.2.2. Product offerings 19.3. CARRIER 19.3.1. Business overview 19.3.2. Product offerings 19.4. CATERPILLAR 19.4.1. Business overview 19.4.2. Product offerings 19.5. CUMMINS 19.5.1. Business overview 19.5.2. Product offerings

19.6. EATON 19.6.1. Business overview 19.6.2. Product offerings 19.7. HITEC Power Protection 19.7.1. Business Overview 19.7.2. Product offerings 19.8. LEGRAND 19.8.1. Business overview 19.8.2. Product offerings 19.9. NETNORDIC 19.9.1. Business overview 19.9.2. Product offerings 19.10. RIELLO ELETTRONICA (RIELLO UPS) 19.10.1. Business overview 19.10.2. Product offerings 19.11. RITTAL 19.11.1. Business overview 19.11.2. Product offerings **19.12. ROLLS-ROYCE POWER SYSTEMS** 19.12.1. Business overview 19.12.2. Product offerings **19.13. SCHNEIDER ELECTRIC** 19.13.1. Business overview 19.13.2. Product offerings 19.14. SOCOMEC 19.14.1. Business overview 19.14.2. Product offerings 19.15. STULZ 19.15.1. Business overview 19.15.2. Product offerings 19.16. TRANE TECHNOLOGIES (INGERSOLL RAND) 19.16.1. Business overview 19.16.2. Product offerings 19.17. VERTIV 19.17.1. Business overview 19.17.2. Product offerings 20. PROMINENT CONSTRUCTION CONTRACTORS 20.1. ARUP 20.1.1. Business Overview 20.1.2. Service offerings 20.2. COROMATIC (E.ON) 20.2.1. Business overview 20.2.2. Service offerings 20.3. CAVERION 20.3.1. Business overview 20.3.2. Service offerings 20.4. COWI

20.4.1. Business overview 20.4.2. Service offerings 20.5. DESIGNER GROUP 20.5.1. Business overview 20.5.2. Service offerings 20.6. ETHOS ENGINEERING 20.6.1. Business overview 20.6.2. Service offerings 20.7. RED 20.7.1. Business overview 20.7.2. Service offerings 20.8. DORNAN 20.8.1. Business overview 20.8.2. Service offerings 20.9. EXYTE (M+W GROUP) 20.9.1. Business overview 20.9.2. Service offerings 20.10. GOTTLIEB PALUDAN ARCHITECTS 20.10.1. Business overview 20.10.2. Service Offerings 20.11. GRANLUND GROUP 20.11.1. Business overview 20.11.2. Service offerings 20.12. MT HOJGAARD 20.12.1. Business overview 20.12.2. Service offerings 20.13. MACE GROUP 20.13.1. Business overview 20.13.2. Service offerings 20.14. ISG 20.14.1. Business overview 20.14.2. Service offerings 20.15. SWECO 20.15.1. Business overview 20.15.2. Service offerings 20.16. MERCURY 20.16.1. Business overview 20.16.2. Service offerings 20.17. RAMBOLL GROUP 20.17.1. Business overview 20.17.2. Service offerings 20.18. YIT 20.18.1. Business overview 20.18.2. Service offerings 21. PROMINENT DATA CENTER INVESTORS 21.1. APPLE 21.1.1. Business overview

21.1.2. Service offerings 21.2. AQ COMPUTE 21.2.1. Business overview 21.2.2. Service offerings 21.3. ATNORTH (PARTNERS GROUP) 21.3.1. Business overview 21.3.2. Service offerings 21.4. BAHNHOF 21.4.1. Business overview 21.4.2. Service offerings 21.5. DIGIPLEX (IPI PARTNERS) 21.5.1. Business overview 21.5.2. Service offerings 21.6. DIGITAL REALTY 21.6.1. Business overview 21.6.2. Service offerings 21.7. ECODATACENTER 21.7.1. Business overview 21.7.2. Service offerings 21.8. EOUINIX 21.8.1. Business overview 21.8.2. Service offerings 21.9. GREEN MOUNTAIN 21.9.1. Business overview 21.9.2. Service offerings 21.10. HYPERCO 21.10.1. Business overview 21.10.2. Service offerings 21.11. LEFDAL MINE DATACENTER 21.11.1. Business overview 21.11.2. Service offerings 21.12. ORANGE BUSINESS SERVICES 21.12.1. Business overview 21.12.2. Service offerings 21.13. STACK INFRASTRUCTURE 21.13.1. Business overview 21.13.2. Service offerings 21.14. VERNE GLOBAL 21.14.1. Business Overview 21.14.2. Service offerings 21.15. GOOGLE 21.15.1. Business overview 21.15.2. Service offerings 21.16. META (FACEBOOK) 21.16.1. Business overview 21.16.2. Service offerings 21.17. MICROSOFT

- 21.17.1. Business overview 21.17.2. Service offerings 22. QUANTITATIVE SUMMARY 22.1. NORDIC DATA CENTER CONSTRUCTION MARKET 22.1.1. Investment: Market Size & Forecast 22.1.2. Infrastructure: Market Size & Forecast 22.2. MARKET SEGMENTATION 22.2.1. Electrical Infrastructure: Market Size & Forecast 22.2.2. Mechanical Infrastructure: Market Size & Forecast 22.2.3. Cooling Systems: Market Size & Forecast 22.2.4. Cooling Techniques: Market Size & Forecast 22.2.5. General Construction: Market Size & Forecast 22.2.6. Tier Standards: Market Size & Forecast 22.2.7. Facility Type: Market Size & Forecast by Investment 22.2.8. Facility Type: Market Size & Forecast by Area 22.2.9. Facility Type: Market Size & Forecast by Power Capacity 22.3. MARKET BY GEOGRAPHY 22.3.1. Investment: Market Size & Forecast 22.3.2. Area: Market Size & Forecast 22.3.3. Power Capacity: Market Size & Forecast 22.4. DENMARK 22.4.1. Investment: Market Size & Forecast 22.4.2. Infrastructure: Market Size & Forecast 22.5. NORWAY 22.5.1. Investment: Market Size & Forecast 22.5.2. Infrastructure: Market Size & Forecast 22.6. SWEDEN 22.6.1. Investment: Market Size & Forecast 22.6.2. Infrastructure: Market Size & Forecast 22.7. FINLAND 22.7.1. Investment: Market Size & Forecast 22.7.2. Infrastructure: Market Size & Forecast 22.8. ICELAND 22.8.1. Investment: Market Size & Forecast 22.8.2. Infrastructure: Market Size & Forecast 23. APPENDIX 23.1. LIST OF ABBREVIATIONS 23.2. SITE SELECTION CRITERIA
- 23.3. CURRENCY CONVERSION

tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com



Nordic Data Center Construction Market - Industry Outlook & Forecast 2024-2029

Market Report | 2024-06-05 | 326 pages | Arizton Advisory & Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$5500.00
	Team License	\$6500.00
	Enterprisewide	\$7500.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346. []** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	Phone*	
First Name*	Last Name*	
Job title*		
Company Name*	EU Vat / Tax ID / NIP number*	
Address*	City*	
Zip Code*	Country*	
	Date	2025-05-04
	Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com