

SPACE
NORWAY

Expanding possibilities

Space Norway



Dear Reader,

From its humble beginnings in the 1960s to the present day, the Norwegian space industry has witnessed remarkable development. Space Norway has been an integral part of this journey, evolving into a leading player in Norway's vibrant space sector.

Our clientele spans both international and domestic markets, including commercial and governmental sectors. We deliver high-quality services in satellite communications, earth observation, and terrestrial fibre. Our operations are truly multi-orbit, encompassing LEO, GEO, and HEO satellites. Our motto, "Space Norway. Space for More," reflects the credibility and breadth of our service portfolio.

A significant portion of our business is international. This is evident in our media broadcasting services across the Nordic region and Central Eastern Europe, as well as in our broadband connectivity services to numerous vessels and land-based terminals across Europe, the Middle East, parts of Africa, and the North Atlantic. Soon, our coverage will extend all the way to the North Pole as a result of the successful completion of our ASBM programme.

As a Norwegian company, we also play an important role for the Norwegian authorities. We are proud to support the Norwegian and U.S. Armed Forces with payloads on our two newest satellites, ASBM 1 and ASBM 2. Additionally, we operate satellites on behalf of the Norwegian Coast Guard and collaborate on exciting projects with both commercial and governmental partners.

Space Norway offers a diverse and extensive portfolio of services. Driven by innovation, agility, and expertise, we will continue to pioneer new and exciting projects, harnessing space for communication, security, entertainment, and more.

Morten Tengs
CEO, Space Norway



Photo by: Kilian Munch

About Space Norway

Norway was among the first nations to leverage satellites for the benefit of society. As early as 1974, it established the first domestic satellite system in Western Europe.

Building on this proud legacy of innovation, Space Norway aims to expand its reach and strategically utilise space to protect, explore and enrich our community.

Today, Space Norway is Northern Europe’s leading satellite operator, providing satellite services across the Nordics, Europe, the Middle East, and Africa. Our mission is to provide essential satellite services for broadcasting, data communications, earth observation and fibre connectivity for government, public and commercial sectors.

Our commitment to advancing societies drives us to engage in research and development projects, collaborating closely with leading national and international partners in the space sector.

Space Norway is wholly owned by the Norwegian State and plays a key role in the Norwegian Government’s activities in the space arena.

Space Norway comprises three fully owned subsidiaries: Space Norway Satcom AS, Space Norway HEOSAT AS, Statsat AS, along with a 50 percent ownership in Kongsberg Satellite Services AS (KSAT).

Space Norway. [Space for More.](#)



Unique coverage

Positioned at 1° West, our high-powered THOR satellite fleet delivers premium connectivity across EMEA and the Nordics, extending reliable services up to 79° North. Our two ASBM satellites will ensure satellite based broadband to our customers in the Arctic.

‘Always-on’ service

Our bespoke solutions, supported by a dynamic and responsive team of experts, guarantee steadfast connectivity for any requirement.

Cutting-edge innovations

We don’t settle for the status-quo; instead, we continue to expand our expertise and develop future-ready solutions to meet the evolving needs of our industry.

Trusted partnerships

We value our industry relationships and uphold our commitments with precision and integrity, ensuring we consistently deliver on our promises.



Space Norway.
Space for More.

Essential Satellite Services for Today and Tomorrow

Space Norway is Northern Europe's leading satellite operator, providing critical satellite services across Europe, the Middle East, Africa, and the Arctic.

Bridging the distance

We leverage our expertise and extensive infrastructure, comprising satellites, teleports, terrestrial networks, and subsea fibre optic cables, to connect media, maritime, and land-based enterprises, as well as communities in the most remote regions.

Excellence for all sectors

Our primary objective is to provide secure and reliable satellite services for both national and international clients in the government, public, and commercial sectors. We are dedicated to ensuring that our services meet the highest standards of security and

reliability, addressing the unique needs of our diverse clientele.

At the forefront of innovation

With a passion for innovation, we continuously develop solutions tailored to meet future demands. Our commitment to research and development allows us to stay at the forefront of industry advancements. In close collaboration with major industry leaders in the international space and satellite sectors, we deliver cutting-edge solutions and ensure the highest quality of service.

Connecting tomorrow

Space Norway remains committed to connecting the world through advanced satellite technology, providing essential services that support critical operations and communication needs today and tomorrow.



Photo by: Ørjan Andreassen / Norwegian Armed Forces

Maritime

Space Norway delivers premium data communications services to diverse maritime mobility and offshore energy segments across the EMEA and North Atlantic, providing secure and reliable connectivity even to the most northerly fields offshore.

Subsea

We provide essential internet access through two 1,400 km subsea fibre optic cables linking Svalbard to mainland Norway. This connection supports the archipelago's critical infrastructure, including governance, commercial enterprises, aviation, and the health sector. It is also vital for scientific research, business operations, and everyday life of the community.

Land

Our terrestrial networks offer scalable and reliable connectivity for both fixed and transportable configurations. Serving diverse land-based sectors across the

EMEA region, we ensure secure and dependable data communication services, even in the most remote areas.

Government

Space Norway manages space infrastructure that addresses security needs in Norway. We deliver critical connectivity services for the navy and government, ensuring robust and reliable operations. We own and operate the vital fibre optic connection between mainland Norway and Svalbard, supporting both government and public activities.

Media

As a premier provider of broadcasting services in the Nordics and Central and Eastern Europe, we deliver media content to millions of homes across the continent. Our occasional broadcast services ensure the seamless transmission of live events worldwide.

Advanced Solutions for Commercial and Societal Impact

Securing interconnectivity for societies and institutions

A wide range of essential functions depend on information from satellites. Space Norway’s role is to manage and develop strategic space infrastructure to serve societal needs in Norway and provide access to our services internationally.

Through our THOR satellites, customers across much of the EMEA region have access to robust, high-speed internet and premium broadcasting services.

Additionally, our latest HEO satellites, ASBM 1 and ASBM 2, provide the Norwegian Armed Forces and the US Space Force with critical broadband internet access in the Arctic.

Looking ahead, we have several satellites planned for launch in the coming years, ensuring that we continue to deliver professional services to our clients in the government, public, and commercial sectors.



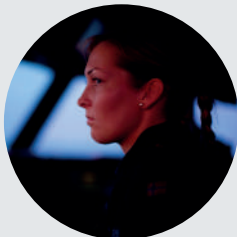
Data services

We offer satellite communications solutions, designed to meet the demands of maritime and land-based enterprises, offering reliable, high-speed broadband that supports data-intensive applications.



Broadcasting services

Our broadcasting services ensure seamless delivery of media content to millions of homes and provide uninterrupted transmission of live events and on-demand broadcasts, globally.



Societal needs

Space Norway plays a vital role in supporting Norwegian societal needs. In August 2024, we launched two satellites into a high elliptical orbit to ensure broadband connectivity for the Norwegian Armed Forces and the US Space Force. Our MicroSAR programme is currently developing a high-resolution surveillance satellite capable of detecting vessels in Norway’s vast oceans. The expected launch is in 2026.



To the left: Societal needs photo by Torgeir Haugeard / Norwegian Armed Forces

Our Organisation

Space Norway, Europe's leading satellite operator, enhances communication infrastructure in Norway and beyond.

Space Norway comprises of four subsidiaries: Space Norway Satcom, Space Norway Heosat, Statsat, and 50 per cent of Kongsberg Satellite Services AS (KSAT).

Operating in three main business areas—Satcom, Earth Observation, and Subsea Cables Systems—

Space Norway is supported by two key departments: Innovation & Development and Government. The Innovation & Development department has driven major programs such as ASBM, MicroSAR, ADIS, and VDES, enhancing business activities and creating new opportunities. Meanwhile, the Government department supports these business areas in government projects and liaises with government customers.

Owned by the Norwegian Ministry of Trade, Industry and Fisheries, Space Norway is a key partner in the Norwegian Government's activities and assets in the space sector.



Our Subsidiaries

Space Norway Satcom Connecting EMEA With the Power of THOR

Space Norway Satcom is the leading European satellite operator, providing broadcasting and data communication services for maritime and land-based industries across EMEA. The company owns and operates the THOR fleet (THOR 5, 6, and 7) of GEO satellites and offers services via THOR 10-02 in partnership with Intelsat.

Space Norway Satcom manages its main earth station, Nittedal Teleport, which provides ground services for broadcaster and data services clients in commercial, public, and governmental sectors.

Space Norway Satcom continues to innovate and plans to expand its THOR fleet, solidifying its leading position in the satellite communication sector.

Space Norway Heosat Establishing Broadband in the Arctic

Space Norway Heosat is a single purpose company with the sole objective with the sole objective of establishing broadband communication in the Arctic. In August 2024, the company launched two satellites, ASBM 1 and ASBM 2, into highly elliptical orbits as part of the Arctic Satellite Broadband Mission. Additionally, the company developed the corresponding ground segments to support these satellites.

The two satellites carry payloads for the Norwegian and U.S. armed forces, as well as a commercial payload for Viasat.

Statsat A Leading Micro-Satellite Environment

The Norwegian Government has defined space as a realm to be explored and developed for the benefit of the Norwegian society. Statsat was established to provide space-related services to government organisations.

Statsat currently operates five micro-satellites for the Norwegian Coastal Administration and plans to expand its AIS (Automatic Identification System)

satellite fleet with two additional micro-satellites in the near future.

Statsat led the establishment of the Norwegian Coastal Administration's ground station in Vardø, which is equipped with S-band and UHF antennas. Statsat is responsible for maintaining this primary station.

Although reviewed annually, long-term plans for the maintenance of the Vardø ground station and the continued operation of AIS satellites by Statsat have been confirmed.

Kongsberg Satellite Services AS We Connect Space and Earth

Kongsberg Satellite Services (KSAT) is the world's largest supplier of ground station services for satellite control and data download from polar orbits, serving clients in both public and commercial sectors, as well as satellite owners and operators. Additionally, KSAT provides Earth Observation services.

The company manages a global network of more than 300 remotely controlled antennas across 28 sites worldwide, offering optimal locations for satellites in polar, inclined, and equatorial orbits.

Space Norway owns 50 per cent of Kongsberg Satellite Services AS in partnership with Kongsberg Defence & Aerospace AS.

Our Infrastructure

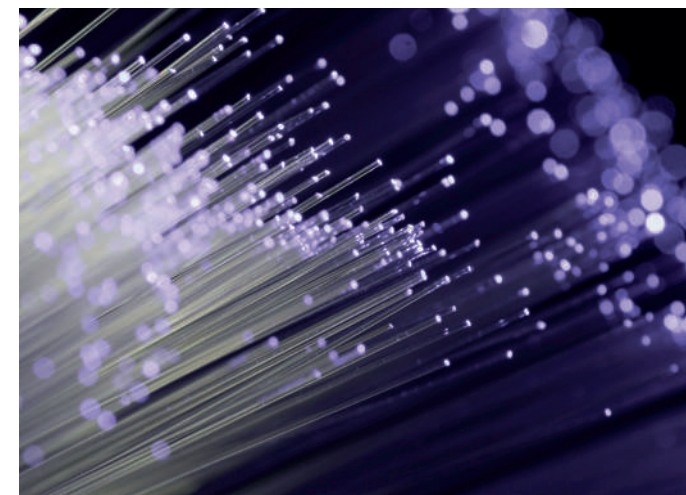
Connecting you through space and subsea

Space Norway is at the forefront of developing and maintaining advanced infrastructure to meet the demands of the future. Our comprehensive network provides a range of services, seamlessly integrating data traffic processes from space to subsea.

We are continuously advancing our solutions to enhance connectivity and expand our capabilities, ensuring robust and reliable communication services for the public, as well as our clients in the government and commercial sectors.

GEO Satellites: Data Communications and Broadcasting Excellence

We own and operate a GEO fleet of THOR satellites (THOR 5, 6, and 7) positioned at 1° West. In partnership with Intelsat, we offer data services and occasional broadcast solutions via THOR 10-02. The THOR fleet provides robust and reliable data communications and media broadcasting services across the Nordics and the EMEA.



HEO Satellites: Dual-Purpose Connectivity

Launched in the summer of 2024, the two ASBM (Arctic Satellite Broadband Mission) satellites are a recent addition to our fleet. While their primary mission is to provide military broadband access in the Arctic to the Norwegian and US Armed Forces, these satellites also carry a payload for commercial broadband services provided by Viasat.

Subsea Cables: Connecting the Arctic

Securing reliable internet access to Svalbard is crucial for the local community and the Norwegian mainland. Space Norway owns and manages two fibreoptic subsea cables that provide stable internet connectivity to Longyearbyen, the main Norwegian settlement in Svalbard. These cables also connect to the research station at Ny-Ålesund. Ny-Ålesund, located at 79° North in Spitsbergen, is the world's northernmost settlement.

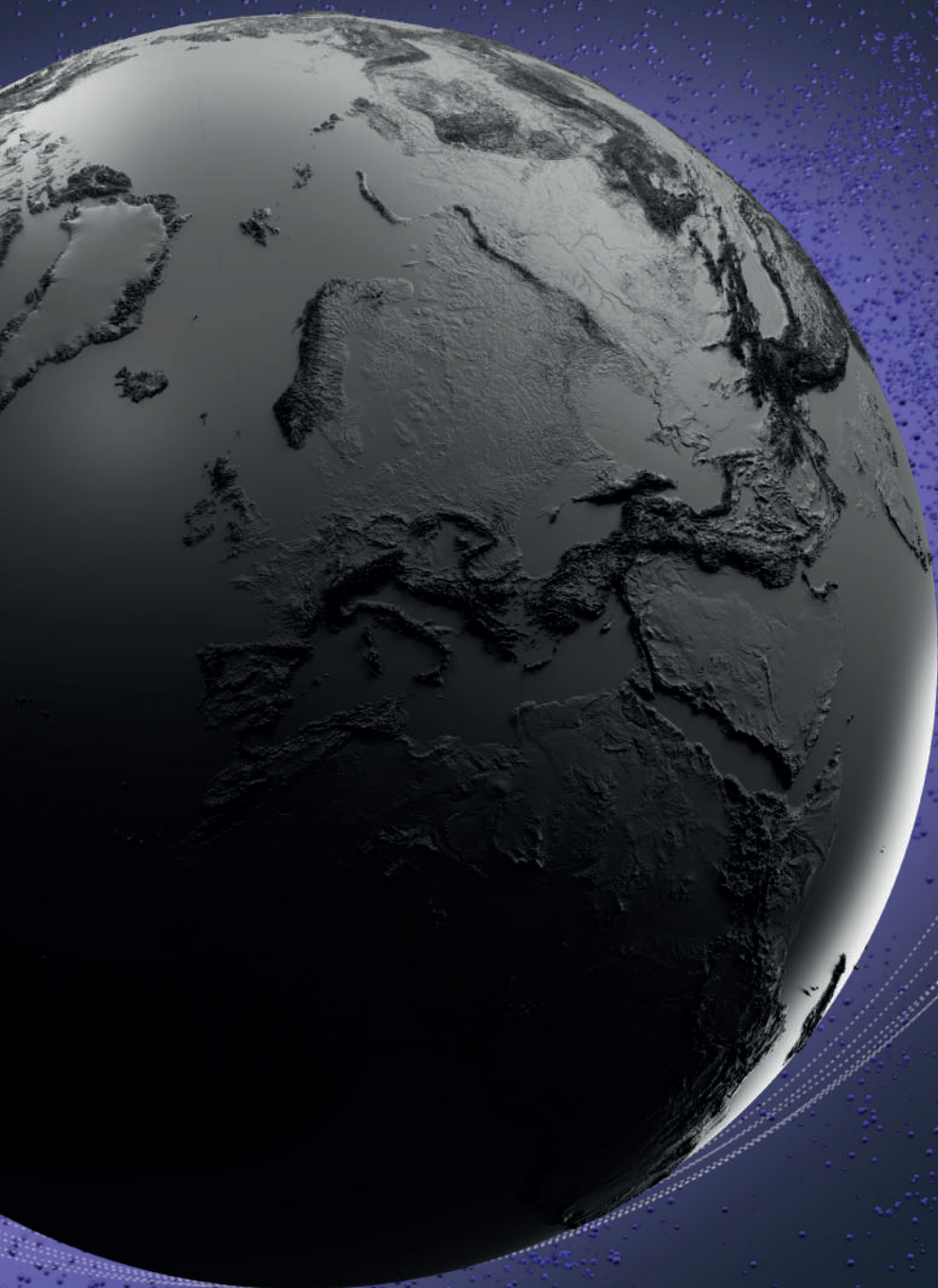
Euro-Fibre: Linking Key European Hubs

Euro-Fibre, our terrestrial network, provides resilient solutions for media distribution and data communications. It integrates terrestrial and satellite-based services, ensuring secure and seamless data transfer. With access to strategically positioned key network hubs across Europe, Euro-Fibre connects to our THOR satellites and those of our strategic partners, boosting the already excellent reliability of our satellites.

Nittedal Teleport

Located on the outskirts of Oslo, Nittedal Teleport stands as one of Europe's largest and the world's northernmost earth stations. By owning and operating satellites, as well as managing the antenna park, we maintain control over the entire value chain. This comprehensive management guarantees consistent and reliable services for our customers throughout the entire process. Our infrastructure seamlessly integrates all stages of data transmission.





Linking the Arctic

Ensuring connectivity via high elliptical orbit

Space Norway has successfully launched two ASBM satellites into high elliptical orbit. This groundbreaking initiative will provide continuous broadband connectivity to our clients operating in the Arctic, addressing the total lack of coverage or only sporadically available coverage in the region.

This remarkable project not only meets national requirements by carrying payloads for both the Norwegian and American armed forces, but also offers Viasat access to connectivity, enabling them to deliver commercial services to their customers.

At Space Norway, innovation is at the core of everything we do, and we cooperate with leading businesses in their field, both internationally and within Norway. We are committed to being not only a service provider but also a developer of bespoke designs, technologies, and solutions tailored to our customers' specific requirements.

Projects for the Future

We embrace an agile way of working, fostering close cooperation with our customers and suppliers, and firmly believing in the efficacy of our solutions. Space Norway's activity level has surged in recent years, with several critical space programs and projects successfully completed.

However, our journey does not end here; we are committed to developing and launching new projects well into the future.

MicroSAR

Given that Norway's ocean areas are seven times larger than its landmass, the MicroSAR satellite system is specifically designed to effectively monitor these expansive regions. Leveraging cutting-edge technology, MicroSAR will provide extensive

coverage while uniquely detecting small targets—a capability unmatched by existing satellite systems. This innovative solution will ensure comprehensive and precise monitoring of Norway's vast maritime territories, enhancing both security and environmental oversight.

ADIS

The Application Development Infrastructure in Space (ADIS) microsatellite will deliver space-based infrastructure as a service, meeting the needs of Space Norway and its collaborative partners. This innovative platform will support a range of applications, enabling advanced research, development, and operational capabilities in space.

VDES

The VHF Data Exchange System (VDES) is designed to enhance maritime safety and efficiency through reliable data communication, leveraging e-navigation and digitalisation. Utilising VHF frequencies, the VDES will offer improved bandwidth and coverage compared to traditional AIS systems, facilitating superior navigation, monitoring, and coordination at sea. This project underscores our commitment to advancing maritime communication technologies and supporting global maritime operations.

Fibre connectivity

We are actively working on establishing fibreoptic subsea cable connectivity to Jan Mayen, a remote island in the Arctic Ocean. This island holds strategic importance due to its role in meteorological observations, research, and military operations. By enhancing connectivity, this initiative aims to provide stable and reliable communication infrastructure, supporting the island's critical operations and improving the quality of life for its residents.



Photo by: Torgeir Haugaard / Norwegian Armed Forces

Partnering with Industry Leaders

As Norway's leading satellite company, we maintain close collaborations with foremost industry partners, suppliers, and associations, both domestically and internationally.

Notably, Northrop Grumman constructed our two ASBM satellites, which were successfully launched into the high elliptical orbit in August 2024. The MicroSAR satellite is currently being constructed by Surrey Satellite Technology, while ADIS satellite is being built by OHB Sweden.

As a European entity, Space Norway also sustains a robust partnership with the European Space Agency (ESA) on numerous research and development projects. Furthermore, our satellite launches would not have been possible without support of SpaceX.

Supporting the Norwegian Space Industry

We take immense pride in our collaborations with the Norwegian space industry to innovate and develop future solutions. Our notable partners include Eidel, Kongsberg Discovery, Seatex, WideNorth, Comrod, Kongsberg Satellite Services and the Norwegian Defence Research Establishment.

Custom Payloads for Our Clients

We specialise in developing satellites with custom payloads tailored to our customers' requirements. Our key clients include the Norwegian Armed Forces, the Norwegian Ministry of Defence, Viasat, and the US Space Force, as well as major broadcasters, leading satellite providers, and numerous commercial enterprises.



Our Milestones

Shaping a key player in space

1967

The Tromsø Telemetry Station (TTS) is established for downloading satellite data from polar orbits.

1974

Norwegian Telecom establishes NORSAT, the first national satellite system in Western Europe.

1984

Norwegian Telecom launches live broadcasts of Norwegian Broadcasting Corporation (NRK) programmes to Svalbard and the North Sea via satellite.

1986

Nittedal Earth Station is commissioned as the uplink station for NRK programming and begins transmitting Norwegian television to Svalbard and North Sea oil production facilities.

1987

The Norwegian Space Agency (NRS) is established, and TTS was incorporated in 1991.

1992

Norwegian Telecom acquires the Marco Polo II satellite, renamed THOR 1.

1995

Norsk Romsenter Eiendom AS (now Space Norway AS) is established.

1997

THOR 2 satellite is launched.

2002

KSAT is formed as a joint venture between Space Norway and Kongsberg Gruppen.

A service platform that combines digital broadcasting and VSAT services at 1° West is launched.

2004

Svalbard receives a fibre-optic cable connection to the mainland, critical for KSAT operations.

THOR 10-02 / IS-10-02 is launched as a collaborative project with Intelsat.

2008

THOR 5 satellite is launched.

2009

THOR 6 satellite is launched.

2013

Ownership of Space Norway AS is transferred to the Ministry of Trade, Industry, and Fisheries.

2015

THOR 7 is launched.

2019

Arctic Satellite Broadband Mission (ASBM) programme is initiated, with two satellites planned to provide broadband in the Arctic.

2024

ASBM 1 and ASBM 2 satellites are launched.

Space Norway acquires Telenor Satellite, which now operates under the Space Norway name.



SPACE NORWAY

 | Space
for More

Building on our proud legacy of innovation, Space Norway aims to expand its reach and strategically utilise space to protect, explore, and enrich society. Through media broadcasting, satellite communications, and critical government connectivity services, we serve and support communities in an increasingly interconnected world.



For business inquiries,
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