

# Sweden: Gateway to Space & Data Access

Embracing the vast potential of space exploration, Sweden has strategically prioritized commitment to this frontier. Aligned with Sweden's NATO membership, we uphold a steadfast obligation to bolster and advance our investments in the realm of space. Swedish enterprises seamlessly traverse the commercial, private, and military domains, collaborating with academia to ensure inclusive access for all key stakeholders.

Distinguished as a formidable research and discovery ally, Sweden boasts satellite launching capabilities coupled with unparalleled expertise in data analysis and security. Our nation stands as an instrumental partner, providing robust infrastructure to facilitate sustainable and cost efficient data collection initiatives. In the Swedish space industry, we're not just reaching for the stars – we are forging a path of innovation and collaboration that transcends boundaries.

## Swedish Engineering Expertise

Sweden boasts a rich legacy in crafting cutting edge engineering products for the space industry, spearheaded by industry giants like SAAB and Ericsson. The nation consistently channels investments into space exploration, evident in the mission that propelled Markus Wandt, Sweden's third astronaut to the International Space Station. This significantly enhanced our understanding of space and facilitated the transfer of valuable insights from space research to applications on Earth.

## Satellite Launch And A Unique Geographical Location



Sweden has made substantial investments in satellite launch capacity, boasting a world leading facility known as ESRANGE, situated in the northern regions of the country. ESRANGE stands as a focal point for launching sounding rockets dedicated to microgravity and atmospheric research.

The Swedish Space Cooperation's commitment shines through its possession of the world's most advanced commercial ground station network, renowned for its exceptional flexibility in supporting diverse mission types, sizes, and orbits. Impressively, three of these stations are strategically positioned within US territory. Capitalizing on Sweden's unique geographical position, our nation plays a pivotal role in contributing to the international space agenda. This strategic commitment has positioned Sweden at the forefront of the European Union's stance within the space domain, solidifying our country's leadership in this dynamic field.

# Launching Capabilities Enable Data Insight Generation

## Access To Satellite Data Enable Insights



Swedish satellite data has played a pivotal role in advancing research, exemplified by its contribution to the crucial work of the Intergovernmental Panel on Climate Change in understanding climate change such as the melting of glaciers. This commitment is set to endure, underlining Sweden's dedication to being a significant player in the global scientific community. Sweden possesses cutting edge technical capabilities and expertise in AI and cloud infrastructure, specifically tailored to handle the storage and analysis of data. With satellites generating vast volumes of information, our nation stands at the forefront, equipped to harness this wealth of data effectively. An exemplary initiative worth noting is GlobalTrust, a testament to Sweden's commitment to ethical decision making.

As we continue to navigate the frontiers of space, Sweden remains dedicated to contributing valuable insights and solutions for a sustainable world.

## Sustainable, Secure and Cost Efficient

The space industry ecosystem is dedicated to enhancing space accessibility, and Sweden takes pride in its representation, offering sustainable solutions, analytical prowess, and cost efficiency for international partnerships. Not only is Sweden a significant contributor to environmental research, but companies like ECAPS and Ovzon with a presence in the US exemplify our nation's strength in sustainability and technical expertise by offering sustainable components

