

Welcome to Stockholm, Sweden

Bid to host ICAS 2022

33rd Congress of the International
Council of the Aeronautical Sciences

4-9 September 2022



 **Stockholm**
The Capital of Scandinavia



Proposal from the
Swedish Society for Aeronautics and Astronautics (FTF)
to host ICAS 2022 in Stockholm, Sweden

4-9 September
2022

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FLYG- OCH RYMDTEKNISKA FÖRENINGEN

*Svensk förening för flygteknik och rymdteknik
Huvudföreningen, Stockholm
The Swedish Society of Aeronautics and Astronautics
Main branch, Stockholm*



Stockholm, 2018-04-01

ICAS Secretariat
Attn: Dr. Susan Ying, ICAS President

On behalf of the Swedish Society for Aeronautics and Astronautics (FTF), I am hereby inviting the 33rd Congress of International Council of the Aeronautical Sciences to be held in Stockholm, Sweden in September 2022.

FTF has been involved with ICAS since its foundation in 1957 and already arranged two successful ICAS congresses in Stockholm in 1962 and 1990. Moreover, FTF hosted the ICAS Secretariat from 2003-2010.

In this document you will find our proposal for hosting ICAS 2022, outlining the various aspects and advantages of organising this congress in Sweden. On the next few pages, a short overview of Swedish aeronautical history and present activities is included.

Stockholm is an ideal location for the 33rd ICAS Congress with much to offer to both delegates and accompanying persons. Stockholm can easily be reached with direct flights from many parts of the world. The Stockholm Waterfront Congress Centre is located downtown Stockholm, just adjacent to the Central Station, from which the airport is reached in 20 minutes by train.

We also run our semi-national congresses every third year, since 1992, the latest was in October 2016 in Stockholm/Solna with 300+ participants. We are planning to hold our next semi-national congress in 2019 at the same congress venue that we are proposing for ICAS 2022. This will help secure a good number of national participants for ICAS 2022 as well as help us secure a smooth-running congress in 2022.

This proposal for hosting ICAS 2022 in Sweden is strongly supported by all aeronautical stakeholders in Sweden, including the main industries Saab and GKN, as well as the relevant Government Agencies under the Ministry of Enterprise and Innovation and the Ministry of Defence. In the final section supporting letters for ICAS 2022 from many Swedish stakeholders in aeronautics are included.

I trust that you will find our submission attractive and competitive. We are ready to present our bid to the ICAS EC meeting in May 2018 as well as to the ICAS General Assembly at the ICAS 2018 Congress in Belo Horizonte, Brazil in September.

Yours Sincerely,

Dr. Roland Karlsson
President
The Swedish Society for Aeronautics and Astronautics

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ICAS, International Council of
the Aeronautical Sciences

Dear Sir,

On behalf of Visit Stockholm I am delighted that Stockholm is being proposed as a venue for the Congress of the International Council of the Aeronautical Sciences in 2022.

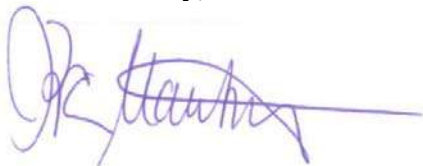
Stockholm is ranked one of the most popular congress destinations in the world. Not least due to its proven record of organization, infrastructure and typical Scandinavian attention to detail, flexibility and efficiency.

Based on innovation and fuelled by high technology, the Stockholm region's economy boasts one of the world's most prominent ICT clusters, one of Europe's largest life sciences clusters and fast growing clean-tech and fashion industries – to name but a few.

We welcome you to a destination that offers state-of-the-art conference facilities and highly developed tech infrastructure. Stockholm also offers an abundance of culture, attractions and world-renowned entertainment.

We are confident that Stockholm will provide a great foundation for your congress and would be honoured to welcome the ICAS Congress to Stockholm in 2022.

Yours sincerely,



Karin Mäntymäki
Visit Stockholm
Director Stockholm Convention Bureau
Phone (direct): +46 8 508 28 560
E-mail: karin.mantymaki@stockholm.se



City Support

The City of Stockholm is delighted to welcome the ICAS 2022 to Stockholm. We have the pleasure to offer the following additional benefits.

Stockholm Convention Bureau

Stockholm Convention Bureau (SCB) is here to make things easier for you. Together with our network of professional and experienced partners, we offer highly informed, accessible help and advice, with no costs whatsoever to you.

Let us help you plan a truly memorable congress in Stockholm

Official hospitality

International congresses held in Stockholm may apply for a complimentary welcome reception at Stockholm City Hall, the world famous venue for the Nobel Prize festivities. If the application is awarded, the City of Stockholm will host a reception for up to 1,200 participants. SCB will be happy to assist you with the necessary application.

Site inspection

SCB invites you to a site inspection organized according to your needs and requirements. SCB covers all cost for flights within Europe as well as accommodation for two nights and local transport. The offer is valid for two representatives from ICAS and applies until your decision on destination for 2022 has been made.

Booking service

On request, SCB will secure hotel rooms in Stockholm for your conference. The rooms will – when agreed upon – be

handed over to your organization or to your chosen conference organizer, in order to negotiate terms & conditions with the hotels. This service is free of charge.

Travel within Stockholm

Stockholm's Public Transport Company, SL, offers international congresses a significant discount on travel cards when purchasing 1,000 cards or more. Travel cards are valid on all public transport within the Greater Stockholm Area.

The price for a 4-day congress travel card is SEK 195 / € 20* when purchasing 1,000 – 4,000 cards (regular price: SEK 325 / € 33*).

High-speed train tickets Stockholm Arlanda Airport

The ICAS 2022 will be offered a 10-50% discount on the Arlanda Express train tickets, to and from Stockholm Arlanda Airport, depending on day of travel. The regular price for a one-way ticket is currently SEK 280 / € 28* and SEK 540 / € 55* for a return ticket.

* Currency conversion as of 5 Feb 2018
www.oanda.com/currency/converter/

Above rates and conditions apply for 2018 and are subject to change.



Stockholm – the natural choice

The Capital of Scandinavia is one of the world's most popular destinations for meetings, conferences and incentives. Here are some of the reasons why.

Getting here

With direct flight connections from more than 160 destinations, getting to Stockholm Arlanda Airport couldn't be easier. From there, it's just a short hop into the city center. And public transport is excellent, so getting around the city is easy.

Everything within easy reach

Stockholm is a metropolitan city of some 2,3 million inhabitants, yet nothing is ever far away. You'll find world-class conference venues and a wide selection of hotels, cultural sites, shops, restaurants, cafés and bars within easy walking distance. Not to mention water, forests and unspoilt nature.

World class facilities

With a wide selection of conference venues and some 36,000 hotel rooms, Stockholm is equipped for conventions of up to 30,000 delegates at a time. Top shelf technology at the venues and free, high-speed Wi-Fi in the hotels is the norm. No wonder Stockholm is ranked among the top congress cities in the world.

Open, safe and friendly

In February of 2017, Business Insider ranked Stockholm as the second most social, friendly and liberal city in the world (after Gothenburg – another Swedish city). We would like to add

“trendy”, “gender equal”, “innovative” and “safe”. And perhaps also mention that almost everyone speaks English.

Culture and history

Stockholm City is built on 14 islands, with sparkling water in every direction. And it's so clean that you can swim a stone's throw from the city center. It's a harmonic blend of old and new, ultra-modern and medieval. Take a walk among the narrow, cobblestoned streets of the Old Town and feel the presence of history all around you.

City of Science

Stockholm is one of the most knowledge-intensive and innovative regions in the world and home to two of Europe's most important technology and life sciences communities. Prestigious universities like KTH Royal Institute of Technology and Karolinska Institutet (where the Nobel Assembly awards the Nobel Prize in Physiology or Medicine) attract students from all over the world.

Culinary delights

Modern Swedish cuisine, with its fusion of native recipes and global influences, has gained international acclaim and Swedish chefs have won many prestigious prizes in international competitions. Join in the spirit of the Nobel Prize and enjoy a dinner at City Hall, the venue for the Nobel banquet.



Or dine in the shadow of the 17th-century warship Vasa, incredibly preserved after 333 years beneath the waves. There's plenty to keep you busy after hours too, with hundreds of bars and nightclubs

The birthplace of music tech

Stockholm is famous for ranking among the world's top exporters of music as well as being the number-one hub for the music tech industry. Ever since the 90s, a lot of the world's biggest pop acts come to Stockholm to produce their music in cooperation with the city's many music creators. Discover the city where some of the defining moments within music and tech took place.

Extracurricular activities

The 30,000 islands of the Stockholm archipelago are irresistible. And there are many ways to explore them. Join a guided group, or get away from it all on your own. Choose from sailboats of all sizes, or hire a kayak, canoe or seaplane. Dine onboard a turn-of-the-century steamer and marvel at the scenery. If you like adventure, experience the G-force of a thrilling RIB boat ride.

The Unicorn factory

Thanks to successful startups like Spotify, Skype and King, Stockholm has become a global tech and startup hub. Dubbed the "Unicorn factory" by the Financial Times, Stockholm has the most unicorns per capita in the world after Silicon Valley.

Stockholm - the green capital

Stockholm was named the first winner of the European Green Capital award in 2010. Everything from water protection plans, to public transport and work to reduce fossil fuel emissions was reviewed, and Stockholm is considered a frontrunner in all aspects. A vast majority of all hotels in Stockholm are sustainability accredited by third party certifying bodies. The same goes for our meeting venues.

Stockholm facts

- **Founded in 1252**
- **Built on 14 islands connected by 47 bridges**
- **Population: 2,3 million (Greater Stockholm area)**
- **Subway system: more than 100 km track and 100 stations**
- **Number of universities and colleges: 28 (Greater Stockholm area)**
- **Home of the Nobel Prize**



Sweden - simply modern

Sweden is a modern and progressive nation, which has led to the nation's emergence as a world cultural power. Swedish music, art, literature and design have been, and are, highly influential around the globe.

Passion for tradition

Despite being ultra-modern, Sweden prizes simplicity. It also has a passion for tradition – many of its national holidays are ancient celebrations, with midsummer one of the most important. This is a country that looks forward without losing sight of where it has come from.

Design for life

One of the world's top design nations, Sweden is best known for its minimalist style. Swedish design is characterized by lightness of form, clean lines and functionality. Sweden is particularly renowned for furniture and product design, with names such as Bruno Mathsson and Jonas Bohlin. Not forgetting IKEA, one of the world's most successful companies. Glass and crystal are also notable, with brands such as Orrefors and Kosta Boda.

Sleek style

Sweden is a well-dressed nation, and Swedish fashion designers are rising stars on the international stage. Fashion brands such as Acne Studios, Tiger, Filippa K, Nudie Jeans and J Lindeberg have achieved widespread acclaim and commercial success. Swedish fashion is

brought to the mainstream by successful high street brands such as H&M.

It's in our nature

Sweden's southernmost point is on the same latitude as northern England. To the north it extends beyond the Arctic Circle. From the soft sandy beaches of the south, to the mountains and glaciers of the far north, the Swedish landscape has everything from vast open spaces, sparkling lakes and seas, to myriads of islands, rolling green hills and lush meadows. Not to mention wildlife like elks, wolves, bears, lynx and wolverines.

Industry...

Sweden's population is relatively small, Yet, Swedish industry has always enjoyed remarkable success internationally. The limited home market is probably an important factor in this – success depends on going global. Sweden's traditional industries include automotive, engineering, domestic appliances and forestry.

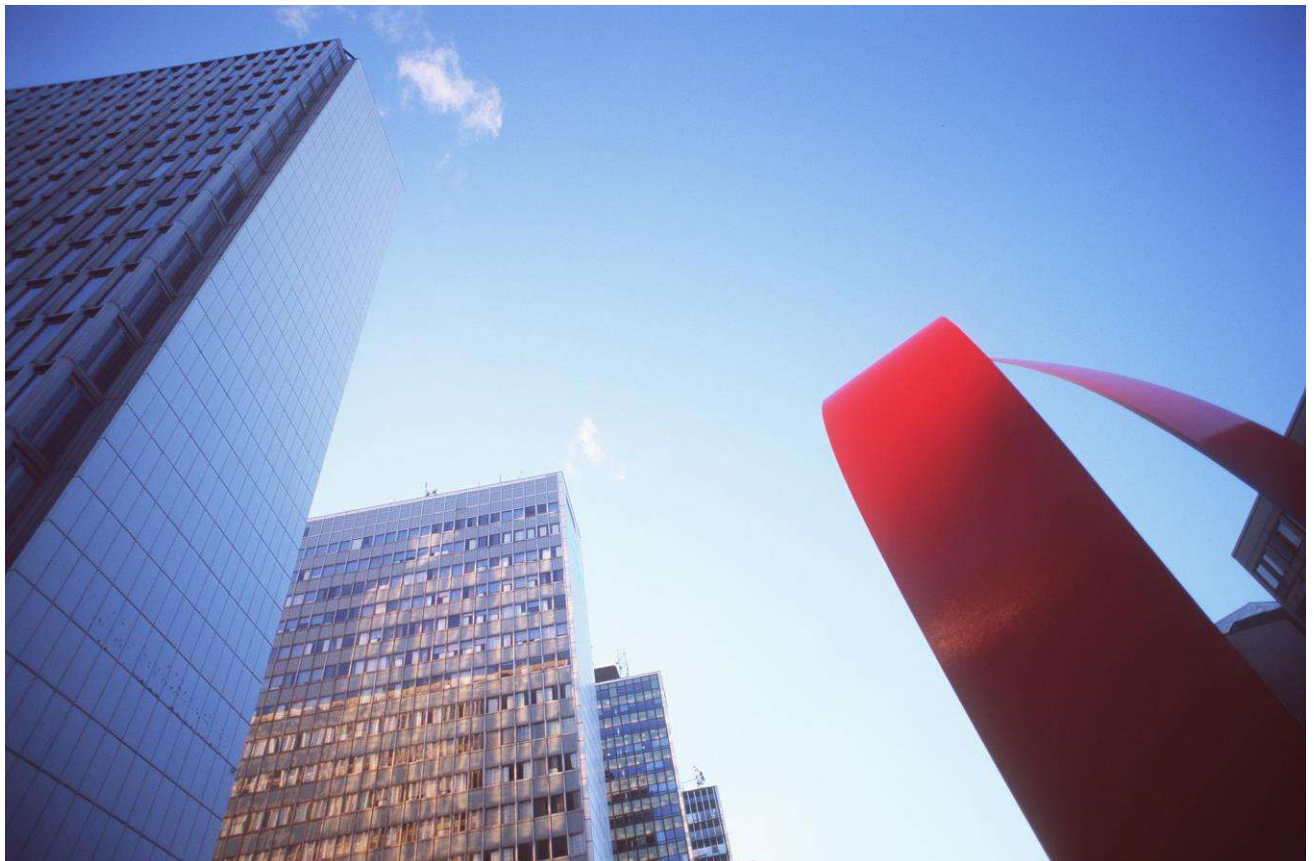
...and Innovation

Innovation and entrepreneurship have always been key aspects of Swedish business. Sweden was at the forefront of the IT boom, and continues to be a world

leader in ICT. Telecoms is a particular strength, with the legacy of communications giant Ericsson having inspired unicorns like Skype, Spotify and Mojang. It's a high-tech society with many 'early adopters' of new technology.

Sweden facts

- Population: approx 10 million
- Climate: Four distinct seasons
- Currency: Swedish Krona (SEK)
- Government: Unitary parliamentary constitutional monarchy
- Area: 450.295 (approx. the same size as Spain or the state of California)
- Language: Swedish (most people also speak English)





Aeronautics in Sweden

Short history

Sweden has a long aeronautical history with a military capability, which is unique for such a small country. This fact largely depends on the political neutrality during the wars and continued strong defence spending up to the fall of the Berlin wall in 1989.

A few notable accomplishments in the past include:

- First swept-wing fighter in Europe – J29 in 1948
- First Saab supersonic aircraft – J32 Lansen in 1952
- First double-delta-wing aircraft – J35 in 1955
- First canard-wing jet fighter – AJ37 in 1967
- First JAA/FAA jointly certified airliner – Saab 340 in 1984
- First fourth generation fighter – Gripen 39 in 1988



J29 Flying Barrel



J35 Dragon



AJ37 Thunderbolt



Saab 340



JAS39 Gripen

Behind this success, close R&TD collaboration between users, industry, academia and agencies as well as an integrated civil-military aeronautics research community are important contributing factors. International cooperation has always been a strong element, and over the past 25 years Swedish aeronautics has been strongly involved in European R&TD programmes.

Swedish Aeronautical Industry today

Today the Swedish aeronautical sector employs over 12000 people and has a turnover of more than 2.2 billion Euro per year with an export share of some 70 %. The main companies are Saab and GKN Aerospace Engines Sweden (formerly Volvo Aero).

SAAB Aeronautics Linköping, Sweden. More on: www.saabgroup.com

Saab is well known for the development of many generations of military aircraft. Saab Aeronautics today offers advanced airborne systems, related subsystems, Unmanned Aerial Systems (UAS), aerostructures, and services to defence customers and commercial aerospace industries worldwide. Saab Aeronautics is responsible for the development, production, and support of the Gripen fighter aircraft, which is presently operated by several air forces: Swedish, Czech, Hungarian, South African and Thai.

Gripen is currently undergoing a major update into what effectively becomes a generation 4.5 multi-role fighter aircraft. This new version Gripen E, which is also purchased by the Brazilian Air Force, has a new engine, new AESA radar, new avionics, and more advanced EW capabilities. The aircraft also has longer range and can carry more weapons than previous versions.

Saab has together with Boeing developed a new military trainer, the Boeing-Saab TX trainer, offered as the new trainer for the US Air Force.



Gripen E first flight 2017



Boeing-Saab TX trainer

Although production of civil aircraft has been shut down, about 500 Saab 340/2000 commuter aircraft are in operation worldwide. Saab also manufactures unmanned systems, radar systems, sensor systems, AEW systems (Airborne Early Warning), C4ISR systems (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance), and other security and defence related products.



Erieye AEW on Saab 340 and Saab 2000



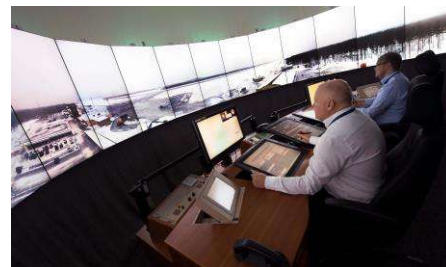
GlobalEye (Erieye on Bombardier Global 6000)

Saab is also acting as a tier one supplier of aero structures to both Airbus and Boeing. Moreover, Saab is a main partner in the European Clean Sky programme and has developed a unique composite wing for laminar flow now being flight-tested on an Airbus 340 (BLADE project).

Within the ATM sector, the Remote Tower concept, Saab and the Swedish Air Navigation Service Provider (LFV) were the first in the world to put remote air traffic control towers into operation. This innovative system has now been offered to several other countries.



Clean Sky BLADE laminar wing



Remote Tower

GKN Aerospace Engine Systems Trollhättan, Sweden. More on: www.gkn.com/aerospace

GKN Aerospace is one of the world's largest independent first tier suppliers to the global aviation industry. GKN Aerospace Engine Systems, located in Trollhättan, Sweden (formerly Volvo Aero) develops and manufactures components for aircraft, gas turbines and rocket engines with high technology content in cooperation with the world's leading producers.



The Volvo RM12 powers the Gripen fighter. It is based on the General Electric F404 engine from which it has been developed to single engine safety criteria, higher performance and greater durability. GKN also produces nozzles and turbines for rocket engines, such as the Ariane 5 engine, as well as for the upcoming Ariane 6. However, the largest sales come from advanced metal and composite structures to all large aircraft engine OEM's in the western world. Such structures include engine casings, fan blades, compressor blades, turbine blades, and blisks. In fact, GKN Aerospace Engine Systems delivers components to 90 % of all large civil aircraft engines.



The company is strongly involved in the European demonstrator programs within Clean Sky as illustrated by the following two examples.



Clean Sky – SAGE4 Engine Test



Composite Fan Structure

The GKN turbine structure in the top part of the left figure is mounted in an engine made by MTU. This turbine structure can sustain substantially higher temperatures than previous engine generations. The engine tests were successfully completed in late 2015.

In the composite fan structure shown in the right figure above, titanium vanes have been replaced with carbon fiber composites resulting in up to 30 % less weight. Successful testing until now includes bird strikes, hail impact, and complete mechanical tests.

Small and Medium-sized Enterprises, SME:s

Although Saab and GKN Aerospace Engine Systems are by far the largest and most important industries within the Swedish aerospace sector, there are also many Space oriented manufacturers and a number of very active SME:s in the country. The Swedish Government is focused on developing the latter and has established a wide range of funding mechanisms to that end. The Aerospace Cluster Sweden (ACS), is currently focusing on the west and east parts of Sweden but is also extending the network to the entire country. MoU:s between these regions and the EU Clean Sky Joint Technology Undertaking highlight the importance of aeronautics in the regions and also makes funding available from the European Structural Funds through the Swedish Agency for Economic and Regional Growth.

Aeronautical Research in Sweden

Sweden has a long tradition in aeronautical research performed at universities, institutes, and industry. Swedish industry and research organisations have always been and are still very active in international collaborative research and demonstrator programs such as the EU supported programs including Clean Sky 2 and SESAR 2020. Other examples include the Neuron project (which received the ICAS von Karman Award 2014) and other programmes funded by EDA (The European Defence Agency).

The Swedish governmental support for aeronautics is unyielding. The recent decision to develop and build a new generation fighter aircraft, the Gripen E, is a most significant proof. Aeronautics was in 2014 selected as one of the six first chosen areas out of a total of 17 strategic innovation programmes supported by the government, which implies specific research programs for both civil and military aeronautics.

Swedish aeronautical research is today coordinated via the **National Strategic Innovation Programme for Aeronautics, INNOVAIR**. More on: www.innovair.org. INNOVAIR was established with the aim to coordinate and support all stakeholders, including industry, universities, institutes, armed forces, associations and governmental agencies active in the aeronautics sector. INNOVAIR has produced strategy documents for the entire sector, with active participation by all stakeholders and the fourth edition NRIA 2019 is now being prepared.



NRIA 2016 - Swedish Aeronautics Research and Innovation Agenda 2016

Current research funding includes the National Aeronautical Research Programme (NFFP), aimed at university and institute research at TRL 2-4, and the SWE Demo programme on TRL 4-6, aimed at cooperation between large industries, SME:s, and the academic sector. Funding is obtained by Vinnova (Sweden's Innovation Agency) and the Armed Forces. INNOVAIR also coordinates Swedish collaboration with European funded research, as well as with bilateral joint activities with prioritized nations.

A most recent initiative by INNOVAIR is to establish the **Swedish Aeronautics Research Center (SARC)**, initially involving the larger technical universities KTH (Stockholm), LiU (Linköping) and Chalmers (Gothenburg), as a joint national centre for academic research on aeronautics. The intention is to emphasize basic aeronautics with focus on platforms, and the systems that are included in these. The centre will ensure maintaining of competence at universities in the field of aeronautics, and act as a strong partner in relation to e.g. EU's framework programs, and for bilateral cooperation with prioritised countries.

The bilateral agreement with Brazil for the development and production of the new Gripen E, and the two-seater version Gripen F leads to a long-term relation between Brazil and Sweden, within the Air Forces, between academic, institutional and industrial parties, as well as between ministries. This has already resulted in strong bilateral cooperation in aeronautics research with joint annual workshops and the next workshop will be arranged in connection with the ICAS 2018 Congress in Belo Horizonte.



FTF and ICAS – a long standing relation



FTF has been involved with ICAS since its foundation in 1957 and arranged two successful ICAS congresses in Stockholm in 1962 and 1990. More recently, FTF also hosted the ICAS Programme Committee meeting 2011, in Stockholm and Linköping and between 2003 and 2010 our society hosted the ICAS Secretariat.

Over the years there has been a strong participation from Sweden in ICAS Congresses. Furthermore, FTF representatives have over many years played active roles in ICAS affairs through participation in the Executive and Programme Committees.

Short about FTF – Swedish Society of Aeronautics and Astronautics

FTF (FlygTekniska Föreningen) was founded in 1933 in Stockholm. In 1968 there was a merger with the **Swedish Interplanetary Society (Svenska Interplanetariska Sällskapet)** into what constitutes the present society. In consequence, the name in Swedish was later changed **into Flyg- och rymd-tekniska Föreningen**, but the abbreviation FTF was retained.

The purpose of the society is to promote and stimulate the interest in the technology of aeronautics and astronautics in Sweden. Today FTF has about 1000 members, mostly aerospace engineers.

Besides the main branch in Stockholm, FTF has local branches in four other cities, Gothenburg, Linköping, Trollhättan, and Malmö where the leading aerospace industries are situated.

FTF frequently arranges seminars and lectures in aerospace topics. The evening lectures take place in each of the local branches so that the members are informed about the current aerospace news.

Traditionally, we also run our semi-national congresses every third year, since 1992, the latest was in October 2016 in Stockholm with 300+ participants. These congresses have become the most important forum for aerospace engineers and researchers in Sweden.

FTF annually is presenting awards for outstanding achievements in aerospace technology in Sweden. The Thulin medal, in gold or silver, is normally given to about two or three persons every year since 1944.

The FTF news Bulletin "Bevingat" is released four to six times a year and distributed to the members.

More on the FTF website: www.ftfsweden.se



ICAS 2022 Proposed Venue

Stockholm Waterfront Congress Centre

A landmark for meetings

Stockholm Waterfront Congress Centre is one of the city's newest and most versatile large-scale venues. Built on the waters' edge right in the heart of Stockholm, it offers vast possibilities for experiences out of the ordinary. With a total area of 14,000 m² in a prime city location, the congress center has theatre capacity for about 3,000 delegates and banquet seating for about 2,000 guests.

The three-storey building offers fantastic views of City Hall and the surrounding waters. The spectacular architecture also features world-class energy solutions, which make the Congress Center more than twice as energy efficient as EU-certified "Green Buildings".

The Stockholm Waterfront has added a multi-purpose event center to Stockholms' impressive line-up. The facilities consist of

a large congress hall for local as well as international events. And thanks to its flexible design, the venue allows for everything from exhibitions to concerts to board meetings, international congresses, conferences etc. In addition, the center offers a number of small and mid-sized rooms for all types of meetings.

Accessibility for disabled

Being a new built congress center, the building is of course adapted for disabled, with access for vehicles at the main entrance, reserved parking spaces, elevators to all floors, restrooms for disabled on all floors etc.

Stockholm's closest hotel

The four-star Radisson Blu Waterfront Hotel adjoins the congress center, which can be accessed from the main lobby.



Convenient for attending meetings and events and equally convenient for those seeking to enjoy all that Stockholm has to offer. The finest shopping, culture and entertainment experiences are just minutes away.

Radisson Blu Waterfront Hotel offers 414 stylish rooms, including three luxury suites. A number of the rooms have breath-taking views of the surrounding water. There is also an excellent all-day restaurant, bar and a gym.

Location

Stockholm Waterfront Congress Centre is very easy to get to whether you arrive by air, rail or road. Just a two-minute walk from the Central Station/T-Centralen, the arrival point for intercity trains, buses, subway links and the Arlanda Express airport shuttle. The venue is located within walking distance from shopping areas, restaurants and tourist attractions (please refer to rail network map in "Transport"-section).

Stockholm Waterfront Congress Centre facts

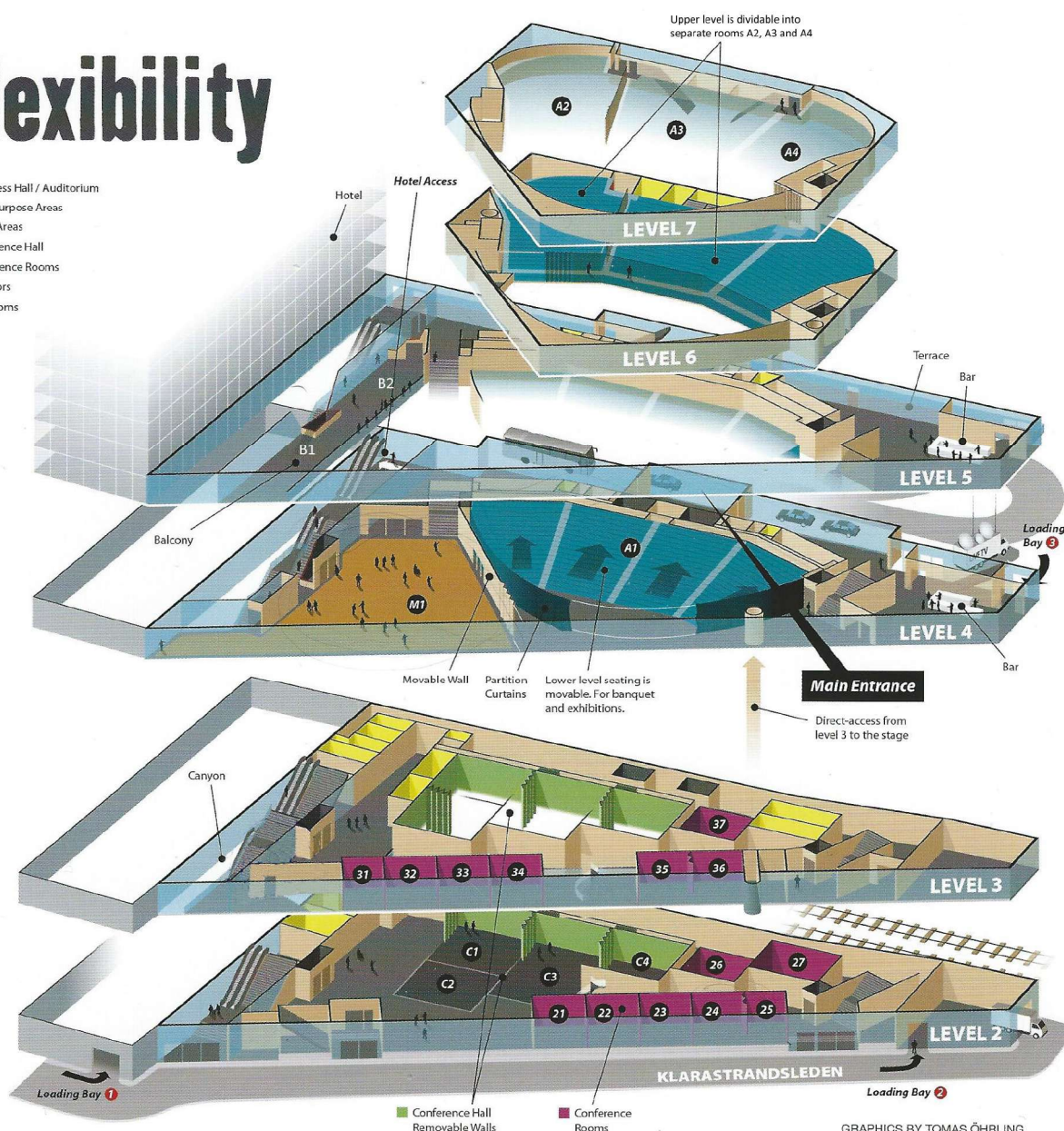
- **Maximum capacity, theatre style, largest hall: 3,000**
- **Total meeting capacity: 3,400**
- **Number of meeting rooms: 21**
- **Total exhibition area: 3,200 m2**

www.stockholmwaterfront.com



Flexibility

- Congress Hall / Auditorium
- Multipurpose Areas
- Foyer Areas
- Conference Hall
- Conference Rooms
- Elevators
- Restrooms



ICAS Requirements	Allocation Stockholm Waterfront	Level	Comments
Opening/Closing (1200) General Lectures + track 1	A1 (1350)	4	Can be expanded with A2-A4 up to 3000
4 Lecture rooms for 150 persons	A2 (500), A3 (500), A4 (500)	6	
7 Lecture rooms for 75 persons	C1 (100), C2 (100), C3 (180), C4 (125)	2	
Exhibition stands	24+25, 27, B1, B2 (all 75)	2	B1 and B2 on level 5
Coffee breaks + lunches	M1 (> 900 m ²)	4	if needed stands also at level 5 foyer area
Poster screens/sessions	Along the walls lobby level 2	2	if needed also at level 5 foyer area
Secretariat office	31	3	LOC in room 33
Meeting rooms (up to 60 persons)	32 (15-20) and 35+36 (70)	3	35+36 (70) can also be used for lectures
President's office	37	3	VIP room
Presentation check/uploading	26	2	
Printing and copy room	34	3	

ICAS 2022 Social Events

Welcome Reception Sunday

The welcome reception on Sunday evening will be held at the Stockholm Waterfront Congress Centre, where registration will open at 16:00.

Congress Reception Monday

The Congress Reception on Monday will be held at the Stockholm City Hall. This symbol of Sweden's capital city is located just across the water from the Congress Centre (5 min walk).

international.stockholm.se/the-city-hall/

The City Hall hosts a large variety of activities and is the seat of the government of Stockholm. The Blue and Golden Halls, among the world's finest banquet premises, are what people most frequently associate with City Hall. Naturally, the highlight of every year is the Nobel Banquet held in December (see picture below).

Student Party Tuesday

For the student party on Tuesday evening the main idea is to arrange this together with the aeronautical students at KTH – The Royal Institute of Technology and use their facilities in the student union house NYMBLE.

Council Lunch Wednesday

The Council Lunch on Wednesday will be held at the Radisson Blue Waterfront Hotel, which is connected to the Congress venue.

Programme Committee Dinner Wednesday

The PC dinner on Wednesday will be arranged at the Nobel Museum, located in the Old Town (Gamla Stan), which is one of Europe's best preserved. This is where Stockholm was originally founded in the 13th century and the medieval atmosphere is still evident, with narrow cobbled streets, low-rise old-style houses, squares, workshops, and boutiques.



The Nobel Museum was opened in 2001, and in conjunction with the 100th anniversary of the Nobel Prize. The Nobel Museum's activities include exhibitions, school programmes, and a research library.

Congress Banquet Thursday

The ICAS 2022 Congress Banquet will be held at the Vasa museum, which is the most visited museum in Sweden. This is a magnificent setting for a banquet with tables set up under the prow of the old ship. A truly unique experience - leaving you with everlasting memories. A guided tour of the Vasa and the exhibitions is included (see picture below).

About the Vasa Museum

In 1961, the Vasa was raised from the depths of Stockholm harbor where she had lain for 333 years. Now housed in an award-winning museum, seeing this Royal flagship up close is a never-to-be-forgotten experience. Vasa is a real treasure from the 17th century that offers us a rich history, from the work at the Ship Yard to life on board a warship.

Location: 10-15 minutes by public transport from the Central Station.

www.vasamuseet.se



ICAS 2022 Accompanying Persons Programme

Stockholm with surroundings has a lot to offer visitors. Magnificent art, dynamic culture, ornate palaces, medieval history or unspoilt nature. Read more about all this on www.visitstockholm.com.

Some accompanying persons may wish to visit attractions on their own but different organized tours will be offered on Monday through Thursday. A selection of possibilities are listed below.

Old Town walkabout

Gamla Stan (Old Town) is one of Europe's best preserved. This is where Stockholm was originally founded in the 13th century and the medieval atmosphere is still evident, with narrow cobbled streets, low-rise old-style houses, squares, workshops, and boutiques.

Drottningholm Palace by boat (lunch included)

Drottningholm Palace, situated on Lake Mälaren just 15 km from Stockholm, dates from the 17th century. The palace, which is Sweden's Royal Residence, was built along the lines of Versailles in breath-taking grounds.

The 18th century Royal Court Theatre is the world's oldest playhouse still in use and its original scene-changing machinery is still intact. The palace - along with the court theatre, park and Chinese Pavilion - is one of the UNESCO cultural heritage sites in Sweden.

Art museum tour

There are several art museums in Stockholm like Nationalmuseum, Moderna Museet, Waldemarsudde, The Thiel Gallery and Millesgården, with its vast sculpture garden. Depending on what is on show at the time of the congress a tour including two of these museums will be offered.



Archipelago Tours

The Stockholm archipelago has about 30,000 islands! Different tours are offered like the 2,5 hour long guided lunch cruise on the old steamer M/S Östanå I, built 1906 a classic pearl and well-known element in the archipelago.

Another option is a tour to the archipelago capital town Vaxholm on the S/S Stockholm. This is the perfect tour if you're looking to experience a picturesque archipelago town. The small town is idyllic with narrow alleys, shops and galleries, the Vaxholm citadel and much more.

Stockholm has many interesting museums and one or two museum tours will be part of the programme. Two very special museums are listed below.

ABBA The Museum

ABBA The Museum is no ordinary museum. It's not just about the original costumes, gold records and so many other wonderful items of memorabilia – it's about you! Feel what it's like to be onstage with ABBA, to sing at the famous Polar Studio or to dress up in those legendary costumes (virtual). An interactive journey through one of the greatest success stories in music.

The VASA Museum

The VASA Museum is the most visited museum in Sweden. If you have to leave Stockholm before the Congress Banquet try to squeeze in a visit to this very special museum before you leave.

In 1961, the Vasa was raised from the depths of Stockholm harbour where she had lain for 333 years. Now housed in an award-winning museum, seeing this Royal flagship up close is a never-to-be-forgotten experience. Vasa is a real treasure from the 17th century that offers us a rich history, from the work at the Ship Yard to life on board a warship.



ICAS 2022 Technical Visits

Technical visits will be arranged on Friday September 9th as follows:

Saab in Linköping including a visit to the Airforce Museum

This will be a full day tour with bus (2 hours from Stockholm) to visit the Saab facilities in Linköping. Saab is well known for the development of many generations of military aircraft. Saab Aeronautics today offers advanced airborne systems, related subsystems, Unmanned Aerial Systems (UAS), aerostructures, and services to defence customers and commercial aerospace industries worldwide. Read more about Saab in the chapter Aeronautics in Sweden.



Before returning to Stockholm in the late afternoon a visit to the Airforce Museum located near Linköping will be included.

More about the museum: www.flygvapenmuseum.se/languages/engelska/

GKN Aerospace Engine Systems in Trollhättan

This is also a full day tour but by flight (50 min) from Bromma airport (10 km from downtown Stockholm). Trollhättan is located 400 km west of Stockholm at the lake Vänern.

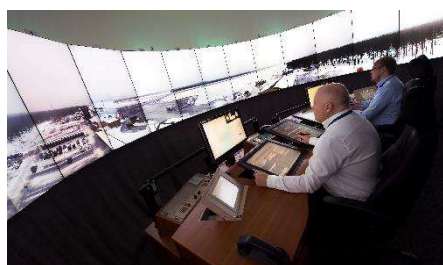


GKN Aerospace Engine Systems, located in Trollhättan, Sweden (formerly Volvo Aero) develops and manufactures components for aircraft, gas turbines and rocket engines with high technology content in cooperation with the world's leading producers. Read more about GKN Aerospace Engine Systems in the chapter Aeronautics in Sweden.

The visit will comprise presentations of aerospace activities at GKN Aerospace Engine Systems as well as a visit to PTC Innovatum, a research arena for industrial production processes R&D on metal-based aerospace products.

ATC Arlanda - Remote Tower Control

This is a half-day tour to Arlanda – the Stockholm main airport – located 40 km north of downtown Stockholm. The Swedish Air Navigation Service Provider (LFV) and Saab were the first in the world to put remote air traffic control towers into operation. The company *Saab Digital Air Traffic Solutions* is jointly-owned by Saab and LFV. In 2022 we expect some of the Swedish airports to be remotely controlled from ATC Arlanda.



PS

Trollhättan is the city where the Saab cars were produced from 1946-2011. If you are interested in Saab cars we recommend a visit to the Saab car museum in Trollhättan. www.saabcarmuseum.se/en/

ICAS 2022 Local Organising Committee

A Local Organising Committee has been formed to prepare for the ICAS 2022 Congress in Stockholm.

Chair:	Dr. Roland Karlsson, FTF President
Vice Chair:	Dr. Anders Blom, FOI and Programme Director Innovair
Secretary:	Björn Jonsson, Defence Material Administration (and FTF Secretary)
Finances:	Kaj Lundahl, FTF Treasurer (also CEAS VP)
Social Events/ Technical visits:	Lic. Eng. Olle Bååthe, Systecon AB (also FTF event manager)
Sponsors/Exhibition:	Bengt Moberg, Vernamac

LOC Senior advisors:

Dr. Billy Fredriksson, ICAS President 2002-2004 and ICAS Treasurer 2006-2010
Anders Gustafsson, ICAS Executive Secretary 2002-2010 and ICAS Treasurer 2010-2014

University contacts: Swedish Aeronautics Research Center (SARC)

Prof. Dan Henningson, Royal Institute of Technology (KTH), Stockholm;
Prof. Petter Krus Linköping University, Linköping;
Prof. Tomas Grönstedt, Chalmers University of Technology, Gothenburg

SME contacts: Göran Berlemo, Director Aerospace Cluster Sweden

Anders Blom will be the ICAS EC Associate for the two years period before the congress. A focal point of contact for the ICAS Secretariat will be appointed later.

The preparations for ICAS 2022 will be made together with the Professional Congress Organiser *Meetagain*, who are well experienced in organising international congresses. *Meetagain* has helped us organise our semi-national congress in 2016 and will help us arrange our next semi-national congress in 2019, which will be located at the same congress venue that we have selected for ICAS 2022. This will give us first-hand experience of this venue and make sure that everything will be running very smoothly at ICAS 2022. *Meetagain*: www.meetagain.se

ICAS 2022 Registration fees & Tentative budget

The budget is based on 2018 cost figures. The basic scenario for the budget is 650 participants excluding some free registrants from ICAS (Awardees and HFs) and the local organizers.

To facilitate easy comparison the same registration fees and levy as for ICAS 2018 are used. As usual, we can expect some inflation until 2022 and hence the budget should be revised in 2021.

Provisional Attendance and Income

ICAS Members (Early Bird)	250	800 €	200 000
ICAS Members (Normal)	25	950 €	23 750
ICAS Members (On Site)	25	1 050 €	26 250
Non ICAS Members (Early Bird)	150	975 €	146 250
Non ICAS Members (Normal)	45	1 125 €	50 625
Non ICAS Members (On Site)	45	1 250 €	56 250
Retired	10	550 €	5 500
Students	100	150 €	15 000
Total delegates	650		
Accompanying persons	50	75 €	3 750
Income delegates (EUR)			527 375

Students:

We intend to set up a sponsoring program to stimulate the participation of Swedish aeronautical students. Students will also be engaged as support persons in the lecture rooms.

VAT

Registration fees as well as all expenses (except ICAS levy) includes Swedish VAT (25%). VAT will be specified on the registration receipts.

Provisional Expenses

Congress Centre	260 000
Technical Equipment	20 000
Electronic Poster Screens	20 000
Lunches/Coffee breaks/Welcome Sunday	140 000
PCO Meetagain/Congress Staff etc.	70 000
Insurance, bags, USB-sticks etc	10 000
Congress Banquet - basic cost	5 000
Council lunch	3 000
ICAS Officials (hotel rooms)	6 000
ICAS Levy	180 000
Contingency (5% unforeseen)	35 000
TOTAL EXPENSES (EUR)	749 000

Sponsors and exhibitors

We intend to start early to engage sponsors and exhibitors, national as well as international.

Sponsors

Category	Price	Number	Sum
Platinum	50 000	1	50 000
Gold	35 000	2	70 000
Silver	20 000	3	60 000
Supporter	5 000	5	25 000
TOTAL (EUR)			205 000

Exhibitors

Exhibit - level 1	3 000	10	30 000
Exhibit - level 2	1 500	10	15 000
TOTAL (EUR)			45 000

SUMMARY

Income delegates	527 375
Income sponsors	205 000
Income exhibitors	45 000
TOTAL INCOME (EUR)	777 375
TOTAL EXPENSES (EUR)	-749 000
SURPLUS	28 375



Transport – closer than you think

Wherever you are in the world, you'll find Stockholm easily accessible. It's a key hub with direct flight connections to and from 160 major destinations in the Baltic Sea Region, the EU, and the rest of the world. Most of Europe is reachable within three hours. Stockholm is truly a great meeting point – in every sense.

Stockholm Arlanda Airport

Stockholm Arlanda Airport is the primary gateway to Stockholm and Sweden. More than 70 airlines serve non-stop routes to 160 international destinations. Scandinavian Airlines System (SAS) and Norwegian offer the largest number of non-stop flight connections from Stockholm to international destinations. Once you arrive, it's just a 20-minute journey into the city centre with the Arlanda Express train.

Airport link to Stockholm city center

The Arlanda Express Train provides a shuttle service between Stockholm Arlanda Airport and Stockholm Central Station. The journey takes 20 minutes with trains departing every 15 minutes. The train platform is easily accessible, underneath the arrivals terminal. Arlanda Express offers special rates for congress delegates. For further information, see "City Support"-section.

It's also possible to use the regular commuter train service to travel to and from Arlanda airport and Stockholm Central Station. Trains depart twice an hour and the travel time is 38 minutes.

In addition, there is a coach-service departing every 10-15 minutes between Arlanda Airport and the City Terminal –

located next to the Central Station. The travel time is 35-40 minutes.

Taxi and limousine services are available at fixed rates. Travel time: 35-50 minutes, depending on time of day.

Arlanda Visitor Center

A service center at Stockholm Arlanda Airport, providing airport and tourist information, ticket sales for Arlanda Express and airport buses, and more.

Airport VIP services

If you want to give your meeting participants an experience out of the ordinary, you can book VIP services at Stockholm Arlanda Airport. Allow experienced staff take care of all the practical details whilst you and your guests relax.

Climate work

Environmental issues have long been a priority for Stockholm Arlanda Airport, and efforts to implement climate-smart solutions have yielded results. Since 2009, Stockholm Arlanda's work to reduce carbon dioxide emissions has been rated at the highest level of a European program that assesses the environmental work of airports. The target is to have zero emissions of

carbon dioxide from the airport's own operations by 2020.

www.swedavia.com/arlanda/

Bromma Stockholm Airport

Bromma Airport is a smaller airport offering domestic flights as well as flights to selected European destinations. It's located conveniently close to central Stockholm, and waiting times are generally short.

Airport link to Stockholm city center

Bromma Airport offers coach-services with departures timed with arrivals and departures at the airports. Travel time: 20 minutes.

www.swedavia.se/bromma/

Stockholm Skavsta Airport

Stockholm Skavsta Airport is located 100 km south of Stockholm – right next to the main E4-highway. Ryanair, Europe's largest budget airline, has established their first Scandinavian base here and a number of other airlines also operate from the airport.

Airport link to Stockholm city center

Skavsta Airport offers coach-services with departures timed with arrivals and departures at the airports. Travel time: 80 minutes.

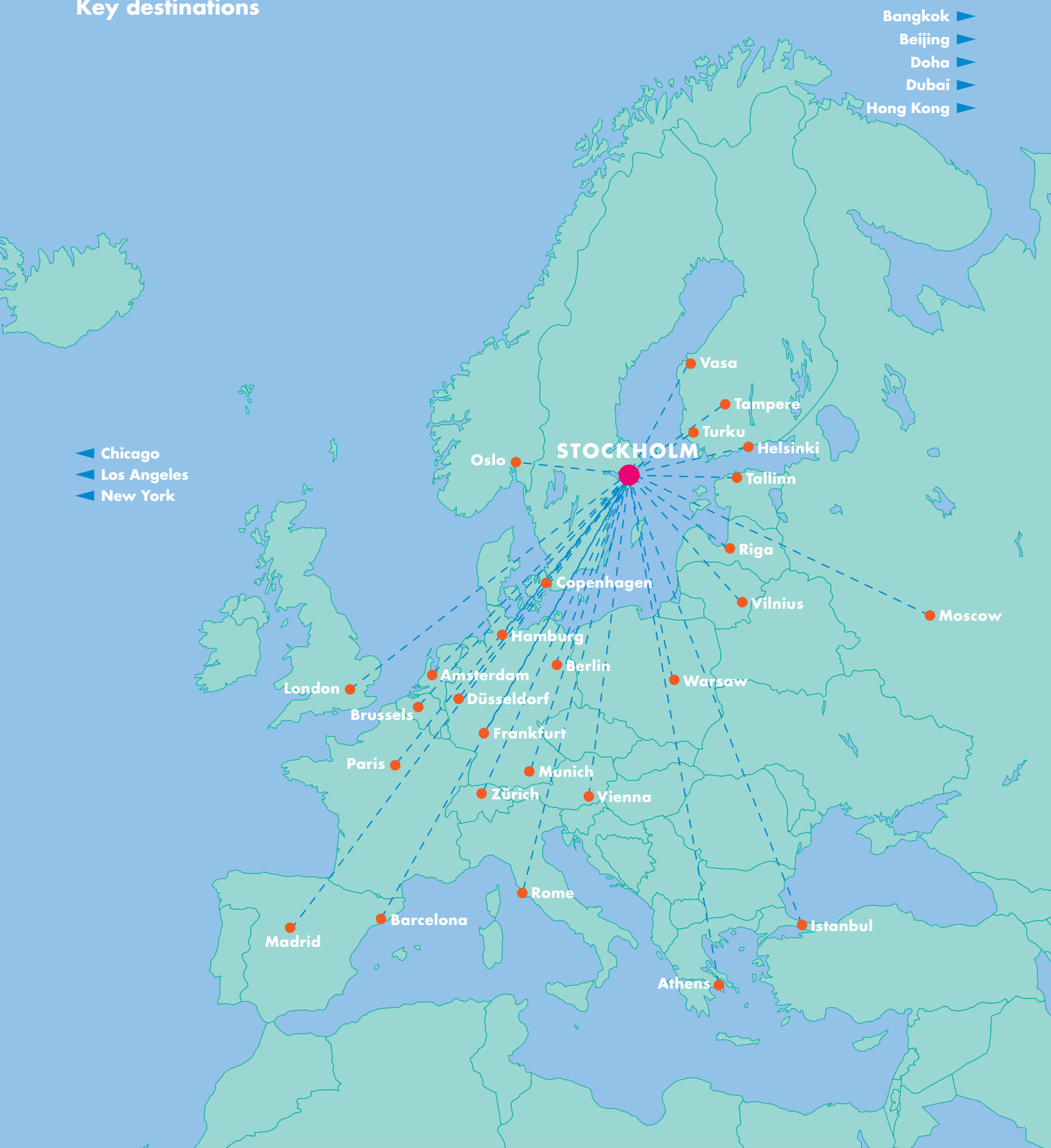
www.skavsta.se

Travel times

- **Stockholm Arlanda Airport – City center:**
20 min by express train.
- **Bromma Stockholm Airport – City center:**
20 min by airport coach.
- **Stockholm Skavsta Airport – City center:**
80 min by airport coach.



Key destinations



Flying times to Stockholm from:

Amsterdam	2 h	Chicago	9 h	Hong Kong	10.5 h	Los Angeles	11 h
Bangkok	10 h	Copenhagen	1 h	Istanbul	3.5 h	New York	8.5 h
Beijing	8.5 h	Frankfurt	2 h	London	2.5 h	Paris	2.5 h

Transport

A selection of direct regular flights to Stockholm

Stockholm Arlanda Airport, September 2017

Destination	No. of arrivals /week	Flying time
<i>Europe:</i>		
Alicante	19	3 h 50 min
Amsterdam	64	2 h 00 min
Athens	8	3 h 40 min
Barcelona	29	3 h 15 min
Belgrade	7	2 h 35 min
Bergen	19	1 h 15 min
Berlin	47	1 h 30 min
Billund	15	1 h 25 min
Birmingham	3	2 h 35 min
Bordeaux	2	3 h 25 min
Brussels	16	2 h 10 min
Bucharest	6	2 h 45 min
Budapest	6	2 h 20 min
Cologne	4	2 h 00 min
Copenhagen	139	1 h 10 min
Dublin	10	2 h 45 min
Dubrovnik	5	2 h 55 min
Düsseldorf	21	2 h 00 min
Edinburgh	9	2 h 20 min
Eindhoven	4	2 h 15 min
Faro	5	4 h 25 min
Frankfurt	55	2 h 05 min
Gdansk	3	1 h 35 min
Geneva	7	2 h 35 min
Gran Canaria	3	5 h 55 min
Hamburg	25	1 h 35 min
Helsinki	128	0 h 55 min
Istanbul	35	3 h 20 min
Karleby/Jakobstad	7	1 h 25 min
Kiev	13	2 h 30 min
Krakow	8	1 h 55 min
Lisbon	9	4 h 10 min
London	116	2 h 35 min
Luxembourg	7	2 h 45 min
Madrid	14	3 h 50 min
Malaga	33	4 h 15 min
Malta	3	3 h 50 min
Manchester	18	2 h 25 min
Mariehamn	11	0 h 30 min
Milan	15	2 h 40 min
Minsk	4	1 h 40 min
Moscow	19	2 h 05 min
Munich	41	2 h 10 min
Nice	16	2 h 55 min

Destination	No. of arrivals/week	Flying time
<i>Europe:</i>		
Oslo	142	0 h 55 min
Palma	18	3 h 40 min
Paris	47	2 h 30 min
Pisa	2	2 h 55 min
Pori	11	0 h 55 min
Prague	22	1 h 55 min
Reykjavik	21	3 h 10 min
Riga	47	1 h 00 min
Rome	18	2 h 55 min
Sarajevo	2	2 h 50 min
Split	5	2 h 45 min
St. Petersburg	10	1 h 15 min
Stavanger	5	1 h 20 min
Stuttgart	5	2 h 20 min
Tallinn	49	0 h 55 min
Tampere	18	0 h 55 min
Trondheim	13	1 h 10 min
Turku	23	0 h 50 min
Vaasa	23	1 h 00 min
Venice	2	2 h 40 min
Vienna	27	2 h 20 min
Vilnius	19	1 h 35 min
Warsaw	21	1 h 45 min
Zagreb	4	2 h 40 min
Zurich	35	2 h 30 min
<i>Africa:</i>		
Addis Abeba	5	9 h 25 min
Casablanca	2	6 h 00 min
<i>Asia:</i>		
Bangkok	8	10 h 20 min
Beijing	7	8 h 25 min
Beirut	3	4 h 15 min
Doha	14	6 h 05 min
Dubai	6	6 h 15 min
Hong Kong	5	10 h 20 min
New Delhi	3	7 h 10 min
Singapore	5	13 h 55 min
Tehran	2	5 h 35 min
Tel Aviv	2	4 h 35 min
<i>North America:</i>		
Chicago	7	9 h 00 min
Ft Lauderdale	2	10 h 05 min
Los Angeles	10	11 h 00 min
New York	11	8 h 30 min
Oakland	3	10 h 30 min

Bromma Airport Stockholm, September 2017

Destination	No. of arrivals/week	Flying time
<i>Europe:</i>		
Aarhus	10	1 h 20 min
Brussels	22	2 h 25 min
Helsinki	23	1 h 10 min

Stockholm Skavsta Airport, September 2017

Destination	No. of arrivals/week	Flying time
<i>Europe:</i>		
Alicante	6	3 h 55 min
Barcelona	5	3 h 20 min
Belgrade	2	2 h 30 min
Biarritz	2	3 h 10 min
Beziers	2	3 h 10 min
Bremen	3	1 h 25 min
Brussels, Charleroi	3	2 h 10 min
Bucharest	2	2 h 45 min
Budapest	6	2 h 05 min
Gdansk	21	1 h 05 min
Düsseldorf, Weeze	3	2 h 00 min
Katowice	4	1 h 40 min
Krakow	5	1 h 50 min
London, Stansted	14	2 h 25 min
Lublin	2	1 h 40 min
Malaga	3	4 h 25 min
Malta	3	3 h 55 min
Milan, Bergamo	7	2 h 35 min
Palma de Mallorca	3	3 h 35 min
Paris, Beauvais	4	2 h 30 min
Pafos (Cyprus)	1	4 h 20 min
Pisa	3	2 h 50 min
Poznan	3	1 h 35 min
Rijeca	2	2 h 30 min
Rhodes	2	3 h 50 min
Rome, Ciampino	5	2 h 55 min
Skopje	2	3 h 00 min
Thessaloniki	2	3 h 10 min
Treviso	2	2 h 25 min
Tuzla	2	2 h 35 min
Vilnius	2	1 h 25 min
Warsaw	7	1 h 30 min
Warsaw, Modlin	6	1 h 30 min
Wroclaw	3	1 h 40 min
Zadar	2	2 h 35 min

Transport

Operating Airlines

Stockholm Arlanda Airport

More than 70 airlines fly international routes at Stockholm Arlanda Airport.

Aegean Airlines
Aeroflot
Air Arabia
Air Baltic
Air Berlin

Air Europa
Air China
Air France
Air India
Air Mediterranean

Air Serbia
Ais Airlines
Alba Star
Alitalia
Atlas Global

Austrian Airlines
Belavia
Blue Air
BRA
British Airways

Bulgarian Air Charter
Condor
Corendon Airlines
Croatia Airlines
CSA Czech Airlines

Danish Air Transport
Delta Airlines
EasyJet
Emirates
Ethiopian Airlines

Eurowings
Finnair
Freebird International
Germania
Germanwings

Iberia
Icelandair
Iran Air
Iraqi Airways
Jet Time

KLM Royal Dutch Airlines
LOT Polish Airlines
Lufthansa
Luxair
Malmö Aviation

Monarch
Neos
NextJet
NIKI Air
Norwegian

Novair
Pegasus Airlines
Primera Air
Qatar Airways
Royal Air Maroc

SAS, Scandinavian Airlines
Singapore Airlines
Sparrow Aviation
SunExpress
Swiss

TAP Portugal
Tarom
Thai Airways International
Thomas Cook Airlines Scandinavia
Thomson

Transavia
Tuifly Nordic
Turkish Airlines
Ukraine International
United Airlines

Vueling
Wings of Lebanon
Zagrosjet Airlines

Source:
www.swedavia.com/arlanda/airlines/

Bromma Airport Stockholm

BRA
British Airways

Brussels Airlines
Finnair

Source:
www.swedavia.com/bromma/airlines

Stockholm Skavsta Airport

Ryanair
Wizz Air

Source:
www.skavsta.se

Transport

Travel within Stockholm

Public transport

Public transport is excellent in Stockholm, so getting around is easy. The city's extensive and well-organized transport infrastructure includes a subway network, commuter trains, buses as well as trams and boats. Subsidized travel cards can be used on all public transport/routes shown on the map below. For further information on subsidized travel cards, see "City Support"-section.

To Stockholm Waterfront Congress Centre

Stockholm Waterfront Congress Centre is located right in the heart of Stockholm – just a 2-minute walk from the Central Station and within walking distance from shopping areas, restaurants and tourist attractions (nearest station T-centralen/Central station, see the rail network map below).



Stockholm - Spårtrafikkarta Rail Network Map



Tunnelbana
Metro

10 11

13 14

17 18 19

Blå linjen

Red Line

Gröna linjen

Blue Line

Green Line

Annan spårtrafik
Other rail services

7

12

21

22

25 26

27 28 29

35 36 37 38

Linje 7 Tram

Nockebybanan Tram

Lidingöbanan Tram

Tvärbanan Tram

Saltsjöbanan Light rail

Roslagsbanan Light rail

Pendeltåg Commuter rail

Flygplats
Airport

SL Center
SL Travel Centre

Information
Information

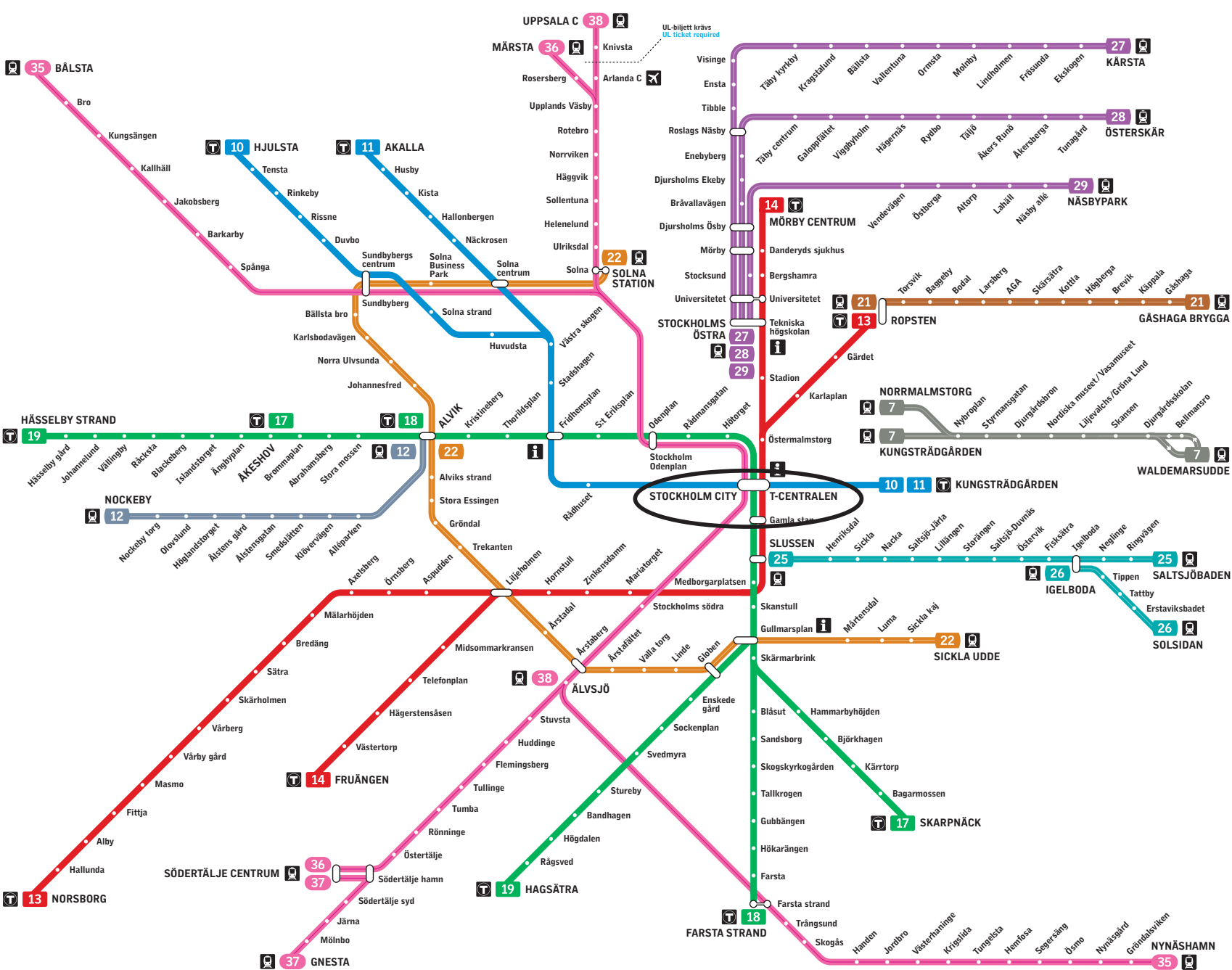
SL Kundtjänst
För information om SL:s
hela trafiksystem, se sl.se
Tel 08-600 10 00

SL Customer Services
For information about
SL's rail network system,
please visit sl.se
Tel 08-600 10 00

Biljettpreiser
Fares

För priser, se separat pris-
information eller kontakta
personalen.

For fares, please see separate
fare information or contact
the SL staff.





Accommodation

A very important part of a congress, or any trip for that matter, is where you stay. With some 36,000 hotel rooms to choose from in central Stockholm and nearby areas, you'll be able to find exactly what you're looking for.

A room for every taste

Hip designer cool, homespun family charm, extravagant luxury, familiar international chains, or why not something that rocks gently on the water – whatever your preferences, you will have no problems finding suitable accommodation in The Capital of Scandinavia.

Stockholm offers attractive accommodation in most price ranges. The mid-range hotels are well known for their high standard, as are the hostels. Room rates in hotels generally include breakfast.

An ever-growing capacity

The Greater Stockholm area has more than 300 hotels and some 36,000 rooms. There are 8,400 hotel rooms within a 10-minute walk of the Central Station alone. All are within walking distance of the city's main attractions.

This already large capacity is growing substantially every year as new and exciting hotel projects come on line. Needless to say, the large selection of readily available accommodations takes one large obstacle out of the equation when planning a congress.

Sustainability

Stockholm's hotels are at the forefront when it comes to sustainability and a vast majority is sustainability accredited by third party certifying bodies. In fact, hotels simply can't survive in the Swedish hotel market without credible, well-documented sustainability efforts.

Free high-speed Wi-Fi

Free, high-speed Internet access in the hotels is the norm.

Rating system

Hotels in Sweden are classified according to the star rating system employed by the Hotelstars Union, which provides a harmonized hotel classification with common criteria and procedures in the participating countries. The classification system is voluntary.

For more info, visit: www.hotelstars.eu

Accommodation

Suggested hotels

The delegates will be able to choose among a number of hotels in different price categories. Here are a few examples of hotels that are situated within walking distance from the Central Station as well as from the conference venue.

Five star hotels:

Hotel At Six

343 hotel rooms
Brunkebergstorg 6

info@hotelatsix.com
<https://hotelatsix.com>

Walking distance to Central Station: 5 minutes.

Sheraton Stockholm Hotel

465 hotel rooms
Tegelbacken 6

sheraton.stockholm@sheraton.com
www.sheraton.com/stockholm

Walking distance to Central Station: 2 minutes.

Four star hotels:

Radisson Blu Waterfront Hotel

414 hotel rooms
Nils Ericsson plan 4

info.waterfront.stockholm@radissonblu.com
www.radissonblu.com/waterfronthotel-stockholm

Walking distance to Central Station: 2 minutes. Connected to Stockholm Waterfront Congress Centre.

Radisson Blu Royal Viking

459 hotel rooms
Vasagatan 1

Meetings.RoyalViking.Stockholm@radissonblu.com
www.radissonblu.com/royalvikinghotel-stockholm

Walking distance to Central Station: 1 minute.

Scandic Continental

392 hotel rooms
Vasagatan 22

continental@scandichotels.com
www.scandichotels.com/continental

Walking distance to Central Station: 2 minutes.

Clarion Hotel Sign

558 hotel rooms
Östra Järnvägsgatan 35

cl.sign@choice.se
www.clarionsign.com

Walking distance to Central Station: 5 - 10 minutes.

Haymarket by Scandic

405 rooms
Hötorget 13-15

haymarket@scandichotels.com
www.scandichotels.com/haymarket

Walking distance to Central Station: 5 minutes.

Three star hotels:

Best Western Kom Hotel

143 hotel rooms
Döbelnsgatan 17

reception@komhotel.se
www.komhotel.se

Walking distance to Central Station: 15 minutes.

First Hotel Kungsbron

151 rooms
Västra Järnvägsgatan 17

info@kungsbronhotell.se
www.firsthotels.se/Kungsbron/

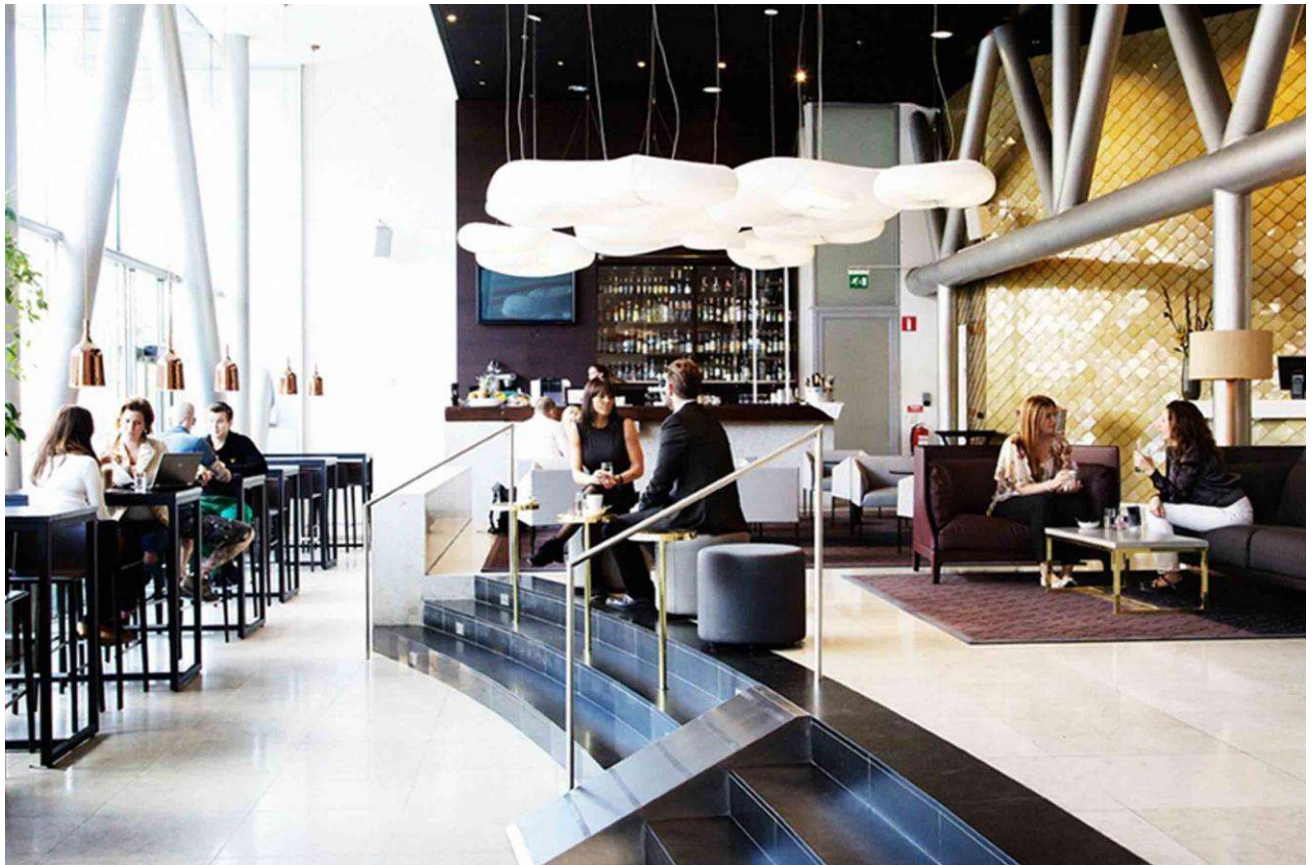
Walking distance to Central Station: 2 minutes.

Scandic No 53

274 rooms
Kungsgatan 53

no53@scandichotels.com
www.scandichotels.com/no53

Walking distance to Central Station: 5 minutes.



Budget hotels & hostels:

Generator Hostel

251 rooms / >800 beds

Torsgatan 10

stockholm@generatorhostels.com

www.generatorhostels.com/destinations/stockholm

Walking distance to Central Station:
10 minutes.

City Backpackers Hostel

140 beds

Upplandsgatan 2A

info@citybackpackers.se

www.citybackpackers.se

Walking distance to Central Station: 5-
10 minutes.



Pre and Post Congress Tours - so near and yet so far

If you can bear to drag yourself away from the beauty and delights of Stockholm, you'll find dramatically different environments and cultures within easy reach. From the magnificent rocky landscape of Gotland, to the splendor of the midnight sun in the far north.

Swedish Lapland, Europe's last wilderness

Lapland, a province north of the Arctic Circle, could well be the last wilderness in Europe. This is the land of the Midnight Sun where, from May until August, there is daylight around the clock. In wintertime, you can experience the spectacular "Northern lights" (Aurora Borealis).

You will be introduced to the culture and traditions of the indigenous Sami people and the countryside and wildlife of Lapland, including activities such as fishing, hiking and whitewater rafting.

www.visit-sweden.com

Gotland, the island of opportunities

Gotland is an island in the Baltic Sea some 90 kilometers from the Swedish mainland. It has a fascinating history, and has more registered ancient monuments than any other region in Sweden.

Visby, a typical Hanseatic town, has been perfectly preserved and is on the UNESCO world heritage list. The town is ring walled and boasts a street grid with buildings from the Middle Ages and onwards.

Why not offer your guests a trip to the "raukarna", rock formations on the small island of Fårö combined with a coffee break in a picturesque fishing village? Sea fishing, visit to the Lummelunda Caves or a medieval adventure for the adventurous. A guided city walk and a visit to some of Visby's ruins for the culturally interested.

www.gotlandconvention.se www.visit-sweden.com

Kingdom of Crystal

There are 15 glassworks within a radius of a few Swedish miles that create the every-day glassware and colorful works of art that are renowned worldwide for their beauty. This region, from which many people emigrated and travelled to America, is now bustling with life, art and activity.

The small area in the counties of Kronoberg and Kalmar in Småland receives over a million visitors each year. Many people return here over and over again. It's easy to see why. One never tires of the spectacle of red-hot molten glass being transformed into fragile crystal or robust bowls.

www.glasriket.se

A visit to Sweden's neighboring countries

Within an hour's flight from Stockholm you will reach the other Scandinavian capitals – Oslo, Copenhagen and Helsinki. Charming and colorful like Stockholm but still with its own distinctive characteristics!

Or you might want to catch a flight to one of the Baltic countries? The three capitals Tallinn, Riga and Vilnius are renowned for their charming old town areas, full of architectural gems. Each city has its own distinctive cultural tradition and historical heritage.





Visa Requirements

In general, access for international participants to conventions in Sweden is not a problem. However, if you wish to visit Sweden for business or to attend a conference and are a citizen of a country outside the EU, you will in most cases need a visa.

Access

Sweden is member of the Schengen Cooperation. The Schengen Cooperation allows those who have a visa to travel to Sweden also to travel to the other member countries. The countries that form part of the Schengen Cooperation are often referred to as Schengen countries. Today 26 countries have become a party to the cooperation.

A visa granted by any one of these countries is also valid for visits to the others. In exceptional cases – for example, if the holder's passport is not approved by all Schengen countries – the visa may only be valid for entry into the issuing country or only for certain countries

Further information

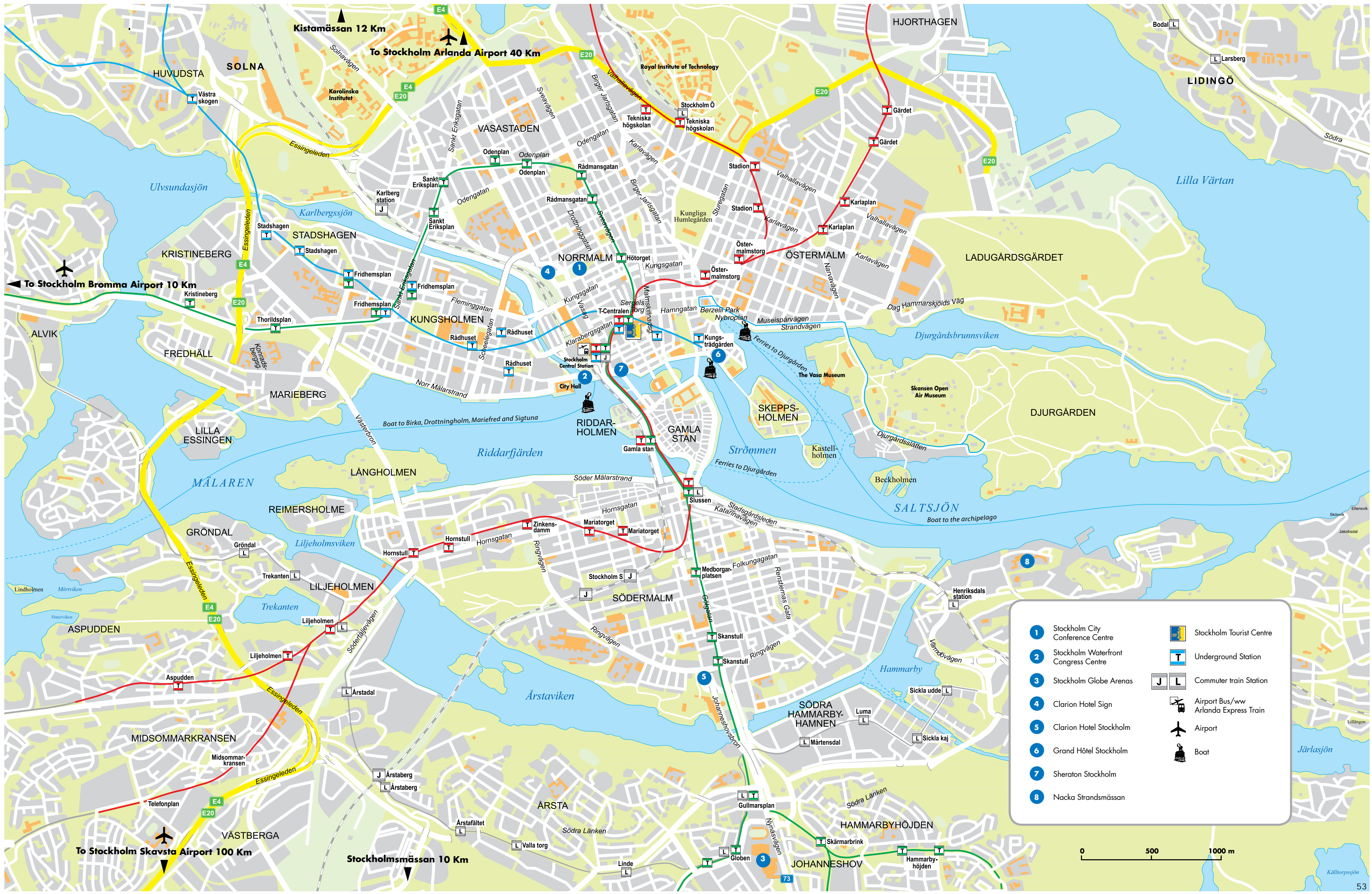
To make sure you get the absolute latest information and information on how to apply, please follow the below link to the Swedish Migration Board's website:

www.migrationsverket.se/English/Private-individuals/Visiting-Sweden/Visiting-on-business-and-for-conferences.html

Countries whose nationals are required to get a visa for Sweden

Please follow the link below:

www.government.se/government-policy/migration-and-asylum/list-of-foreign-citizens-who-require-visa-for-entry-into-sweden/



- | | | | |
|---|--------------------------------------|--|--------------------------------------|
| 1 | Stockholm City Conference Centre | | Stockholm Tourist Centre |
| 2 | Stockholm Waterfront Congress Centre | | Underground Station |
| 3 | Stockholm Globe Arenas | | Commuter train Station |
| 4 | Clarion Hotel Sign | | Airport Bus/ww Arlanda Express Train |
| 5 | Clarion Hotel Stockholm | | Airport |
| 6 | Grand Hôtel Stockholm | | Boat |
| 7 | Sheraton Stockholm | | |
| 8 | Nacka Strandsmässan | | |

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List of Support Letters

The City of Stockholm

Eva-Louise Erlandsson Slorach
President of the Stockholm City Council

Ministry of Enterprise and Innovation

Mikael Damberg
Minister for Enterprise and Innovation

Swedish Armed Forces – Swedish Air Force

Major General Mats Helgesson
Air Force Chief of Staff

Swedish Defence Materiel Administration (FMV)

Dan Ohlsson
Deputy General Director

Saab AB

Pontus de Laval
Chief Technology Officer

GKN Aerospace Sweden AB

Dr. Henrik Runnemalm
Director Research and Technology

Swedish Aerospace Industries

Anna Rathsman
Director

Innovair - Strategic Innovation Programme for Aeronautics

Dr. Anders Blom
Director

Aerospace Cluster Sweden (ACS)

Göran Berlemo
Managing Director

Royal Swedish Academy of Engineering (IVA)

Tuula Teeri, Professor
President

Swedish Aeronautical Research Center (SARC)

Dan Henningson, Professor
Director

Swedish Air Transport Society

Henrik Littorin
Secretary General

International Council of the
Aeronautical Sciences, ICAS

Dear Sir,

On behalf of the City of Stockholm I take pleasure in cordially inviting the Congress of the International Council of the Aeronautical Sciences, ICAS, to Stockholm in 2022.

Stockholm is built on fourteen islands with surrounding water so clean that one can even go for a swim in the summertime in the city centre and go fishing just outside the Royal Palace. The landscape, and the unique archipelago of 30 000 islands, offers numerous excursions to all visitors. With its well-preserved medieval city centre, royal palaces and impressive monuments, Stockholm is considered to be of great beauty and historical interest. Culture, entertainment and restaurants abound catering all tastes.

Stockholm is the fastest growing city in Western Europe. We are building 140 000 new homes in less than twenty years, tens of thousands of which will be in green housing areas. The next generation's eco housing district, the Stockholm Royal Sea Port, is currently being developed in a former industrial port area using innovative green technology. The area will be fossil fuel free by 2030. Stockholm's deep commitment to sustainable urban development was awarded in 2010 by the European Commission, when the city was designated the first European Green Capital for its ambitious environmental work.

As Northern Europe's leading growth region, Stockholm is characterized by a highly innovative and knowledge-intensive climate. Among other things, the city promotes entrepreneurship through Start-up Stockholm, a centre for innovation consultancy, where free counselling is offered by professional advisors. Thanks to Kista Science City, one of the world's leading ICT clusters, Stockholm has become an international centre for wireless technology, broadband and mobile applications.

In the world of science, medicine and literature, Stockholm is associated with Alfred Nobel and the Nobel Prize. The City Hall of Stockholm, site of the annual Nobel Prize Award festivities, often hosts receptions of international conventions.

City of Stockholm

City Hall
SE-105 35 Stockholm
SWEDEN
Telephone: +46 8 508 290 00
councilpresident@stockholm.se
stockholm.se

On behalf of the City of Stockholm we wish to announce our full support and welcome you to organize the ICAS 2022 Congress in the Swedish capital. We are happy to assist you in turning the congress into a success. We are confident that Stockholm will measure up to your highest expectations and sincerely hope that you will allow our city the privilege and pleasure of receiving you here in 2022.

Sincerely yours,



Eva-Louise Erlandsson Slorach
President of the Stockholm City Council

City of Stockholm

City Hall
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SWEDEN
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councilpresident@stockholm.se
stockholm.se



12 April 2018
N2018/02429

Ministry of Enterprise and Innovation
Minister for Enterprise and Innovation

Dr Susan Ying
ICAS President

2022 Congress of the International Council of the Aeronautical Sciences

I hereby express my strong support for the bid by the Swedish Society for Aeronautics and Astronautics to host the 2022 Congress of the International Council of Aeronautical Sciences (ICAS) in Stockholm, Sweden.

Sweden is a successful research and innovation country and our industry, like the aeronautical industry, has a long tradition of R&D. According to the European Innovation Scoreboard (EIS) Sweden ranks as the number one innovation nation in the EU and is a global innovation leader according to international rankings. Swedish R&D expenditure is also among the highest in the world and we hold a strong position in aeronautical industry. Furthermore, Sweden has set ambitious climate and environmental goals to contribute to the UN Agenda 2030 and the Paris Agreement. The goals cannot be achieved without innovation in manufacturing industry. I believe that this combination makes Sweden a strong candidate for the 2022 ICAS.

Last year the Swedish government launched a Swedish aviation strategy that highlights the importance of an innovative aeronautical industry. The Government also broadened the national aeronautic programme to accommodate increased international cooperation. Working together across borders and over traditional sectoral boundaries we can make a bigger impact, and for this purpose ICAS serves as an important arena.

Yours sincerely,

Mikael Damberg
Minister for Enterprise and Innovation



SWEDISH ARMED FORCES
HEADQUARTERS
MAJ GEN MATS HELGESSON
Air Force Chief of Staff

1 March 2018

Dr Susan Ying
ICAS President

2022 Congress of the International Council of the Aeronautical Sciences

On behalf of the Swedish Air Force, I am writing to express our strong support for the bid by the Swedish Society for Aeronautics and Astronautics, to host the 2022 Congress of the International Council of Aeronautical Sciences in Stockholm, Sweden.

The Swedish Air Force has a long tradition of cooperation with both our aeronautical industries and our academic partners in developing military aircraft and their systems in order to maintain a strong defense and security capability.

In terms of overall competence related to the size of our population, the technical expertise in Aeronautics in Sweden is second to none. However, the globalization naturally leads to an ever increasing need for international collaboration in research and innovation. The Swedish Air Force therefore look forward to seeing the 2022 Congress of the International Council of the Aeronautical Sciences being held in Stockholm Sweden.

Yours sincerely,

Major General Mats Helgesson
Air Force Chief of Staff



Unclassified

LETTER

Date

2018-03-13

FMV Document ID

Subject type

Document number

Page

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ICAS Secretariat

Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und
Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Your reference

Your date

Your document ID

Support letter for Swedish application to host 2022 Congress of the International Council of the Aeronautical Sciences

On behalf of the Swedish Defence Materiel Administration, I am writing to express our strong support for the bid by the Swedish Society for Aeronautics and Astronautics (FTF), to host the 2022 Congress of the International Council of Aeronautical Sciences in Stockholm, Sweden.

The Swedish Defence Materiel Administration has a long tradition of leading development with both aeronautical industries and academia in developing indigenous military aircraft and their systems in order to maintain a strong defence and security capability.

In terms of overall competence related to the size of our population, the technical expertise in Aeronautics in Sweden is very strong. However, the globalization naturally leads to an increasing need for international collaboration in research and innovation. We therefore look forward to and support FTF in hosting all the ICAS attendants in Stockholm.

FÖRSVARETS MATERIELVERK

Dan Ohlsson
Deputy General Director

FMV

Swedish Defence Materiel
Administration

S-115 88 Stockholm

Visitors address: Banérgatan 62

Tel: +46 8-782 40 00

Fax: +46 8-667 57 99

registrator@fmv.se

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Org.nr: 202100-0340

VAT nr: SE202100-0340-01

ICAS Secretariat
Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Datum *Date* Ert datum *Your date*
March 22, 2018
Vår handläggare, telefon *Handled by, telephone*
Maria Jareland, +46 734 184926
Vår referens *Our reference*
CD-18-013
Er referens *Your reference*

Dear Dr. Ying

2022 Congress of the International Council of the Aeronautical Sciences

Saab is very pleased to endorse the offer by the Swedish Society for Aeronautics and Astronautics (FTF), to convene the 2022 Congress of the International Council of the Aeronautical Sciences (ICAS) in Stockholm, Sweden.

Saab serves the global market with world-leading products, services and solutions within aeronautics, military defence and civil security.

To international visitors, ICAS 2022 will be a great possibility to get acquainted with the recent progress made by the Swedish aerospace industry in development and manufacturing of aerospace products.

Stockholm is a magnificent city in which to hold this important and prestigious international congress. As well as being able to provide a perfect infrastructure required for a successful congress, Stockholm can offer delegates a wonderful experience of Sweden. I have no doubt that the selected convention facilities, including the range of accommodation and options for social activities, would be very much appreciated by the delegates.

Yours sincerely,

Saab AB (publ)
Group Strategy



Pontus de Laval
Chief Technology Officer

Saab AB (publ)

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Registered office
Linköping

Registered No
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VAT No
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ICAS Secretariat
Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Trollhättan March 20 2018

Dear Dr. Ying

2022 Congress of the International Council of the Aeronautical Sciences

On behalf of GKN Aerospace Sweden AB, I am writing to express a warm welcome and my strong support for the bid by the Swedish Society for Aeronautics and Astronautics, to host the 2022 Congress of the International Council of Aeronautical Sciences in Stockholm, Sweden.

GKN Aerospace is a major player in the field of aerospace with more than 17000 employees. As part of this group, GKN Aerospace Sweden AB has more than 2000 employees working on commercial, military and space applications and has a long history in aeronautics providing propulsion solutions for all major Swedish military fighter aircrafts since 1930. GKN also design and manufacture commercial engine components in close collaboration with the major Engine OEMs. GKN is also the European center of excellence for turbo pumps and nozzle extensions for the ARIANE space launcher program.

I commend the initiative of the Swedish Society for Aeronautics and Astronautics in offering to convene the 2022 ICAS Congress in Stockholm.

Yours sincerely,



Dr. Henrik Runnemalm
Director Research and Technology
GKN Aerospace Sweden AB

Stockholm March 23 2018

ICAS Secretariat
Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Dear Dr. Ying

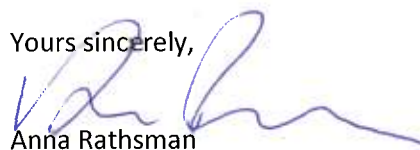
It is my great pleasure to write this letter in support of the Swedish Society for Aeronautics and Astronautics (FTF), proposing Stockholm, Sweden as the venue of the 2022 Congress of the International Council of the Aeronautical Sciences (ICAS 2022).

Swedish Aerospace Industries (SAI) is a trade organization and association for the civil aerospace industry in Sweden. Members of the association are companies GKN Aerospace, OHB Sweden, Omnisys, RUAG Space, Saab, SSC, ÅAC Microtec.

ICAS 2022 will be a great event for SAI members to join this international aerospace forum for exhibition and information exchange. The chosen venue, Stockholm Waterfront Congress Centre, will be a perfect place for such an event.

To international visitors, ICAS 2022 will be a great chance to browse the recent progress made by the Swedish aerospace industry in development and manufacturing of aerospace products.

Yours sincerely,



Anna Rathsmann
Director
Swedish Aerospace Industries



Stockholm March 20 2018

ICAS Secretariat

Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Dear Dr. Ying, Dear Susan,

Support for the Swedish Proposal to arrange ICAS 2022 in Stockholm, Sweden

On behalf of the national strategic innovation program for Aeronautics, Innovair, I fully support the Swedish Society for Aeronautics and Astronautics (FTF) to host the 2022 Congress of the International Council of Aeronautical Sciences in Stockholm, Sweden.

Innovair consists of all Swedish actors involved in research and innovation within the general scope of aeronautics. Our funding comes from both Ministry of Trade and Innovation and Ministry of Defence. Members of Innovair include our larger industries, SMEs, Institutes, Academia, and Agencies like the Armed Forces and the Defence Materiel Administration.

Innovair will fully support FTF in the present endeavor, acting as co-organizer of the event and making sure that all Swedish actors, that receive national funding for aeronautical research and innovation, submit abstracts to ICAS 2022 ensuring a healthy national participation.

FTF and Innovair both have extensive experience of arranging national and international events. Recently the two organizations independently or together arranged CEAS in Linköping 2013, and Aerospace Technology 2016 in Stockholm. Formerly, ICAS has also been successfully arranged in Stockholm in 1962 and 1990.

The proposal to host ICAS 2022 in Stockholm benefits from strong support from all our members, but also from the venue itself. Stockholm is considered one of the most attractive cities in the world, with a location on the water front, access to a vast archipelago, and all the amenities in terms of food, lodging and culture that can be expected of a modern capital.

Anders Blom
Director Innovair

ICAS Council Member

Aerospace Cluster Sweden
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**AEROSPACE
CLUSTER
SWEDEN**



EUROPEISKA
UNIONEN
Europeiska
regionala
utvecklingsfonden

LINKÖPING MARCH 13 2018

ICAS Secretariat

Attn: Dr. Susan Ying, ICAS President

c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee
7053175 BONN, Germany

Dear Dr. Ying

This letter is written in support of the Swedish Society for Aeronautics and Astronautics (FTF), proposing Stockholm, Sweden as the venue of the 2022 Congress of the International Council of the Aeronautical Sciences (ICAS 2022).

Aerospace Cluster Sweden (ACS) is an organization consisting of some 60 small and medium enterprises working within the aerospace sector. Our larger industries are also members and aid in the development of the SMEs.

To have ICAS 2022 in Sweden will be a great opportunity for our members to benefit from this international aerospace forum. Several of our member companies are likely to also want to take part in the planned exhibition and information exchange. The chosen venue, Stockholm Waterfront Congress Centre, is the best location in Sweden for such an event.

For all international participants, not only is Stockholm a world class venue in itself, but they will also have the opportunity to interact with select companies from our network.

Yours sincerely,

Göran Berlema

MANAGING DIRECTOR
AEROSPACE CLUSTER SWEDEN



ROYAL SWEDISH ACADEMY OF ENGINEERING SCIENCES

March 15, 2018

ICAS Secretariat
Attn: Dr. Susan Ying, President, ICAS
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN
Tyskland

Dear Dr. Ying,

I write to express support for the application from the Swedish Society for Aeronautics and Astronautics (FTF), proposing Stockholm, Sweden as the venue of the 2022 Congress of the International Council of the Aeronautical Sciences (ICAS 2022).

The Royal Swedish Academy of Engineering Sciences (IVA) is an independent Academy with the aim to further the technical and economic sciences, and industrial development. With some 1300 members IVA has 12 technical divisions where Aeronautics is one of the early disciplines with large importance to Swedish society in terms of technology transfer and being a leading innovation system.

IVA shall be very happy to see ICAS 2022 taking place in Stockholm, and expect many of our members to actively be involved in the conference.

For international visitors, not only will they be able to interact with leading scientist from our various universities and industries, but they will also explore one of the most attractive capitals in the world.

Yours sincerely,

Tuula Teeri, Professor
President



Stockholm, Sweden 2018-03-20

ICAS Secretariat

Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Dear Dr. Ying

It is my great pleasure to write this letter in support of the Swedish Society for Aeronautics and Astronautics (FTF), proposing Stockholm, Sweden as the venue of the 2022 Congress of the International Council of the Aeronautical Sciences (ICAS 2022).

Swedish Aeronautical Research Center (SARC) is a newly started national network of aeronautics researchers in Sweden. Members of the association are mainly from the large research universities in Sweden.

ICAS 2022 will be a great event for SARC members to join this international aerospace forum for exhibition and information exchange. The chosen venue, Stockholm Waterfront Congress Centre, will be a perfect place for such an event.

To international visitors, ICAS 2022 will be a great chance to browse the recent progress made by the Swedish aerospace industry in development and manufacturing of aerospace products.

Yours sincerely,

Dan Henningson

A handwritten signature in blue ink, appearing to read "Dan Henningson", is written over a light blue horizontal line.

Director
Swedish Aeronautical Research Center (SARC)

Stockholm, March 29th 2018

ICAS Secretariat
Attn: Dr. Susan Ying, ICAS President
c/o Deutsche Gesellschaft für Luft- und Raumfahrt
Godesberger Allee 70
53175 BONN, Germany

Dear Dr. Ying

2022 Congress of the International Council of the Aeronautical Sciences

On behalf of the Swedish Air Transport Society, I am delighted to fully support the nomination of Stockholm as host city for the 2022 Congress of International Council of Aeronautical Sciences.

The Swedish Air Transport Society brings together aviation industry stakeholders in Sweden so that they can speak with one voice – our mission is to promote better regulation, policy, innovation and a sustainable growth for the benefit of the Swedish society.

Our members include airports, airlines, manufacturers, and air navigation service providers. We work together with unions, chambers of commerce, tourism and trade partners, ground transportation and communications providers.

These members are very much in favor of having ICAS 2022 taking place in our capital. In this way they can interact with leading researchers and listening to the newest results on, for example, how to reduce pollution and noise, including biofuels and electric propulsion. Conversely, the foreign attendants to the meeting will have possibilities to discuss these matters with representatives from our members who constitute the entire value chain of aviation.

Stockholm itself will be an excellent venue for ICAS 2022 as the city is considered one of the most beautiful, attractive and safest capitals in the world. The opportunity of having a reception in Stockholm City Hall is a unique experience, as this is where the Nobel prizes are being awarded every year.

I very much endorse this application and hope to see ICAS 2022 in Stockholm.



Henrik Littorin

Secretary General
Swedish Air Transport Society

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Stockholm:	Nicho Södling/ mediabank.visitstockholm.com	At the quay on Strandvägen
Sweden:	Olof Holdar/ mediabank.visitstockholm.com	High rises in the city
Aeronautics in Sweden:	SAAB (page 1 & 2) GKN Aerospace Engine (page 3) Innovair (page 4)	
Arrangements for ICAS 2022:	Erik G Svensson/ mediabank.visitstockholm.com Stockholm Waterfront Congress Centre Nobel Media/Helena Paulin Strömberg/ mediabank.visitstockholm.com Vasa Museum Ola Ericson/ imagebank.sweden.se Jeppe Wikström /mediabank.visitstockholm.com SAAB GKN Aerospace Engine SAAB	Stockholm Waterfront Congress Centre Stockholm Waterfront Congress Centre x 3 Nobel banquet at City Hall Banquet at the Vasa Drottningholm Palace Restaurant in Old Town
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Visit Stockholm

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