

*Knut and Alice
Wallenberg
Foundation*

Sara Mazur, Executive Director KAW

Family history in Short

1856

Stockholms Enskilda Bank (SEB) was founded by André Oscar Wallenberg

1877

SEB takes over many large businesses during the economic crisis

1916

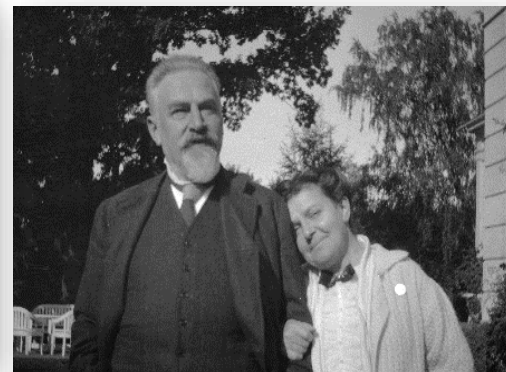
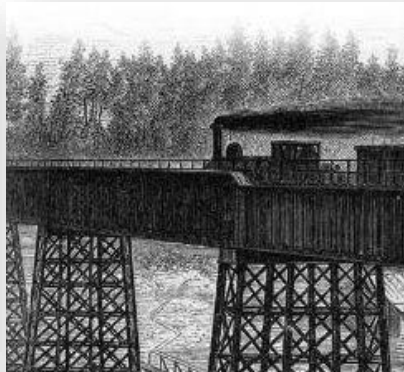
After a change of legislation SEB was split between the bank and Investor AB

1917

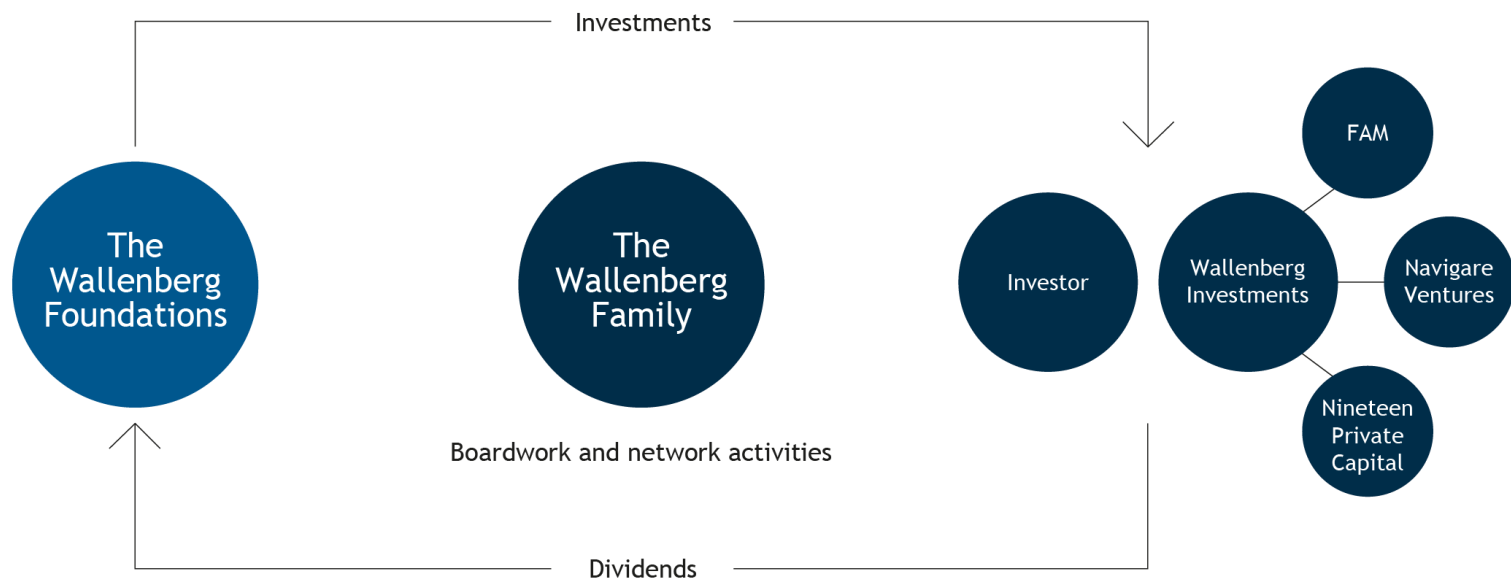
Knut and Alice Wallenberg Foundation was founded

SEB
investor

*Knut och Alice
Wallenbergs
Stiftelse*



The Wallenberg Ecosystem



Wallenberg Foundations

> 47 bn. SEK

In grants since the Foundation were started

> 2.9 bn. SEK

In grants 2024

> 1000 researchers

Are funded by the Foundations at any given point of time

*Knut och Alice
Wallenbergs
Stiftelse*

*Marianne och Marcus
Wallenbergs
Stiftelse*

STIFTELSEN
MARCUS OCH AMALIA
WALLENBERGS
MINNESFOND

*Berit Wallenbergs
Stiftelse*



*Tekn. dr Marcus Wallenbergs Stiftelse
för utbildning i internationellt industriellt företagande*



STIFTELSEN FÖR
RÄTTSVETENSKAPLIG FORSKNING

*Kronprinsessan Victorias Stiftelse
för Vetenskaplig Forskning och Utbildning*

*Drottning Silvias Stiftelse
för Forskning och Utbildning*

JACOB WALLENBERGS
STIFTELSE
SÄRSKILDA FONDEN



Konung Carl XVI Gustafs Stiftelse för Forskning och Utbildning

Ekon. dr Peter Wallenbergs
Stiftelse för Ekonomi och Teknik

Stiftelsen Kronprinsessan Margarets Minne

MARCUS WALLENBERGS
STIFTELSE FÖR INTERNATIONELLT
VETENSKAPLIGT SAMARBETE

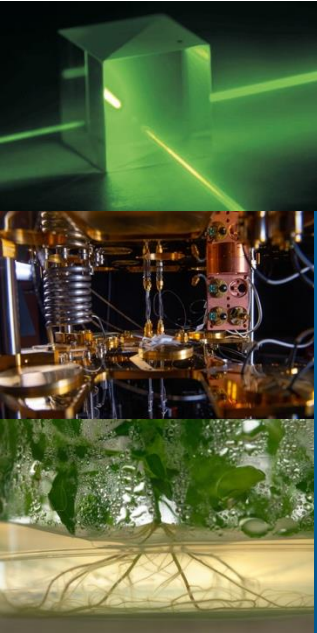
*Stiftelsen för Ekonomisk Historisk Forskning
inom Bank och Företagande*

EKON. DR PETER WALLENBERGS
STIFTELSE FÖR ENTREPRENÖRSKAP & AFFÄRSMANNASKAP

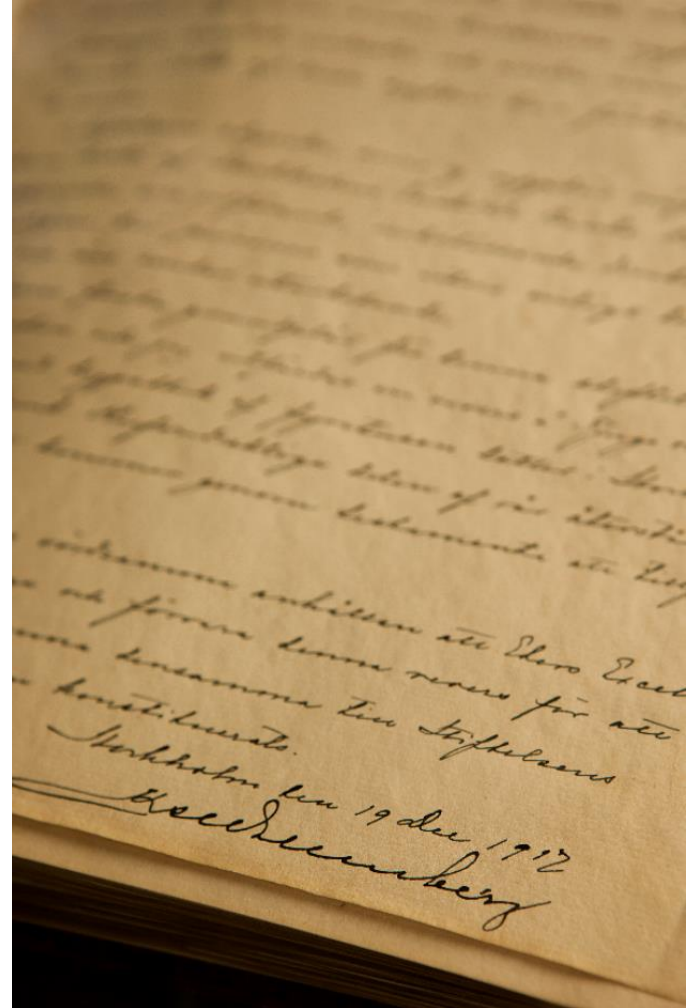
Knut and Alice Wallenberg Foundation

2.4 billion SEK 2024 and more than 39 billion SEK in grants since 1917 to world-class basic research and education beneficial to Sweden

- One of the largest private funders of scientific research in Europe
- Mainly within medicine, technology and the natural sciences
- Long-term grants to excellent individual researchers and research projects
- Strategic projects and scholarship programs - important for research, business and society

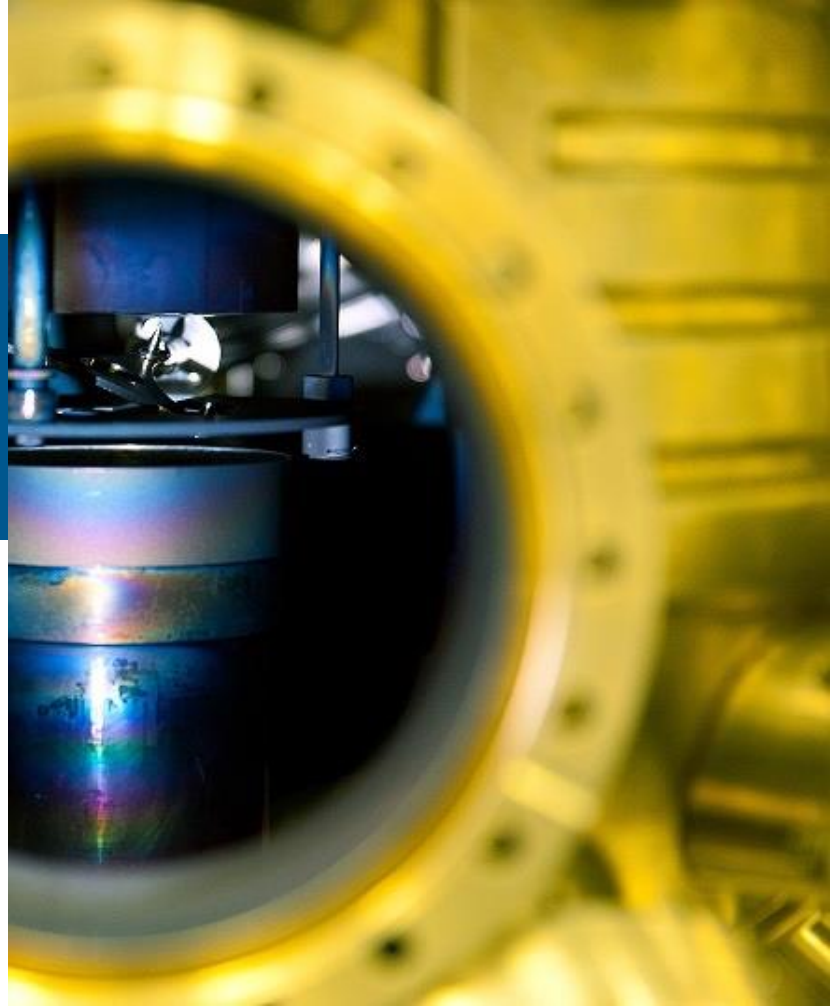


” The Foundation’s main purpose is to support basic research and education beneficial to Sweden - *Landsgagneligt* ”

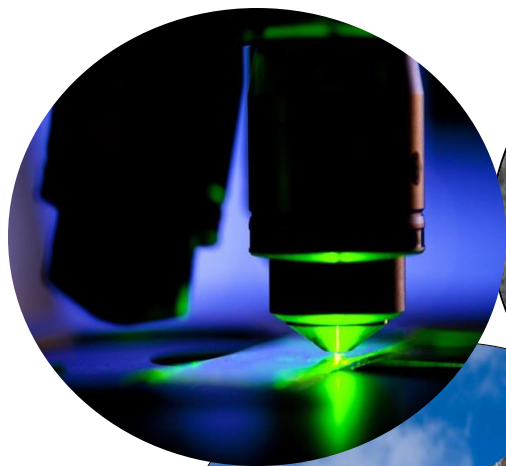


“We will discover things we didn’t even know we were looking for”

- Quote from one of our researchers.
It captures the essence of free research in an excellent way and reflects what the Foundations hope the grants will lead to.



BASIC SCIENCE



LONG-TERM



INNOVATION



FREEDOM



COMPETENCE

Grants

INDIVIDUALS



WALLENBERG ACADEMY FELLOWS
WALLENBERG SCHOLARS
SCHOLARSHIP PROGRAMS

PROJECTS

STRATEGIC GRANTS



WASP, WASP-HS, WACQT, WCMM, WWSC, WISE, DDLS
AND WIFORCE

Individual support of excellent scientist SEK 900 million/year



261 Wallenberg Academy Fellows, 121 Wallenberg Scholars , 24 Wallenberg Clinical Scholars
+ 350 researchers with project grants



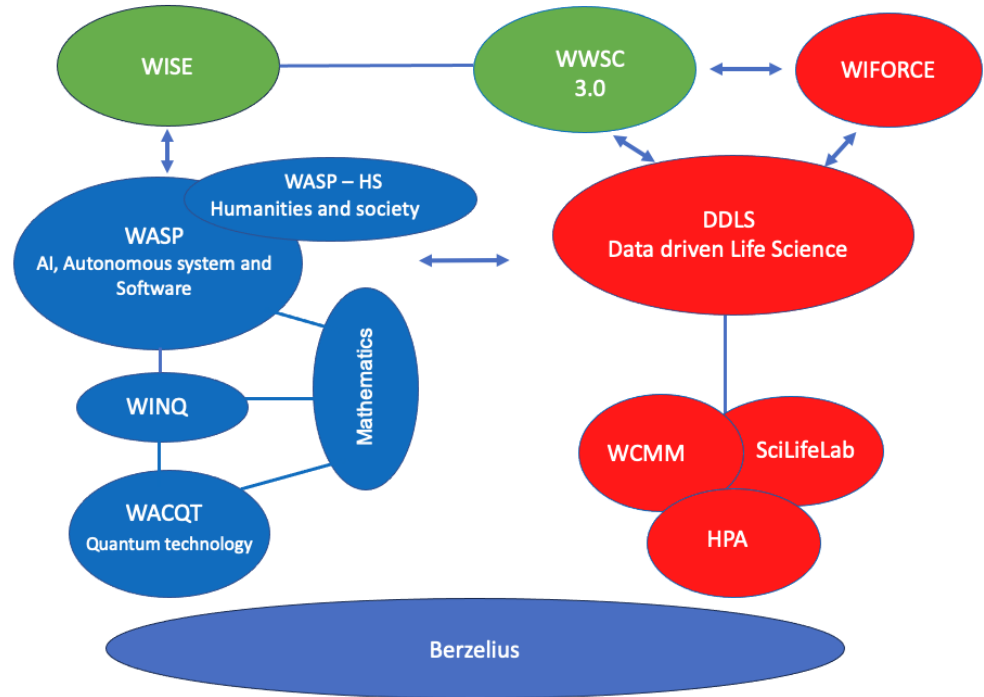
COLLABORATION
BETWEEN ACADEMIA,
BUSINESS, PRIVATE &
PUBLIC SECTOR IS KEY

- **WWSC** - Wallenberg Wood Science Center. Founded in 2009.
Granted: 1.2 billion SEK.
- **WASP** - Wallenberg AI, Autonomous Systems and Software Program. Founded in 2015.
Granted: 5.1 billion SEK.
- **WACQT** - Wallenberg Centre for Quantum Technology. Founded in 2018.
Granted: 1.4 billion SEK.
- **DDLS** - Data-driven Life Science. Founded in 2020.
Granted: 3.1 billion SEK.
- **WISE** - Wallenberg Initiative Material Science for Sustainability. Founded in 2021.
Granted: 2.7 billion SEK.
- **WIFORCE** - Wallenberg Initiatives in Forest Research. Founded 2024
Granted: 513 million SEK.

14 billion SEK over 12 years

Competence for Sweden - Strategic Grants

- The objective is to support excellent basic research but also to build competence in critical areas for Sweden and Swedish industry.
- The strategic programs have graduate schools with 1300 PhD students including 325 industrial PhDs.
- Financing over 600 postdocs and at least 120 industrial postdocs.
- Several research arenas.



14 billion SEK over 12 years

Berzelius - AI resource

Sweden's fastest supercomputer for AI

- A national resource available to researchers from all over Sweden.
- Now being upgraded, which will double the capacity and increase the storage space fivefold
- A user support is set up

Some of the projects that the computer has worked on so far relate to computer vision, cancer diagnostics and the development of new materials.

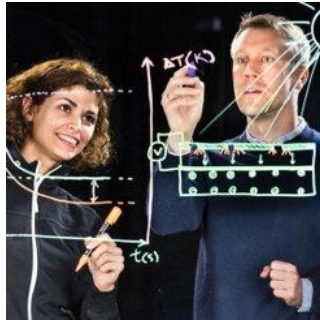
Hosted by the National Supercomputer Centre (NSC) and integrated in the HPC environment for compute and storage solution.



Industrial research arenas

Research or development settings, established outside of academia, where scientists and engineers from academia and industry jointly explore, test, upscale and develop scientific theories.

- Shortens knowledge transfer between academia and industry.



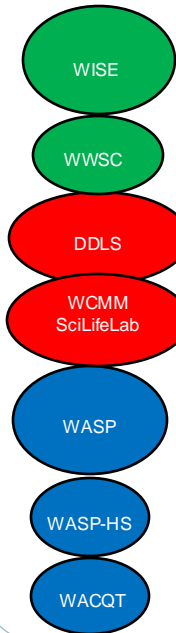
- WARA - 4 arenas within WASP
- WIRA - 2 arenas within WISE
- WACQT testbed - a quantum computer accompanied by a quantum helpdesk

A complete innovation system for KAW researchers

KAW

Profit from Navigare goes back to Swedish research

Navigare AB



Advanced materials



Materials Science
PoC/WALP

Annual call since 2024

Datadriven life science

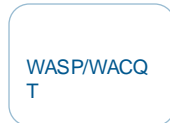


Life Science
PoC/WALP

Annual call since 2023

Life Science

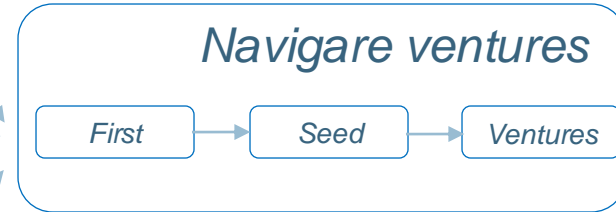
Software
Autonomous systems
AI



AI and Quantum
PoC/WALP

Annual call starts in 2025

Quantum technology



Proof-of-concept grant and Wallenberg Launch Pad (WALP)

- The grant gives researchers the opportunity to develop their discoveries towards validated methods, products or processes in the early stages and prepare for innovation and commercialization
- The Proof-of-Concept grant is linked to the Wallenberg Launch Pad (WALP).
- A PoC project is between SEK 1 and 4 million over a period of no more than two years
- The grant is paid directly to the researcher's university, and the use of the grant must comply with the university's regulations
- Eligible to apply are those who have or have had grants from the Wallenberg Foundations



Overview of the Process



Application and Expert panel Review:

- Raise awareness among the KAW scientist and identify top candidates for WALP

WALP Phase 1 main activities:

- Coaching of candidates, preparing them for the WALP pitch and (potential) grant recommendation

WALP Phase 2 main activities:

- Continue to build the team and complement it with e.g. experts, lab professionals, etc.
 - Develop a Minimum Viable Product for research validation
 - Establish deeper relationship with potential users
-

Proof of Concept Call in Materials Science

2025 Timeline

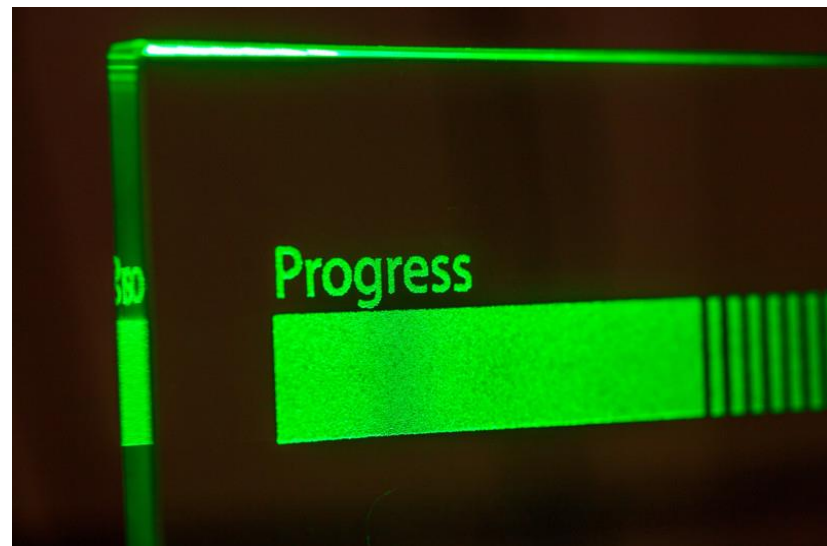
- The 1st call opened on September 2, 2024
- Call closed on October 11, 2024
- Review panel result was communicated on December 19, 2024
- WALP coaching sessions are ongoing in Jan.- March 2025
- WALP pitches in April 2025
- Decisions in May 2025

The 2nd proof of concept call will be open in September 2025



Success Factors

- Basic science, freedom and long-term
- Grants to the best of the best
- Strictly international peer-review
- Invest in young researchers
- Recruit young researchers to Sweden
- Work for gender equality and inclusion



Why are we doing this?

- We believe that excellent basic research and collaboration with industry and society is crucial for the progress of this country
- Our ambition is that the majority of the competence we build will stay in Sweden. Some in the academy and hopefully several in key positions in industry and society
- Bridge the gap from academic research to innovations through Proof of Concept grants tied to the Wallenberg Launch Pad (WALP)



Today's knowledge and Technology Is not sufficient



Thank you!