

UK-Sweden Call for Proposals for Aerospace R&D Projects

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Department for
Business, Energy
& Industrial Strategy

Innovate UK



AEROSPACE
TECHNOLOGY
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Introduction to the ATI and the UK Aerospace Research Technology Programme

- The UK Aerospace Research and Technology (UKART) Programme represents a £3.9 billion joint government and industry investment managed by the ATI, Innovate UK and BEIS. Its purpose is to maintain and grow the UK's competitive position in civil aerospace.
- Combined funding (industry – 50% and government – 50%) of £300m per year to 2026
- **Mission:** to grow the UK's aerospace industry so that it is able to take advantage of the forecast growth in the civil aerospace market.
- **Two key areas of work:**
 - Setting the strategy for UK civil aerospace R&T
 - Selecting projects to fund and overseeing the portfolio



2012
Coalition government
– industrial strategy



2013
Establishment of:

- NATEP
- MSc Bursaries
- ATI



2014

ATI established

- CEO/Chair by Q2
- EMT in September



January 2015
Technology strategy framework



2016

- Latest Strategy document - July 2016
- Multiple 'Insight' papers since then

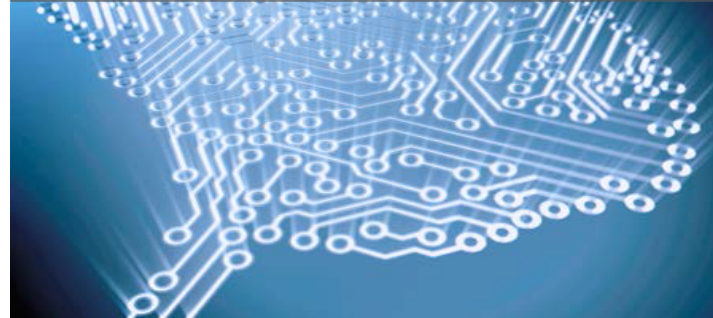


Four technology themes

Aircraft of the future



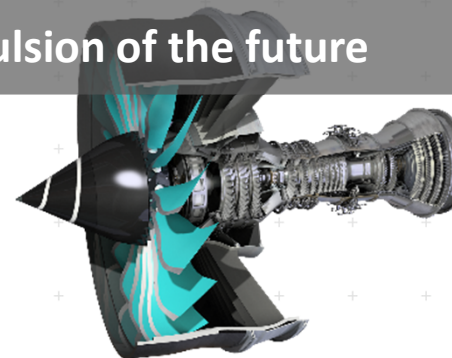
Smart, connected and more electric aircraft



Aerostructures of the future



Propulsion of the future



Innovair and Swedish R&T programs in aeronautics



- Aeronautics is a strategic Innovation area supported by Vinnova, Swedish Defence Force, FMV, Industry, Institutes and Academia
- Five ongoing programs
 - NFFP 7
 - Swe Demo
 - SARC
 - SME support and projects
 - Internationalization UK
- Innovair's main objective is to promote favorable conditions for a strong aeronautics industry in Sweden and to strengthen this sector through increased collaboration, research and information dissemination



Why innovation in aeronautics?



Why Innovation?

- Provide societal services with high efficiency
- Create jobs and increase competitiveness
- Meet societal challenges

Why aeronautics?

- Spin-off effects to other sectors
- Well developed path to innovation
- Setting trends for other sectors



Purpose of the UK-SE call

International collaboration is a key part of the UK's and Sweden's aerospace technology strategies, providing opportunities to:

- Plug gaps in both countries' capability
- Strengthen relationships with major overseas companies
- Bolster existing capability through the exchange of knowledge and information
- Gain access to facilities and infrastructure
- Promote trade and investment

Purpose of the UK-SE call

The call will have a catalysing effect:

- giving companies and academia a boost to increase collaboration;
- accelerating the development of technology areas that are important for both countries

Identifying opportunities for the UK and SE supply-chain has been key to discussions

- The call will provide additional confidence to supply-chain companies to pursue new product development opportunities, putting them in a stronger position.

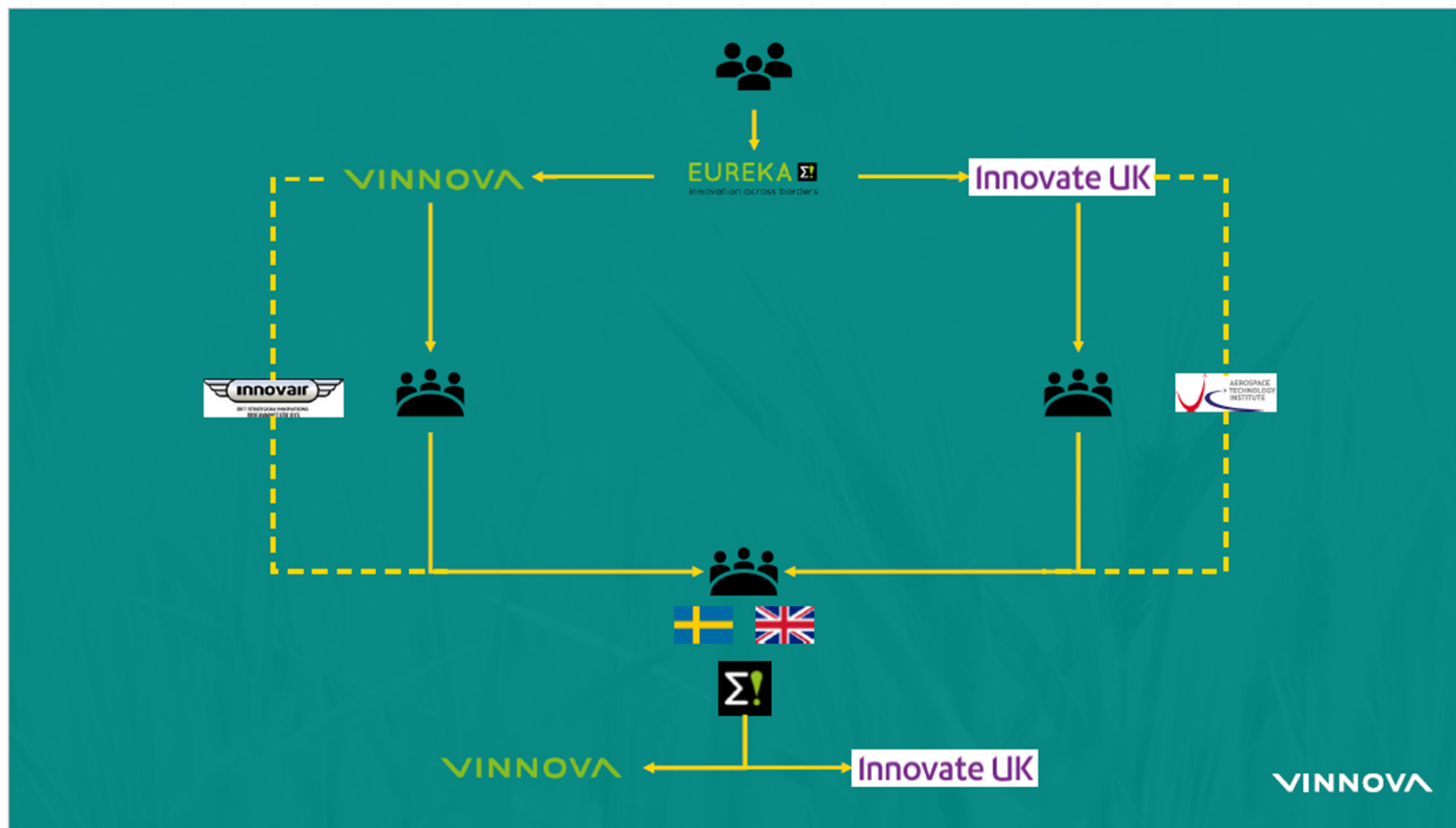
UK-SE call villkor

- Svenska staten bidrar med 22.5 MSEK
- Brittiska staten bidrar med 2.25 MGBP
- Inga pengar korsar gränser
- Företag skall leda projekten
- Minst ett företag i Sverige och ett i Storbritannien per projekt.
- Projektens totala kostnader bör vara:
 - 2,3 MSEK – 10 MSEK
 - 200 000 GBP – 1 000 000 GBP
- Högst 50% statlig finansiering per projekt
- Vinnoväs regler för utbetalningar gäller
- Projektid bör vara mellan 12 och 36 månader
- Projektstart mellan 1:a Mars 2019 och 1:a Juli 2019

UK-SE call inriktning

- Inriktning mot respektive lands agendor
 - NRIA 2016
 - Raising Ambition, the UK Aerospace Research and Technology programme strategy
- Teknikområden
 - Structures
 - Materials
 - Systems
 - Propulsion
 - Manufacturing processes
 - Through Life Engineering Services (TES)

UK-SE utvärdering



UK-SE call deadline

2:a November 2018

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