

# Overview of *Clean Sky 2*

*And the Call for Core Partners Launched 9<sup>th</sup> July 2014*



INNOVAIR  
Stockholm 24<sup>th</sup> September 2014

## Innovation Takes Off

[www.cleansky.eu](http://www.cleansky.eu)

Not legally binding



# Brief Re-Cap on *Clean Sky*

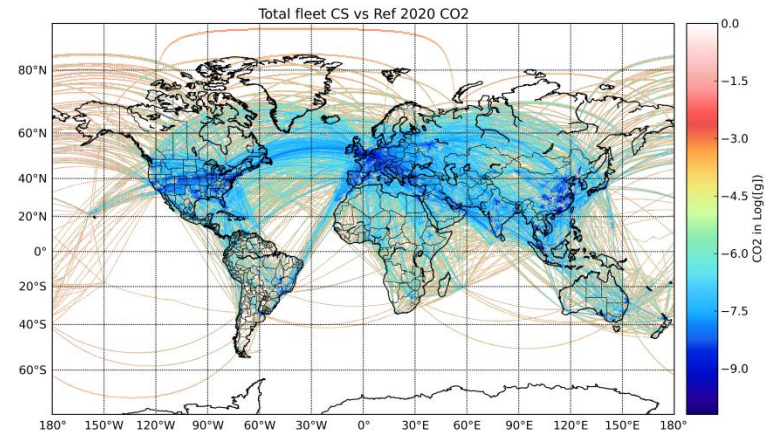
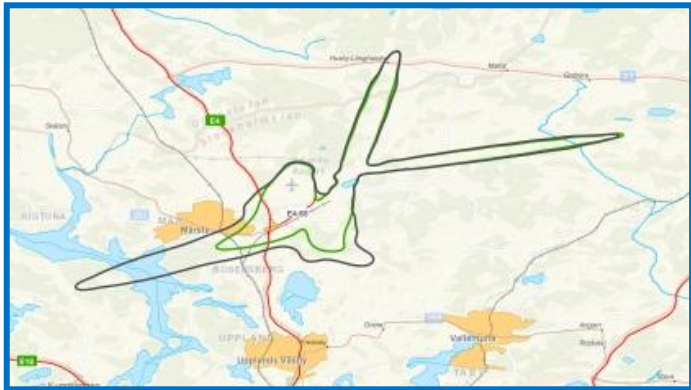
## *Unique Public-Private-Partnership in Aeronautics*

- Integrated, thematic set-up
- Downstream approach
- Large-scale complex demonstrations
- Open Calls for engaging wide set of participants
- Projects to run from 2008 – 2016



# Good Progress to Date

- On track towards the key environmental objectives



- 75% of the work committed or achieved
- Approx. 600 participants (still growing)  
>15% SMEs and >27% Academia/ROs

# New Frontiers Beckon



- 1. Bridging the gap: FP7 & Clean Sky end well before 2020**
  - Further demonstration required to achieve a full TRL6
  - Further gains needed to reach the ACARE 2020 Goals,
- 2. Growing competition (including new entrants)**
- 3. New and ambitious goals in ACARE SRIA (2035 / 2050)**




# Addressing the H2020 Challenges

- **“Smart Green and Integrated Transport”**

- **Resource efficient transport that respects the environment**
- **Ensuring safe and seamless mobility**
- **Building industrial leadership in Europe**



Enhancing and leveraging innovation capability across Europe, with a strong emphasis on SME participation



Leveraging private sector initiatives, and (important!) building on MS national and regional efforts

# Clean Sky 2 Joint Technical Programme



## Joint Technical Proposal

The European Aeronautical Industry's proposal for the continuation and extension of the *Clean Sky* Joint Technology Initiative with a *Clean Sky 2* Programme under the European Union's *Horizon 2020 Framework Programme for Research and Innovation*.

June 2013

Not legally binding



# Clean Sky 2 Programme Set-up

EU Funding Decision

1.755bn€

(1.716bn€ "net")\*

\* After running costs

Vehicle  
IADPs

**Fast  
Rotorcraft**  
Agusta  
Westland  
Eurocopter

**Passenger  
Aircraft**  
Airbus

**Regional  
Aircraft**  
Alenia  
Aermacchi

Large  
Systems  
ITDs

Eco-Design  
Fraunhofer Gesellschaft

**Airframe ITD**

Dassault – EADS-CASA – Saab

**Engines ITD**

Safran – Rolls-Royce – MTU

**Systems ITD**

Thales – Liebherr

**Small Air Transport**  
Evektor – Piaggio

**Technology Evaluator (TE)**  
German Aerospace Center (DLR)

*Building on Clean Sky, going further into integration at full aircraft level  
And developing new technology streams for the next generations of aircraft*

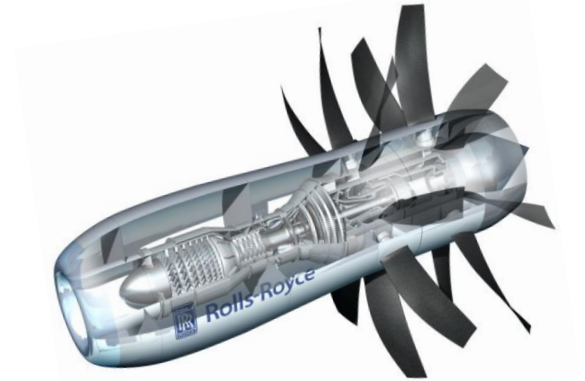
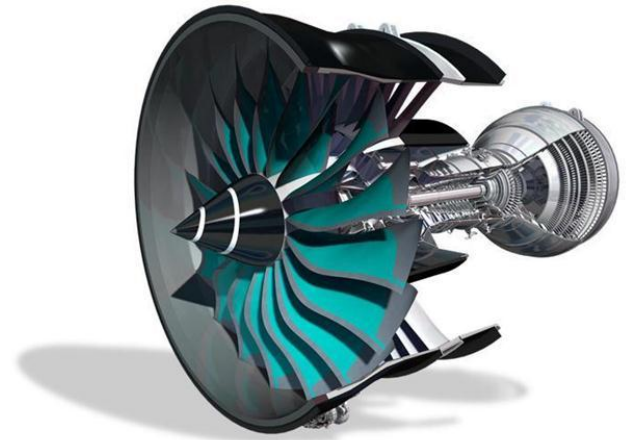
# Energy Efficiency & Environment

**Environment**



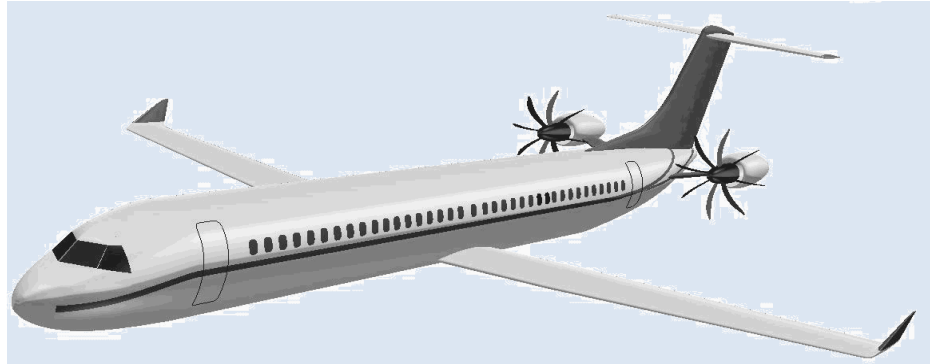
**Economy**

**Society**



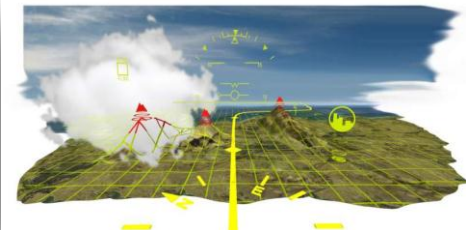
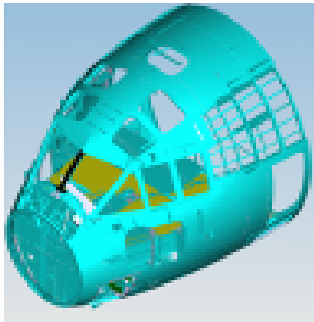
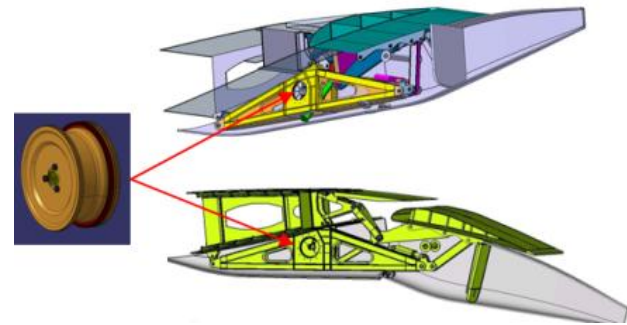
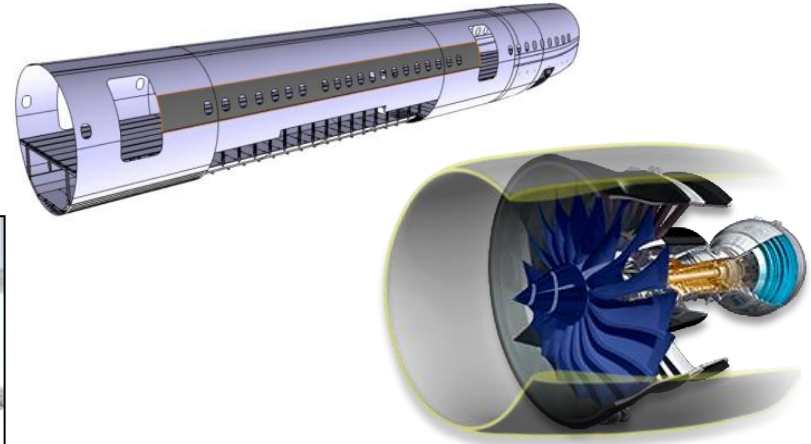


# Enabling Seamless Mobility within increasingly Constrained Infrastructure



[www.cleansky.eu](http://www.cleansky.eu)  
Not legally binding

# Building industrial leadership in Europe





# The Principles for Participation

- **Up to 40% of EU funding available for CS2 Leaders**
- **At least 60% of EU funding open to competition:**
  - Up to 30% for Core Partners (becoming Members once selected)
  - At least 30% for CfP (i.e. *Partners* as in CS) plus CfTs
- **Meaning >1bn€ of EU funding in play, via open Calls**



Industry, SMEs, Academia, and Research Organizations eligible both for participation as Core Partners or Partners.

Participation may also take place via suitable Clusters / Consortia.

# 1st Call for Core Partners NOW OPEN

Area	No. of topics	Est. Lifecycle Funding (M€)
<b>IADP Large Passenger Aircraft</b>	8	53
<b>IADP Regional Aircraft</b>	3	18
<b>IADP Fast Rotorcraft</b>	2	14
<b>ITD Airframe</b>	6	43.5
<b>ITD Engines</b>	8	64.5
<b>ITD Systems</b>	2	10
<b>Small Air Transport (SAT) Transverse Area</b>	0	0
<b>ECO Tranverse Area</b>	0	0
<b>Technology Evaluator</b>	0	0
	<b>29</b>	<b>203.0</b>

Funding represents 40% of the overall “not to exceed” funding for Core Partners as foreseen in the Regulation



# Funding Rates (Innovation Actions)

The funding rates in the 1<sup>st</sup> Call for Core Partners stem from the H2020 *Innovation Action* category, consequently:

- Not-for-Profit organisations foreseen to be funded at 100% of total eligible cost in accordance with the H2020 Regulation
- For-Profit Participants (large and small) should be funded 70% of total eligible cost

*The “action category” and funding rates for topics related to Calls for Proposals [i.e. Partners] are as yet not set but will be decided before the first CfP.*

# Thank You



## Disclaimer

- The content of this presentation is **not legally binding and subject to modifications and evolution over the info days on Clean Sky 2** until the adoption of the Regulation on *Clean Sky 2 JU* . **Any updated version will be regularly advertised on the website of the Clean Sky JU.**
- The selection of CP will be based on Horizon 2020 Rules for Participation (**already in force**), the rules for submission of proposals, evaluation and selection of Core-Partners (CP) will be adopted by the Governing Board of Clean Sky 2 JU and will apply to the calls for Core Partners.
- This presentation wish to provide a preliminary overview of these rules (**draft preliminary**)
- The proposed content/approach is based on the consultation with the “National States Representative Group” and the “Task Force “ of the *Clean Sky 2 Programme Proposal*