



Innovation Takes Off

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How to finance project under the *Clean Sky 2 Joint Undertaking*

Antonio VECCHIO, *Clean Sky 2 JU*

Lampoldshausen, 15-16 September 2015

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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

Addressing H2020 Transport Challenge Areas

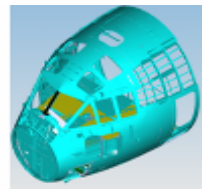
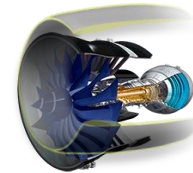
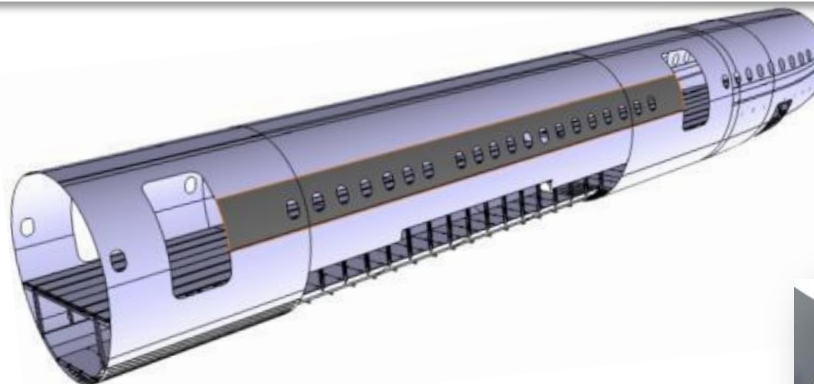
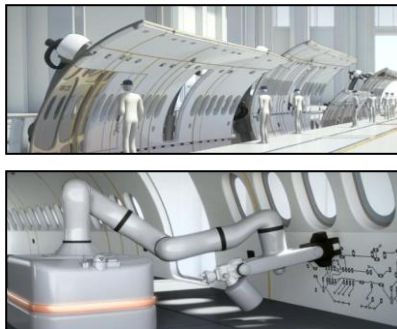
Energy Efficiency & Environment



Enabling Safe & Seamless Mobility



Building industrial leadership in Europe



Clean Sky 2 Programme Set-up

EU Funding Decision

1.755bn€

(1.716bn€ "net")*

* After running costs

Vehicle
IADPs

Fast

Rotorcraft

Agusta Westland
Airbus
Helicopters

Regional

Aircraft

Alenia
Aermacchi

Passenger

Aircraft

Airbus

Large
Systems
ITDs

Eco-Design
Fraunhofer Gesellschaft

Airframe ITD

Dassault – Airbus D&S – 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*

Clean Sky 2 Private Actors

Leaders

Founding Members, listed in the Council Regulation (558/2014):

AgustaWestland, Airbus, Alenia, Dassault, DLR, EADS-CASA, Airbus Helicopters, Evktor, Frunhofer, Liebherr, MTU, Piaggio Aero, RollsRoyce, SAAB, Safran, Thales

Core Partners

Selected through competitive and open calls for Core Partners (CP);

Join the ITD/IADP, sign the GAM after the selection process

3 Calls : CP W01 (2015 already closed); CP W02 (2015, still open);

CP W03 (2016, to be launched end of 2015)

Partners

Selected through competitive and open calls for Partners (CfP);

Sign a GAP with the CS JU, sign an CA with the ITD leaders

2 to 3 Calls/year, usually in Jan and July

CfP01, CfP02 (2015, already closed), CfP03, CfP04 to be launched in 2016.

MEMBERS

Partners

And developing new technology streams for the next generations of aircraft

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CS2 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.



800 - 1000 Participants expected across all tiers of the industrial supply chain and “R&I Chain”, with large investment leverage effect

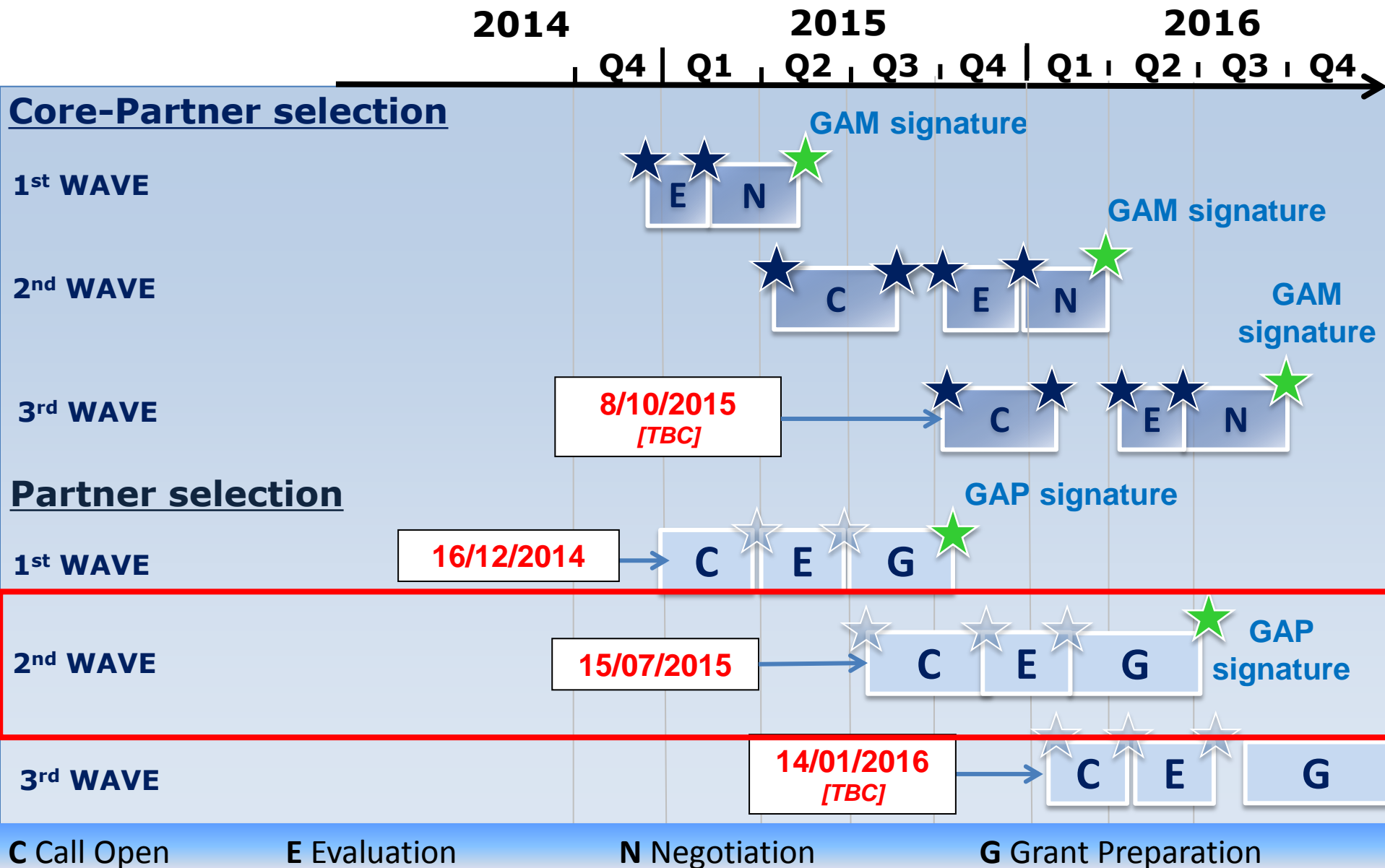
Clean Sky 2 Call for Proposals forward planning

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CS2 Overall High-level Call Planning for 2014-2015



2nd Call for Proposal at a glance

■ Call Launch	30 July 2015
■ Call Closure	18 November 2015
■ Evaluation Phase	Dec. 2015 – Jan. 2016
■ Q&A last publication*	28 October 2015
■ Technical sessions & GAP preparation	Q1 2016
■ Indicative Start date of activities	Q2 2016

*Questions received until 15th October will be analysed

The call contains **64 Topics** with total available funding of almost **58 Million Euro**

For questions : Info-Call-CFP-2015-01@cleansky.eu

Find out more:

- Clean Sky 2 via www.cleansky.eu
- CfP02 via the EC Participant Portal:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-cs2-cfp02-2015-01.html>

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CfP02 Call @ Launch - Overview

Area	No. of topics	Funding (M€)
IADP Large Passenger Aircraft	15	14,40
IADP Regional Aircraft	2	3,30
IADP Fast Rotorcraft	12	10,75
ITD Airframe	16	7,65
ITD Engines	10	10,20
ITD Systems	9	11,65
Small Air Transport (SAT) Transverse Area	(4)	(2,05)
ECO Transverse Area	0	0
Technology Evaluator	0	0
TOTAL	64	57,95

- At least 30% of CS2 EU Funding open to competition via CfP / CfT,
- 12 – 15 CfP expected over the H2020 Funding period (2014 – 2020)
- The topics are roughly equally balanced across the 2 type of actions “RIA or IA”

Relevant hints on CS calls

- Open and competitive selection process
- Focused topics, tightly embedded in an industry driven R&D strategy
- Once selected beneficiaries work together with the EU industry champions in aeronautics
- Multiple opportunities :
 - 2 to 3 calls per years
 - Allow for mono-beneficiary (derogation to H2020 rules)
 - Very good success ratio
 - Short/medium-term commitment;
 - Mixture of RIA and IA actions (TRL from 2-3 to 5-6 and beyond)
 - High potential for integration in the industry ecosystem

Looking forward
to working wiht you soon

Thank You



Disclaimer

- The selection of Partners will be based on Horizon 2020 Rules for Participation, the rules for submission of proposals, evaluation and selection of Partners as adopted by the Governing Board of Clean Sky 2 JU and will apply to the calls for Proposals
- The content of this presentation is not legally binding. This presentation wishes to provide a preliminary overview of these rules.
- 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