

# The Clean Sky 2 Programme: an overview and CfP10 Call preliminary info



Brussels,  
11 April 2019



# Clean Sky and Clean Sky 2

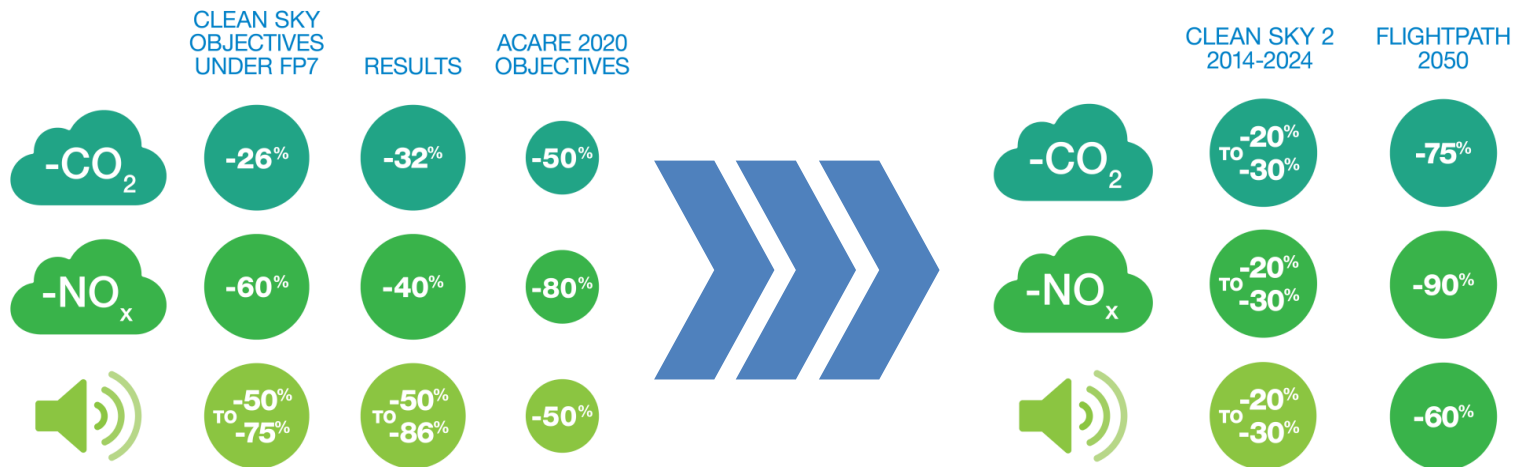
Clean Sky Joint Undertaking (CSJU) is a public-private partnership between the European Commission and the European aeronautics industry that coordinates and funds research activities to accelerate the development, integration and demonstration of novel technologies capable of:



## CLEAN SKY OBJECTIVES 2008-2017



## CLEAN SKY 2 OBJECTIVES



# Areas of Intervention

- Breakthroughs in Propulsion Efficiency
- Advances in Wings and Aerodynamics
- Novel Aircraft Configurations
- Innovative Structures and Production Systems
- Future Cockpit and Flight Guidance Systems
- More Electric Aircraft & Systems
- Optimal Passenger Environment



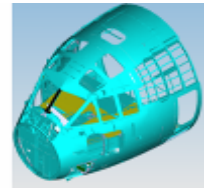
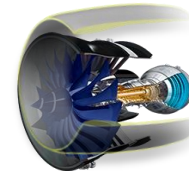
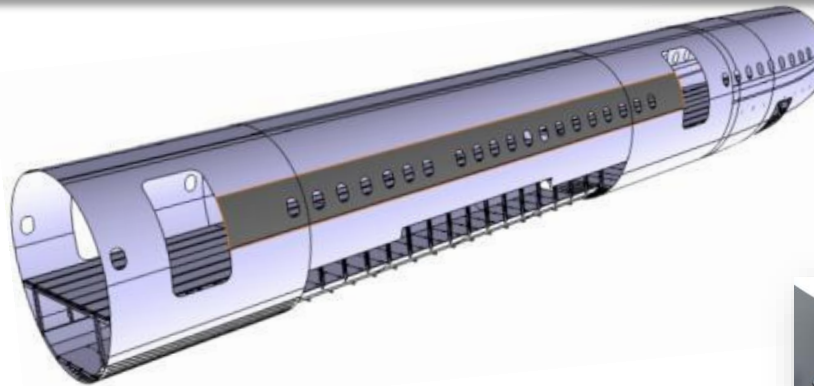
# Addressing H2020 Transport Challenges

Energy Efficiency & Environment

Enabling Safe & Seamless Mobility



Building industrial leadership in Europe



# Clean Sky 2 Programme Set-up

EU Funding: ~1.8bn€  
Private Members:  
~2.2bn€

Innovative Aircraft Demonstrator Platforms (IADPs)



Large Passenger Aircraft



Regional Aircraft



Fast Rotorcraft

Integrated Technology Demonstrators (ITDs)



Airframe ITD



Engines ITD



Systems ITD



Eco-Design



Small Air Transport



Technology Evaluator

Transverse Activities (TAs)





# How does it work?

- Up to 40% of EU funding available for CS2 Leaders
  - Up to 30% allocated to Core Partners thru open calls
  - At least 30% for CfP (i.e. *Partners*)**
- **Meaning >1bn€ of EU funding allocated via open Calls**



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



Leveraging private sector initiatives,  
**and building on MS national and regional efforts**

# Overall CS2 Implementation

800

~~More than 600 entities~~ As of CfP09  
Leaders named in regulation: 16  
Core Partners via open calls: 180  
(incl. Affiliates and Third Link Parties)  
Partners via open calls: approx. 639

...including Call 9 Results\*

1477 participations (over 700 unique entities)



334

INDUSTRY MEMBERS



420

SMES



373

RESEARCH CENTRES



350

UNIVERSITIES



28

COUNTRIES



110

REGIONS



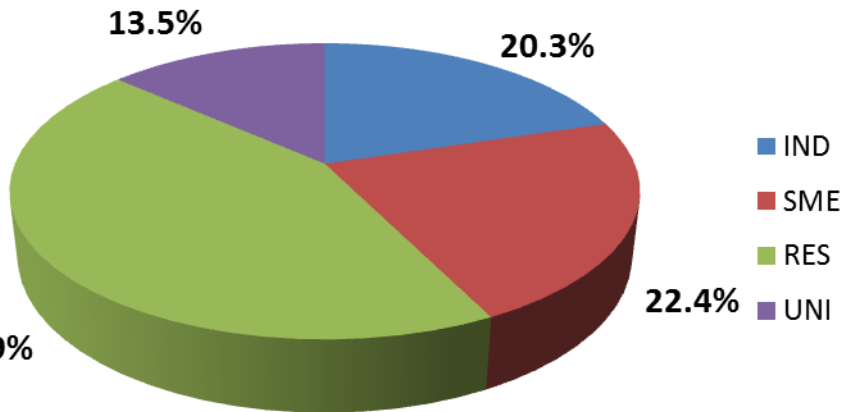
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GRANTS



# Spanish Participation in Clean Sky 2

ES participation per Type of Organisation



## Successful universities:

- UNIVERSIDAD CARLOS III DE MADRID
- UNIVERSIDAD DE SEVILLA
- UNIVERSITAT DE GIRONA
- UNIVERSIDAD POLITECNICA DE MADRID\*
- UNIVERSIDAD COMPLUTENSE DE MADRID
- UNIVERSITAT POLITECNICA DE VALENCIA
- UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA
- UNIVERSITAT POLITECNICA DE CATALUNYA
- UNIVERSIDAD DE CADIZ
- MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP

After 4 Call for Core Partners and 9 Call for Partners\*\*:

- 237 participations of which 32 from universities
- 118.9M€ of funding of which 7.0M€ for universities

Spain ranks 2<sup>nd</sup> in terms of overall participation in Calls and 3<sup>rd</sup> in terms of funding requested by top-ranked proposals.

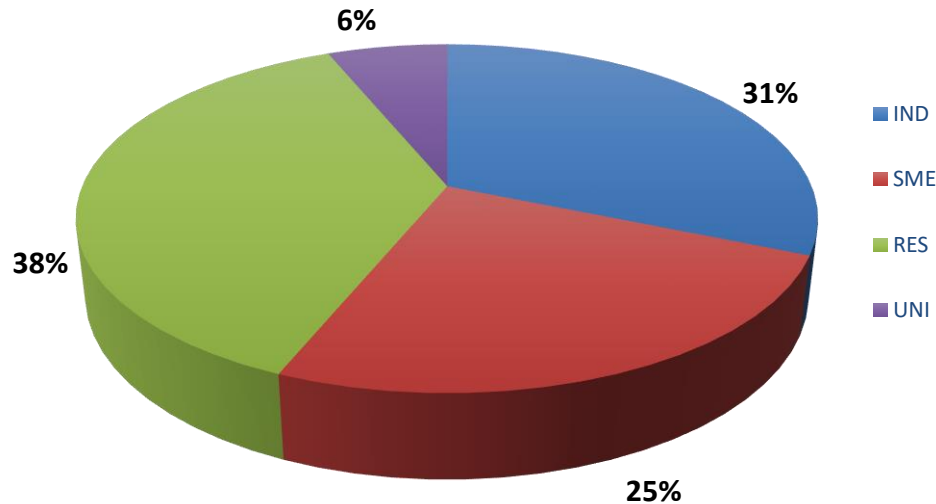
\*participates as Core Partner and Partner

\*\*subject to GB approval of CfP09 results



# Portuguese Participation in Clean Sky 2

PT participation per Type of Organisation



After 4 Call for Core Partners and 9 Call for Partners\*:

- 16 participations of which 1 from universities
- 11.05M€ of funding of which 0.43M€ for universities

\*subject to GB approval of CfP09 results

# 10<sup>th</sup> Call for Proposal at a glance

## Key dates to remember\*

- Call Launch 7 May 2019
- Call Closure 5 September 2019, 17:00 (Brussels Time)
- Evaluation Phase October - November 2019
- Q&A last publication\*\* 1 August 2019
- Technical sessions & GAP preparation Q4 2019 - Q1 2020
- Indicative Start date of activities > Q1 2020

\*Dates are provided as indicative/target dates.

\*\*Questions received until 5<sup>th</sup> July 2019, 17.00 (Brussels Time) will be answered after analysis and published when appropriate.

### **IMPORTANT:**

The *preliminary version* of the CfP10 Call text (incl. draft list of topics and topic descriptions) is currently available via the [Clean Sky 2 website](#). The *final version* of this Call [incl. final list of topics and topic descriptions, call background documents] will be made available via the [H2020 Funding & Tenders Opportunities Portal](#) on the call launch date. Only this final version is considered for submitting applications and Questions & Answers.



# Partners: Definition and Role

- Selected via Calls for Proposals (2 to 3 launched per year)
- Short/medium-term commitment;
- Level and quality of resources adequate for the Topic concerned;
- Competences / capabilities necessary to carry out the activities aiming at developing new knowledge, new technologies and solutions contributing to the action;
- The scope and perimeter of activities is defined from the beginning and might be of various type (study, design, simulation, development, manufacturing, integration etc.);
- The activities are limited in time and closely related to the needs as proposed by IADP/ITD Steering Committees and approved for CfP launch by the CS2JU;
- The activity is defined and will be technically lead by the Topic Manager following the technical roadmap/goals of the ITD/IADP

# Disclaimer

The present slides (10-11) are an extract from the preliminary version of the Call Text currently available on the JU website and released for information prior to the official launch of the Call anticipated in May 2019.

The final call text document serving as the foundation for any application to this Call and Q&A will be published via *the H2020 Funding & Tender Opportunities Portal* of the European Commission. The present content is therefore non-legally binding preliminary information and may still be subject to modifications until its official publication.





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Disclaimer

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