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PÔLE DE COMPÉTITIVITÉ
AERONAUTICS / SPACE / EMBEDDEDED SYSTEMS
Nouvelle-Aquitaine
LES PÔLES DE COMPÉTITIVITÉ
MOTEURS DE CROISSANCE ET D'EMPLOI
toulouse métropole
BORDEAUX MÉTROPOLE
GOLD
Cluster Management Excellence
PROVEN FOR CLUSTER EXCELLENCE

Atelier Clean Sky

ENSMA Poitiers
Le 19 février 2020

Fabienne Daveran
Chargée de Mission Europe
Membre du PCN Transport France

Un peu d'histoire…

- Advisory Council for Aviation Research and innovation in Europe (ACARE) lancé en 2001 par la CE
- Strategic Research Agenda (SRA) for European aeronautics et Vision 2020
- Clean Sky 1 lancé en 2007
- 1er call for proposals Clean Sky en 2009
- En 2011, Flightpath 2050 et nouveau SRIA en 2012
- Clean Sky 2 lancé en 2014 jusqu'en 2025
- Objectifs Clean Sky :
  - Ultra Green Air Transport System: reducing the impact of air transport on the environment.
  - Highly cost-efficient Air Transport System: through innovative technological developments, Clean Sky will contribute to answering society's needs and securing European leadership in aeronautics

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JTI: Joint Technological Initiative

- Objectif : créer dans des secteurs économiques essentiels, de grands programmes de recherche européens, orientés par les industriels
- Sur des technologies stratégiques qui dynamiseront la croissance et l'emploi dans des secteurs concurrentiels sur la scène mondiale.
- Sous la forme de Partenariats Public-Privé mis en œuvre dans le cadre H2020 : co-financement CE/Privé (industrie, labos, universités, etc.)
- Plusieurs programmes, plusieurs appels à projet

Les JTI d'Horizon 2020

Horizon Europe : 44 PPP en discussion

Liste provisoire des partenariats

Santé	Alimentation, Bioéconomie, Ressources naturelles, Agriculture et Environnement	Climat, énergie et mobilité
EU-Africa partnership on health security to tackle infectious diseases	Towards more sustainable farming: agro-ecology living labs and research infrastructures	Transforming Europe's rail system
Innovative Health Initiative	European Partnership on Animals and Health	Integrated Air Traffic Management
European partnership for chemicals risk assessment	Environmental Observations for a sustainable EU agriculture	Clean Aviation
Pre-clinical/clinical health research	Rescuing Biodiversity to safeguard life on Earth	Clean Hydrogen
Large-scale innovation and transformation of health systems in digital and ageing society	A climate neutral, sustainable and productive Blue Economy	Built environment and construction
Personalised Medicine	Safe and Sustainable Food System for People, Planet & Climate	Towards zero-emission road transport (2ZERO)
Rare Diseases	Circular bio-based Europe: sustainable innovation for new local value from waste and biomass	Mobility and Safety for Automated Road Transport
	Water4All: Water security for the planet	Batteries: Towards a competitive European industrial battery value chain
		Clean Energy Transition

…mérique, Industrie et Espace	Autres piliers	Propositions d'EM pouvant aboutir
High Performance Computing	Innovative SMEs (Eurostars)	Smart and zero-emission waterborne transport
Key Digital Technologies	European Open Science Cloud	Sustainable and Liveable Cities and Communities
Smart Networks and Services	EIT Climate-KIC	European Cultural Heritage
AI, data and robotics	EIT InnoEnergy-KIC	Partnerships in the cluster dedicated to society
Photonics Europe	EIT Digital-KIC	Neurodegenerative diseases
Clean Steel - Low Carbon Steelmaking	EIT Health-KIC	AntiMicrobial Resistance (AMR)
European Metrology	EIT Food-KIC	Creating a Geological Service for Europe
Made in Europe	EIT Manufacturing-KIC	European Climate Change Science in support of the Paris Agreement
Carbon Neutral and Circular Industry	EIT Raw Materials-KIC	Forestry
Global competitive space systems	EIT Urban Mobility-KIC	

(Extrait présentation DGE sept19)

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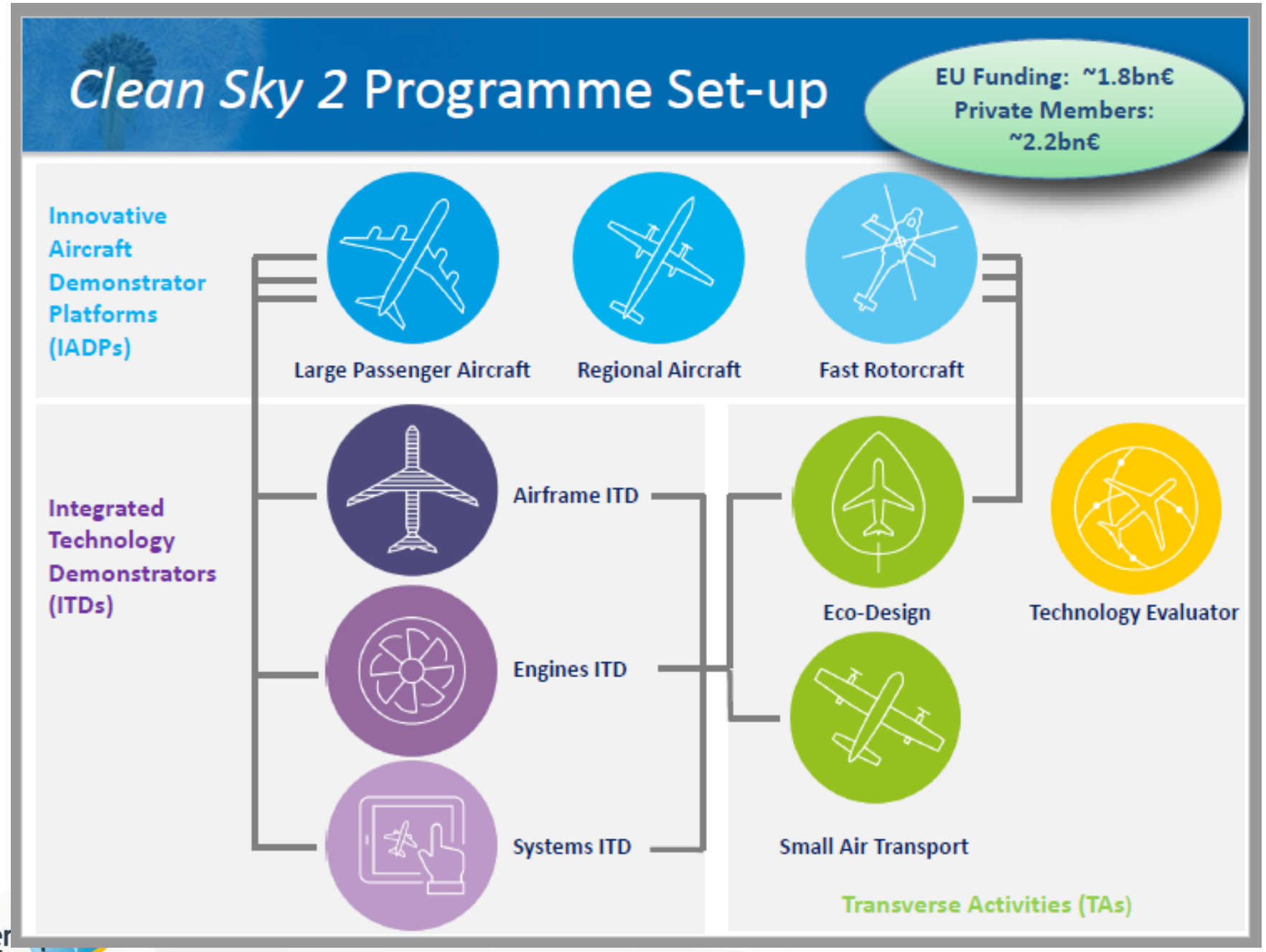
Objectifs environnementaux de Clean Sky 2

(Extrait présentation Clean Sky Info Day Toulouse mai 2019)

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

(Extrait présentation Clean Sky Info Day Toulouse mai 2019)



(Extrait présentation Clean Sky Info Day Toulouse mai 2019)

Budget de Clean Sky 2

- Up to 40% of EU funding available for CS2 Leaders
  Up to 30% allocated to Core Partners (calls completed)
  At least 30% for CfP (i.e. *Partners*)
- **Over 500m€ will be awarded to Partners via CfP**

CfP11 en cours
Clôture 28/04/20

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

(Extrait présentation Clean Sky Info Day Toulouse mai 2019)

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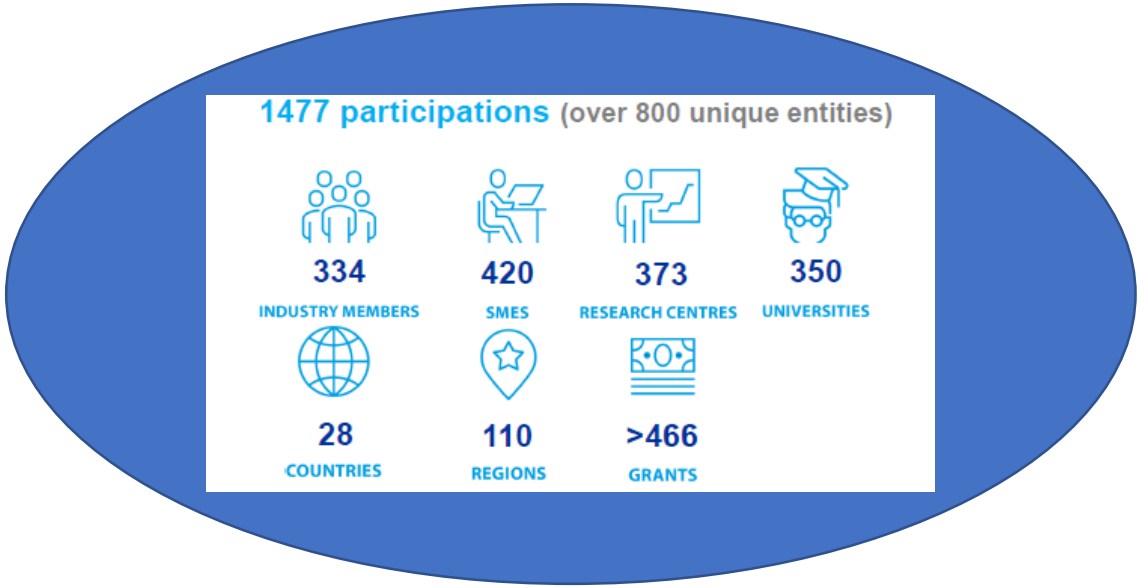
Clean Sky 2 : un vaste partenariat

16 ITD Leaders

AIRBUS
AIRBUS HELICOPTERS
LEONARDO HELICOPTERS
LEONARDO AIRCRAFT
DASSAULT AVIATION
DLR
AIRBUS DEFENCE & SPACE
evektor
Fraunhofer
LIEBHERR
MTU Aero Engines
PIAGGIO AEROSPACE
Rolls-Royce
SAFRAN AEROSPACE · DEFENCE · SECURITY
SAAB
THALES

+ 143 Core Members
Et +600 partners



(Extrait présentation Clean Sky Info Day Toulouse Fev 2020)

Liste complète des Core Partners ici

Partners : définition et rôle

- Sélectionnés via les appels à projet (2 à 3 CfP par an)
- Engagement court/moyen terme
- Niveau et qualité de ressources ad hoc avec le topic concerné
- Scope et périmètre des activités définis dès le début et limités dans le temps
- Plusieurs types d'activités : étude, conception, simulation, développement, fabrication, intégration, etc.
- Activités définies et dirigées techniquement par le Topic Manager à l'initiative du call

CfP : des règles de participation favorables

- Ouvert à tous (entités publiques ou privées)
- Restriction de participation pour les leaders, les core partners et leurs affiliés
- Pays UE et pays associés
- Possibilité de candidater seul ou en consortium
- Possibilité de candidater en Franco-Français
- Attention aux Skills & Competences
- Taux de financement H2020
  - RIA (Research & Innovation Actions) – 100% funded
  - IA (Innovation Actions) – 70% funded
  - Académiques et NPO toujours financés à 100%
  - 25% d'Indirect Costs pour tous
- Time to Grant : max 8 mois
- L'innovation comme passerelle vers le business ou la coopération industrielle

CfP11 : Contenu de l'appel

SPD Area	No. of topics	Ind. topic Funding (in M€)
IADP Large Passenger Aircraft	16	19.60
IADP Regional Aircraft	1	0.80
IADP Fast Rotorcraft	0	0
ITD Airframe	4	2.85
ITD Engines	0	0
ITD Systems	7	5.35
Technology Evaluator	3	1.50
TOTAL	31	30.10
Thematic Topics	**# of topics**	**Ind. topic funding (M€)**
TOTAL	4	15

List of Topics for Calls for Proposals (CFP11) – Part A

Identification Code	Title	Type of Action	Value (Funding in M€)	Topic Leader
JTI-CS2-2020-CfP11-LPA-01-88	Development of New digital Microphone-MEMS-Sensors for wind tunnels with open/closed test sections and flight tests	IA	1.40	Airbus
JTI-CS2-2020-CfP11-LPA-01-89	Advanced characterization of friction and surface damage for gears running in loss of lubrication conditions	RIA	1.10	GE Avio
JTI-CS2-2020-CfP11-LPA-01-90	Automated thermography for inspection of welded safety critical engine components	IA	0.70	GKN
JTI-CS2-2020-CfP11-LPA-01-91	Development and validation of a method to predict non-linear aerodynamic characteristics of lifting surfaces with controls	RIA	0.75	Airbus
JTI-CS2-2020-CfP11-LPA-01-92	Optimization of APU Exhaust Muffler Thermal Barrier and Air Intakes construction Technologies	IA	0.90	Airbus
JTI-CS2-2020-CfP11-LPA-01-93	Engine bleed jet pumps continuous behaviour modelization	RIA	0.70	Liebherr
JTI-CS2-2020-CfP11-LPA-01-94	Installed UHBR Nacelle Off-Design Performance Characteristics.	RIA	3.00	Rolls-Royce
JTI-CS2-2020-CfP11-LPA-01-95	Passive Actuated Inlet for UHBR engine ventilation	IA	0.80	Airbus
JTI-CS2-2020-CfP11-LPA-01-96	Analytical and experimental characterization of aerodynamic and aeroacoustic effects of closely operating propellers for distributed propulsion wing solutions.	RIA	2.50	Airbus Defence and Space
JTI-CS2-2020-CfP11-LPA-01-97	Insulation Monitoring for IT Grounded (Isolation Terra) Aerospace Electrical Systems	IA	0.70	Rolls-Royce plc
JTI-CS2-2020-CfP11-LPA-02-33	Tooling, Equipment and Auxiliaries for the closure of a longitudinal Barrel Joint: Butt strap integration and Lightning Strike Protection continuity	IA	1.60	Airbus
JTI-CS2-2020-CfP11-LPA-02-34	Tooling, Equipment and Auxiliaries for the closure of a longitudinal Barrel Joint: Overlap joint and Frame Coupling integration	IA	1.40	Airbus
JTI-CS2-2020-CfP11-LPA-02-35	Innovative disbond arrest features for long thermoplastic welded joints	IA	0.75	Fokker
JTI-CS2-2020-CfP11-LPA-02-36	Large scale aircraft composite structures recycling [ECO]	IA	1.80	Airbus
JTI-CS2-2020-CfP11-LPA-02-37	Thermoplastic fuselage repair process integrated on manufacturing line	IA	0.80	Airbus
JTI-CS2-2020-CFP11-LPA-03-19	Concept for Pilot State Monitoring system operation in commercial aviation	IA	0.80	Honeywell International
JTI-CS2-2020-CFP11-LPA: 16 topics			**19.70**	
JTI-CS2-2020-CFP11-REG-01-20	Aerodynamics experimental characterization and new experimental testing methodologies for distributed electrical propulsion	RIA	0.80	Centro Italiano Ricerca Aerospaziale
JTI-CS2-2020-CFP11-REG: 1 topic			**0.80**	
JTI-CS2-2020-CFP11-AIR-01-46	Evaluation of NDT Techniques for Assessment of Critical Process and Manufacturing Related Flaws and Defects for a Ti-alloy	RIA	0.55	SAAB
JTI-CS2-2020-CFP11-AIR-01-47	Additive Manufacturing demonstration on test article for a trailing edge application with a sliding pad concept	IA	0.50	ASCO Industries
JTI-CS2-2020-CFP11-AIR-03-10	Innovative light metallic and thermoplastic airframe section full scale testing	IA	1.30	Hellenic Aerospace Industries
JTI-CS2-2020-CFP11-AIR-03-11	Development and execution of new test methods for thermoset panel manufactured in an automated tape layup of dry unidirectional fibres (UD) or non-crimped fabrics (NCF) and subsequent infusion	IA	0.50	University of Stuttgart
JTI-CS2-2020-CFP11-AIR: 4 topics			**2.85**	
JTI-CS2-2020-CfP11-SYS-01-22	Oxygen Absorbing Metal-Air-Batteries for Long Term Cargo Compartment Inertisation	RIA	0.80	Diehl Aviation Gilching GmbH
JTI-CS2-2020-CfP11-SYS-01-23	Development of a multi-position valve with associated actuator for cargo fire protection	IA	0.50	Safran
JTI-CS2-2020-CFP11-SYS-02-62	Thermoplastic wheel for electrical Environmental Control System	IA	0.75	Liebherr
JTI-CS2-2020-CFP11-SYS-02-63	Decentralised HVDC power conversion module for innovative optimised aircraft electrical network distribution	IA	0.75	Airbus
JTI-CS2-2020-CFP11-SYS-02-64	Human Safe HVDC Interconnection components	IA	0.80	Airbus
JTI-CS2-2020-CFP11-SYS-03-25	Investigation and modelling of hydrogen effusion in electrochemically plated ultra-high-strength-steels used for landing gear structures	RIA	1.00	Liebherr
JTI-CS2-2020-CFP11-SYS-03-26	Replacement of cobalt in Environmental Control System bleed valves	IA	0.75	Liebherr
JTI-CS2-2020-CFP11-SYS: 7 topics				
JTI-CS2-2020-CfP11-TE2-01-12	Airport level assessme			
JTI-CS2-2020-CfP11-TE2-01-13	Airport and ATS Level			
JTI-CS2-2020-CfP11-TE2-01-14	Reduction of the aviation via optimisa and flight network			
JTI-CS2-2020-CFP11-TE: 3 topics				

List of Topics for Calls for Proposals (CFP11) – Part B

Identification Code	Title	Type of Action	Value (Funding in M€)
JTI-CS2-2020-CFP11-THT-11	High power density/multifunctional electrical energy storage solutions for aeronautic applications	RIA	1.20
JTI-CS2-2020-CFP11-THT-12	Advanced High Power Electrical Systems for High Altitude Operation	RIA	1.00
JTI-CS2-2020-CFP11-THT-13	Sustainability of Hybrid-Electric Aircraft System Architectures	RIA	1.60
JTI-CS2-2020-CFP11-THT-14	Scalability and limitations of Hybrid Electric concepts up to large commercial aircraft	RIA	0.80

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Voir liste détaillée des topics ici

Thematic Topics

List of Topics for Calls for Proposals (CFP11) – Part B

Identification Code	Title	Type of Action	Value (Funding in M€)
JTI-CS2-2020-CFP11-THT-11	High power density/multifunctional electrical energy storage solutions for aeronautic applications	RIA	1.20
JTI-CS2-2020-CFP11-THT-12	Advanced High Power Electrical Systems for High Altitude Operation	RIA	1.00
JTI-CS2-2020-CFP11-THT-13	Sustainability of Hybrid-Electric Aircraft System Architectures	RIA	1.60
JTI-CS2-2020-CFP11-THT-14	Scalability and limitations of Hybrid Electric concepts up to large commercial aircraft	RIA	0.80

Thematic Topics

- Topics launched **outside** the complementary framework of one IADP/ITD/TA
- Not directly linked to the action implemented by the Clean Sky 2 Members under specific ITD/IADP/TA
- Contribute to the achievement of the High Level Objectives (HLGs) of the Clean Sky 2 Regulation
- Different special conditions of admissibility apply to the thematic topics.

- Problem-oriented statements allowing research / technology routes to be selected and proposed by applicants
- Allow for retention of multiple projects against a topic, where justified
- Avoid duplication with H2020 calls in terms of both topic scope [narrower] and descriptions [more focused yet broader than CfP topics to date]

CfP11 : calendrier

- Publication officielle de l'appel : 14 janvier 2020
- Clôture de l'appel : 28/04/20 à 17H (Brussels time)
- Phase d'évaluation : mai/juin 2020
- Clôture des FAQ : 13 mars 2020
- *Publication des recueils de FAQ : 14 janvier / 20 février/ 26 mars
- *Auditions techniques et négo contractuelles : Q3/Q4 2020
- *Démarrage des activités : Q4 2019 / Q1 2021

*(*dates estimatives)*

Call and topics

- L’appel est constitué de plusieurs topics
- Chaque topic décrit en détail :
  - Les activités à mener et les résultats à obtenir
  - Le montant de la subvention (valeur indicative en M€)
  - Les capacités, compétences et certifications requises pour réaliser le projet
  - Le calendrier de réalisation
  - Les livrables et jalons du projet

I. JTI-CS2-2019-CfP10-LPA-01-72: Development of a distributed CFD platform for collaborative design

Type of action (RIA/IA/CSA):		IA	
Programme Area:		LPA	
(CS2 JTP 2015) WP Ref.:		WP 1.1	
Indicative Funding Topic Value (in k€):		600	
Topic Leader:	Airbus	**Type of Agreement:**	Implementation Agreement
Duration of the action (in Months):	36	**Indicative Start Date (at the earliest)*:**	> Q1 2020

Topic Identification Code	**Title**
JTI-CS2-2019-CfP10-LPA-01-72	**Development of a distributed CFD platform for collaborative design**
Short description	
Development of an open-source CFD simulation platform and methodology to enable co-design between an airframe manufacturer and an engine manufacturer, while maintaining IP and IT security. This includes code-to-code coupling, communication between different simulation platforms, post processing of the simulation, and demonstration on industrial configuration.	

Links to the Clean Sky 2 Programme High-level Objectives[7]	
This topic is located in the demonstration area:	Advanced Engine/Airframe Architectures
The outcome of the project will mainly contribute to the following conceptual aircraft/air transport type as presented in the scene setter:	Advanced Long-range Ultra-advanced Long-range Advanced Short/Medium-range Ultra-advanced Short/Medium-range

With expected impacts related to the Programme high-level objectives:				
Reducing CO_2 emissions	**Reducing NO_x emissions**	**Reducing Noise emissions**	**Improving EU Competitiveness**	**Improving Mobility**
☒	☐	☒	☐	☐

EXEMPLE

1. Background

High Performance Electrical Components for Bleed Control studies present significant opportunities of weight reduction and optimized maintenance through the suppression of the need for pressurized fluid for actuation.

With the development of full electrical architectures in order to support the needs of More Electric Aircraft and future Non propulsive Energy Generation system, it is necessary to consider enhanced electrical bleed control valve and inlet guide vane actuators, in terms of reliability (targeted MTBF: 50 000 h), with weight, volume and costs competitive with hydraulic / pneumatic technologies.

The introduction of EMA technology on previous Power On Demand Systems has enabled the demonstration of the feasability of an electrical actuated bleedflow control, offering electrification of the bleed control function.

2. Scope of work

Tasks		
Ref. No.	***Title - Description***	***Due Date***
T2.1	Initial Requirements Capture – define requirements and interfaces through discussion with stakeholders	T0+1
T2.2	Component selection – perform initial performance analyses to enable baseline selection of components to meet the main performance requirements.	T0+3
T2.3	Components architecture definition	T0+6
T2.4	Functional modelling and failure mode analysis (FMEA)	T0+9
T2.5	Module Functional definition	T0+9
T2.6	Supply chain identification and industrialization assessment	T0+10

3. Major Deliverables/ Milestones and schedule (estimate)

**Type: R=Report, D=Data, HW=Hardware*

Deliverables			
Ref. No.	***Title – Description***	***Type****	***Due Date***
D2.1	Preliminary Requirements Specification	R	T0+3
D2.2	Module Architecture Report	R	T0+6
D2.3	Industrialisation Assessment Report	R	T0+12
D2.6	Test report	R	T0+27
D2.7	Two components shipsets for integration	HW	T0+27
D2.8	Final report (incl. reliability prediction)	R	T0+30
Milestones (when appropriate)			
Ref. No.	***Title – Description***	***Type****	***Due Date***
D2.4	Preliminary Design Review	D	T0+12

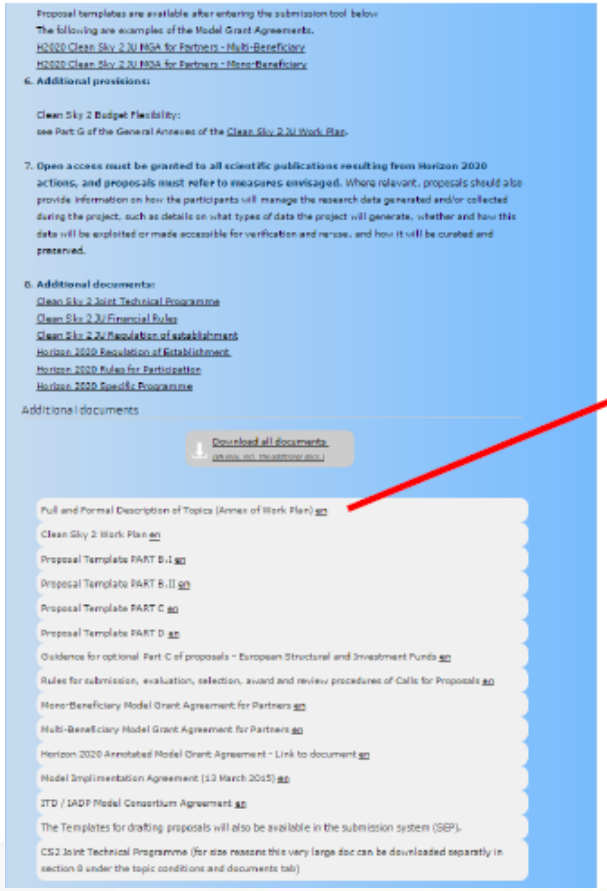
4. Special skills, Capabilities, Certification expected from the Applicant(s)

- Specialist in pneumatics systems & control systems
- Links with, or internal, design & industrial capacity in power electronics
- Mechanical design of actuators
- Knowledge of aeronautical constraints (environments)
- Test & analysis capability to support detailed behavioural characterisation of power components

Publication du call sur le « Funding & Tenders Opportunities Portal » de la CE

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home

- Regroupe tous les documents liés à l'appel
- Espace pour le dépôt des candidatures



Clean Sky 2 Joint Undertaking

6th Call for Proposals (CFP06):
List and full description of Topics

Call Text

Important: For a valid application, only the Call documents published on the Participant Portal will be considered.

Soumission électronique des propositions

- Formalités administratives à démarrer au plus tôt (non engageantes pour la suite) :
  - Compte ECAS – EC Authentification System
  - PIC – Participant Identification Code
  - 1 PIC par Legal Entity
  - PIC temporaire / PIC validé
- Soumission électronique de la proposition :
  - Formulaires administratifs en ligne
  - + docs à télécharger
- Save et Submit assez tôt puis mettre à jour
- Deadline absolue (Brussels Time)
- Contractualisation électronique
- Gestion électronique du projet (livrables, reporting, etc.)

Formulaires de candidature

Templates for submitting a valid proposal:

1. Part A *[Administrative Section (Coordinator ID, Legal LEAR etc.)]*
2. Part B.I *[Technical Section: 3 EVAL Criteria and technical and financial content linked to DoA]*
3. Part B.II *[Admin Section: members of consortium (participants, operational capacity, etc.), (potential) ethics and security issues identified by the applicant]*
4. Part D *[Declaration on the Participation of any Affiliated Entities to Private Members of CS2JU in this Proposal and Declaration(s) of Interests]*

→ *70-page limitation for non-thematic topics*
30-page limitation for thematic topics

These templates (in pdf format) will be made available to potential applicants on the Participant Portal prior the official opening of the Submission System.

Part C : pour financement régional (option)

- Objectif : synergie des fonds dédiés à l'Innovation
- ESIF (European Structural & Investment Funds) = fonds régionaux
- Activités complémentaires pouvant être financées
- MOU Clean Sky signés par Occitanie et Nouvelle-Aquitaine
- WP ESIF : un projet 'stand-alone'
- Evaluation par l'autorité ESIF si projet Clean Sky top ranked
- En cas de réponse en consortium, plusieurs WP ESIF possibles
- Possibilité de rajouter un WP ESIF durant l'implémentation du projet financé

+ d'infos sur https://www.cleansky.eu/structural-funds-and-regions

Financial Viability Check

- Uniquement pour les coordinateurs (pilotes de consortia)
- Et pour subv projet > 500 K€
- Sauf pour les public bodies et établissements enseignement supérieur
- Si subv > 750 K€, nécessité de fournir un bilan comptable certifié
- Si capacité financière faible, mesures de contingence (renforcement du pilotage, réduction du pré-financing, changement de coordinateur)
- Si capacité financière insuffisance, changement de coordinateur
- Guide et test FVC en ligne :

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/lev/h2020-guide-lev_en.pdf

Critères d'évaluation

- 1. Excellence
- 1.1 Objectives
- 1.2 Relation to the Work Plan
- 1.3 Concept and approach
- 1.4 Ambition

- 2. Impact
- 2.1 Expected Impact
- 2.2 Measures to maximise impact
- 2.2.1 Dissemination and exploitation of results
- 2.2.2 Communication activities

- 3. Implementation
- 3.1 DoA— Work packages, deliverables and milestones
- 3.2 Management Structure and Procedures
- 3.2.1 Capabilities
- 3.2.2 Structure and procedures
- 3.2.3 Risks
- 3.3 Consortium/ Clusters as a whole (where applicable)
- 3.4 Resources to be committed

3 critères notés de 0 à 5
Seuil par critère : 3/5
Seuil global : 10/15

ESR : Evaluation Summary Report

Ranking List mais 1 seul gagnant par topic

Pour le ranking des IA : Impact = x 1.5

Pour le ranking des Thematic Topics : Excellence = x 1.5

Processus d'évaluation

- Check éligibilité
- 3-4 experts évaluateurs/proposition
- Experts indépendants (BDD H2020)
- Rôle du Topic Manager dans l'expertise : technical advice only
- Timing de l'évaluation :
  - Phase 1: Individual evaluation → Individual Evaluation Report
  - Phase 2 : Consensus group → Consensus Report
  - Phase 3 : Panel review → Panel Report, Panel Ranked List et ESR
- Auditions potentielles de candidats "top ranked"
- 1 gagnant par topic : main list et reserve list
- Préparation du Grant : sessions techniques avec les Topic Managers
- Ethics review par la Clean Sky JU

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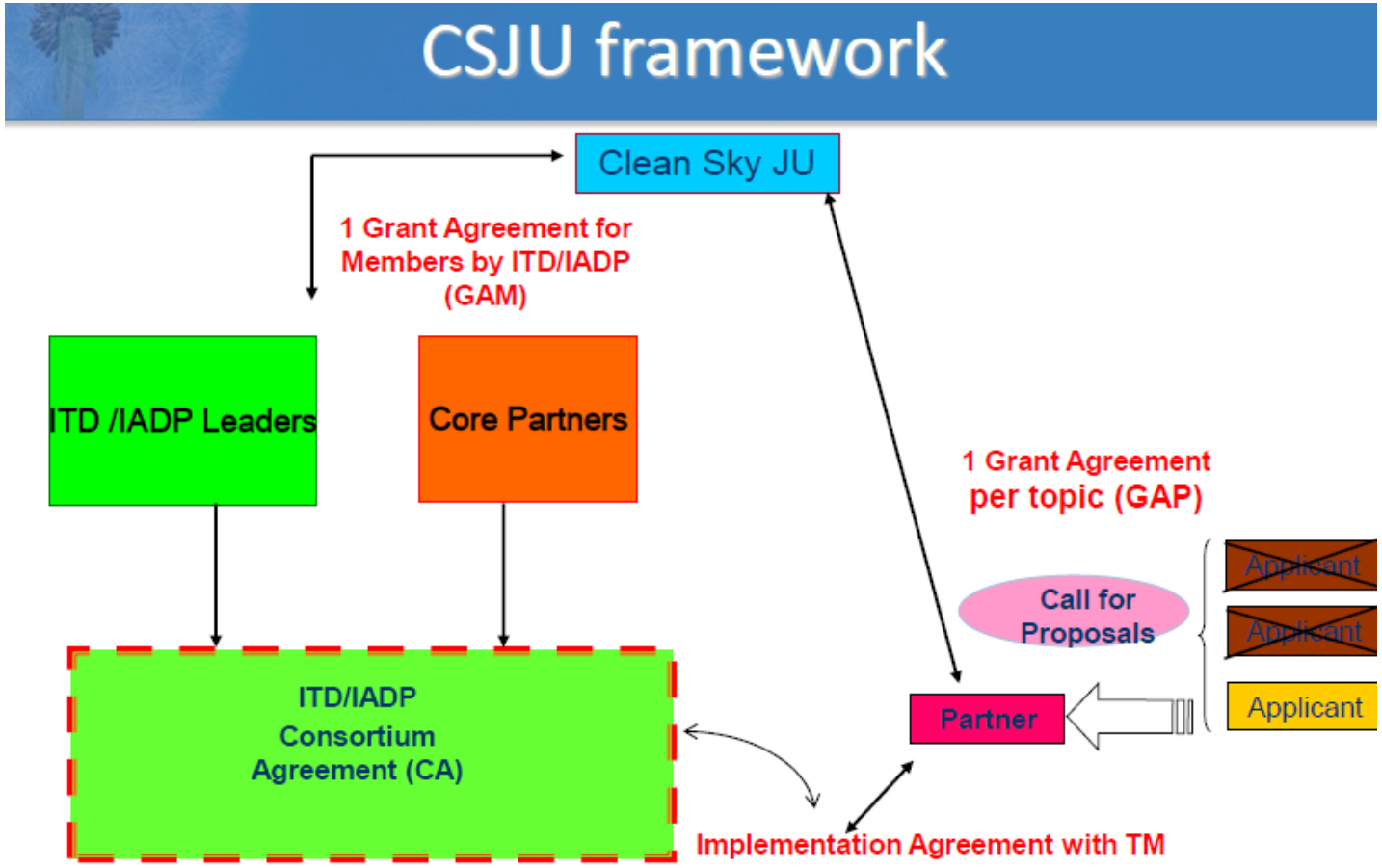
Contractualisation des projets lauréats



(Extrait présentation Clean Sky Info Day Toulouse mai 2019)

Contractualisation des projets lauréats

- Grant Agreement avec la CE
- Implementation Agreement bilatéral avec le Topic Manager :
  - rights and obligations of the parties;
  - organisation and coordination of the work;
  - division of roles and responsibilities;
  - exploitation and dissemination of results;
  - liability;
  - settlement of disputes
- Template IA disponible en ligne
- IA conclus avant le GA ou 1er livrable du projet
- Si projet en consortium, Consortium Agreement obligatoire avant signature du GA

Modalités de paiement

	Time-to-Pay CSJU	From
One Pre-financing	**30** days	From: entry into force **or** from 10 days before the starting date, whichever is the latest

- **No standard amount** (or percentage) for the pre-financing payment; In principle, **120%**[(1)] of the average JU funding per period for actions with at least two reporting periods
- CfP10

Number of RP	1	2	3	4	5	6
Prefin %	80%	60%	40%	30%	24%	20%

[(1)] *This may be adjusted by the JU according to credit availability.*

- Retention 5 % of maximum grant for the **Guarantee Fund**

Pour les projets en consortium, le coordinateur reçoit le pré-financement qu'il redistribue aux partenaires selon les termes du Consortium Agreement

(Extrait présentation Clean Sky Info Day Toulouse mai 2019)

Modalités de paiement

The coordinator must submit the periodic report (technical and financial reports) within 60 days following the end of each reporting period.

	Time-to-Pay CSJU	From
Interim Payments	**90** days	From reception of periodic report
The total amount of pre-financing and interim payments must not exceed 90% of the maximum grant amount set out in Article 5.1. The maximum amount for the interim payment will be calculated as follows: **{90% of the maximum grant amount *minus* {pre-financing + previous interim payments}}**.		
Payment of the Balance	**90** days	From reception of final reports
The **amount due as the balance** is calculated by the *JU* by deducting the total amount of pre-financing and interim payments (if any) already made, from the final validated contribution.		

(Extrait présentation Clean Sky Info Day
Toulouse mai 2019)

Propriété Intellectuelle

Ownership

- Pour le bénéficiaire qui génère les résultats
- Joint-ownership uniquement dans des circonstances particulières (joint ownership agreement ou consortium agreement)

Access rights

- Spécificités Clean Sky : obligation pour les bénéficiaires de donner au Topic Manager accès à leur background requis pour l'implémentation du projet ainsi qu'aux résultats générés par le projet
- The access right mutuel/réciproque pour les bénéficiaires dans le cadre du projet

Visibility of the JU funding

- Des obligations d'affichage pour toutes les actions de dissémination du projet (logo Clean Sky, emblème EU, etc.)

Open Research Data

- Open Research Data Pilot
- Libre accès aux données de recherche digitales générées par le projet (statistiques, mesures, images, etc.)
- 2 types de données concernées par le pilot :
  - Publications scientifiques
  - Autres données propres au projet figurant dans le Data Management Plan
- Démarche non obligatoire (opt in / opt out)
- Si opt in, Data Management Plan à produire dans les 6 mois qui suivent le démarrage du contrat
- Opt out possible à tout moment durant l'implémentation du projet

Le support d'Aerospace Valley pour vos projets européens

- Veille sur les appels à projet européens
- Conseil, orientation

- Information générale et diagnostic personnalisé
- Accompagnement au montage

- Aide à la recherche de partenaires
- Relecture de propositions

- Lettres de soutien

Le décryptage Clean Sky par AV

- Anticipation de la publication des appels
- Lecture des topics par les ingénieurs AV
- Sélection de topics envoyée aux adhérents
- Information ciblée, diagnostic
- Accompagnement à la rédaction de proposition
- Accompagnement au montage de consortium
- Relecture de proposition
- Soutien de proposition, à la demande

Depuis 2013:

- 12 appels suivis
- + 80 adhérents contactés par appel
- + 50 propositions soumises

Evènements à venir

Ateliers d'écriture régionaux (réservés aux entités ayant l'intention de répondre à l'appel CfP11) :

- Le 03/03/20 chez AV Toulouse pour les entités d'Occitanie
  Inscriptions ici

- Le 13/03/20 chez AV Talence pour les entités de Nouvelle-Aquitaine
  Inscriptions ici

Ateliers organisés en partenariat avec les Régions Occitanie et Nouvelle-Aquitaine et le réseau EEN Sud-Ouest

Liens utiles

- Site Clean Sky : https://www.cleansky.eu
- Portail de la Commission Européenne : https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home
- Portail H2020 sur le site du MESRI :www.horizon2020.gouv.fr
- PCN Transport : pcn-transport@recherche.gouv.fr
- PCN PME : pcn-pme@recherche.gouv.fr

Merci pour votre attention!
Place à vos questions…

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