



# Innovation Takes Off

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*Clean Sky 2* Info Day  
9<sup>th</sup> Call for Proposals  
[CfP09]

Synergies with ESIF

*Clean Sky 2 JU*

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# The concept of synergies

- ✓ The synergies among programmes mean **joint** or **coordinated** efforts to achieve **greater impact** and **efficiency**, and aim at maximising the quantity and quality of investments.
- ✓ Ensuring a higher impact of the funds
- ✓ Synergies can be achieved through bringing together Horizon 2020 and ESIF support
  - ✓ in the same project, or
  - ✓ through successive projects that build on each other or
  - ✓ parallel projects that complement each other.
- ✓ Synergies also offer remarkable opportunities to the Public-Private Partnerships/ Joint Undertakings to optimise their Strategic Research Agenda and achieve their goals.

# Synergies in Horizon Europe

- Member States and Regions to promote **synergies** when designing their Operational Programmes 2014-2020
- Synergies with ESIF is one of the **highlighted recommendations** from the European Commission's High-Level Group, chaired by Pascal Lamy.

## “**Horizon Europe**” highlights that

- “Complementarities and **synergies** with other EU funding programmes will be fully exploited. To that end, the European Structural and Investment Funds will continue to provide an important part of the EU funds for Research & Innovation through an increased focus on innovation.
- Instruments and funding schemes in the EU Research & Innovation landscape will be **streamlined and coordinated** for the benefit of improved Research & Innovation activities. **Partnerships** will be improved building on the success of Joint Undertakings and linked with specific missions.
- The **combination** of Horizon Europe grants and financial instruments under the InvestEU Fund and with other relevant EU funding programmes will also be made easier.

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# Regional Dimension of Clean Sky 2 Joint Undertaking and Synergies with European Structural Innovation Funds

✓ **By May 2018**

17  
MoU

59  
Regions/Countries  
with priorities in RIS3

>10  
Pilot  
projects

7  
Synergy  
Labels

## Five Scenarios for Synergies with ESIF

✓ **“Seal of Excellence” type – “CSJU synergy label”**



**Certificate delivered by the Clean Sky 2 Joint Undertaking**

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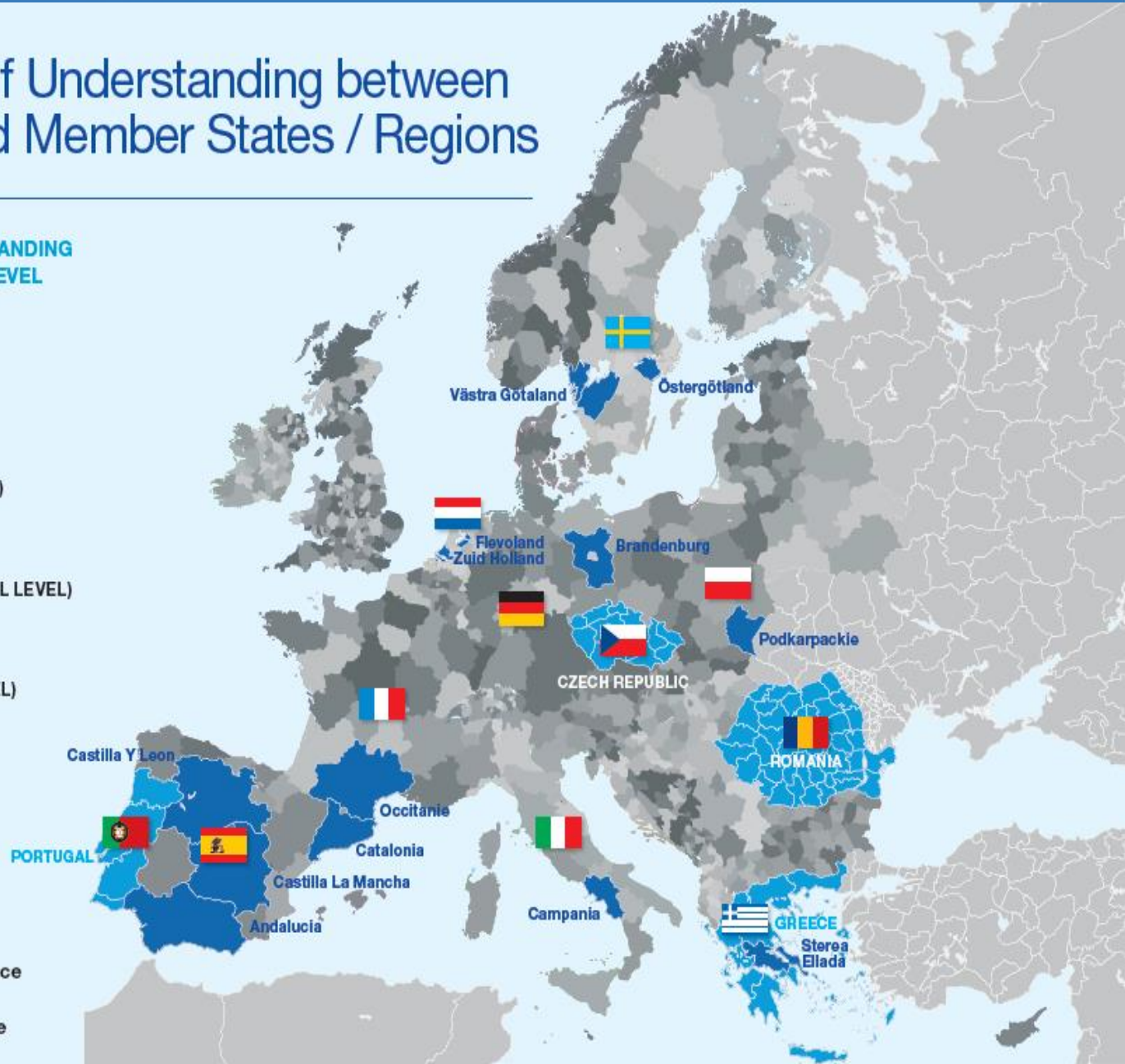
# MoU mapping

## Memoranda of Understanding between Clean Sky and Member States / Regions

### 17 MEMORANDA OF UNDERSTANDING AT NATIONAL OR REGIONAL LEVEL

-  OCCITANIE (FR)
-  CATALONIA (ES)
-  CASTILLA LA MANCHA (ES)
-  VÄSTRA GÖTALAND (SE)
-  ÖSTERGÖTLAND (SE)
-  ROMANIA (NATIONAL LEVEL)
-  ANDALUCÍA (ES)
-  CAMPANIA (IT)
-  CZECH REPUBLIC (NATIONAL LEVEL)
-  ZUID-HOLLANDE (NL)
-  FLEVOLAND (NL)
-  PORTUGAL (NATIONAL LEVEL)
-  CASTILLA Y LEON (ES)
-  PODKARPACZKIE (PL)
-  GREECE (NATIONAL LEVEL)
-  STEREA ELLADA (GR)
-  BRANDENBURG (DE)

-  Countries with a MoU in place
-  Regions with a MoU in place



# Strategic RIS3 mapping (I)

## CLEAN SKY 2 JU - RIS3 REGIONAL MAPPING

COUNTRY	REGION	RIS3 with priority in aeronautics*	RIS3 with priorities in aeronautics correlated areas**	MoU in place
Belgium	Wallonie	Aeronautics & Space		
Czech Republic	National level	Aerospace		✓
Czech Republic	Praha	Aerospace - Aeronautics & Space	Eco-innovations (Manufacturing)	
Czech Republic	South Moravia	Technologies for aerospace industries, Aerospace		
Czech Republic	Central Moravia	Aerospace	Manufacturing	
France	Normandy	Aeronautics & Space	Advanced materials	
France	Occitanie	Aeronautics & Space	Systems and materials	✓
France	Nouvelle-Aquitaine		Photonics, Electronics	
France	Bretagne		Photonics and materials for optics, microelectronics	
France	Guyane		Remote technology & sensing	
France	Île de France	Aeronautics	Optics, photonics, robotics, complex systems engineering and software	
France	Pays de la Loire		Electronics and computing, advanced materials and manufacturing systems, electronic & optical components	
Germany	Baden-Württemberg	Aerospace - Aeronautics & Space	Photonics	
Germany	Bremen	Aeronautics & Space		
Germany	Berlin	Aerospace	Optics, Photonics, Advanced materials, Advanced manufacturing systems	
Germany	Brandenburg		Optics, Photonics, Advanced materials	✓
Germany	Lower Saxony		Smart green & integrated transport systems, Advanced materials	
Germany	Hamburg	Aeronautics		
Germany	Saxony		Photonics and microelectronics, Advanced materials	
Greece	Attica	Aerospace		
Greece	National level	Aerospace		✓
Greece	Dytiki Ellada		Microelectronics	
Greece	Sterea Ellada		Advanced materials	✓
Greece	Kentriki Makedonia		Electronics, electrical appliances and ICT.	
Italy	Piemonte	Aerospace - Aeronautics & Space		
Italy	Lombardy	Aeronautics & Space & Environment		
Italy	Campania	Aerospace - Aeronautics & Space		✓
Italy	Apulia	Aerospace - Aeronautics & Space		
Italy	Sardinia	Aerospace - Aeronautics & Space		
Italy	Umbria	Aerospace - Aeronautics & Space		
Italy	Lazio	Aerospace - Aeronautics & Space		
Italy	Toscana		Photonics, Advanced manufacturing systems	
Italy	Aosta Valley		Sensor technologies, implementation of monitoring networks.	

# Strategic RIS3 mapping (II)

COUNTRY	REGION	RIS3 with priority in aeronautics*	RIS3 with priorities in aeronautics correlated areas**	MoU in place
Malta	Malta	Aviation and Aerospace		
Poland	Opolskie		Advanced manufacturing systems	
Poland	Pomorskie		Electrical engineering	
Poland	Slaskie		Microelectronics, Advanced manufacturing systems	
Poland	National Level ( NCRB)		Advanced manufacturing systems	
Poland	Podkarpacie	Aviation - Aeronautics & Space		
Poland	Lublin		Mechatronics, possible RIS3 evolution toward aeronautics, Microelectronics	
Portugal	Lisboa	Production and repair for aeronautic industries		
Portugal	Norte		Mobility and Environmental Industries	
Portugal	Alentejo		Critical technologies, energy and smart mobility	
Portugal	Centro		Manufacturing, Information and communication technologies	
Portugal	National level	Aeronautics & Space		✓
Romania	National level	Development of innovative space and security applications / Aeronautics & Space		✓
Slovakia	Bratislavský kraj		Navigation systems	
Spain	Cantabria	Satellite communication - Aeronautics & Space		
Spain	Castilla-La Mancha	Aeronautics		✓
Spain	Andalucía	Advanced transport systems - Aeronautics & Space		✓
Spain	Catalunya		Materials	✓
Spain	Madrid		Navigation systems, Advanced manufacturing systems	
Spain	Castilla y León	Productive efficiency in Aeronautics, making materials and components the keys to leadership and sustainability	Advanced materials, ICT, advanced manufacturing and processing, sustainability, security & mobility.	✓
Spain	Basque Community		Advanced manufacturing systems	
Sweden	National Level	Innovair - Aeronautics & Space		
Sweden	Västra Götaland ( Western)	Aeronautics		✓
Sweden	Östergötlands län ( Eastern)	Aeronautics	Advanced materials	✓
The Netherlands	Flevoland (East)	Aeronautics		✓
The Netherlands	Zuid Holland (West)	Aeronautics		✓
United Kindom	England	Aeronautics & Space		
United Kindom	Wales		Advanced materials, Photonics	

\*Preliminary mapping based on data from RIS3 platform, analysis in AIRTn CSA project deliverables and bilateral contacts/exchanges by the CSJU

\*\* technologies related to aeronautics such as advanced materials, microelectronics, sensing, advance manufacturing



# Synergies between Clean Sky and ESIF

- Clean Sky **mapping** of “aero” Regions with such priorities
- Many RIS3 refer to **aeronautics or correlated areas** (materials, R&I, transport, CO2 reduction etc.) among their priorities
- **Strategic opportunity** for linking their OPs and funding schemes to Clean Sky 2 and implement projects in synergy
- **Synergies and complementarity**, an opportunity for all participants, whatever their size and role in the Innovation Chain
- Opportunity for **significant support** to the supply chain, SMEs, Clusters (active in Clean Sky or planning to apply)

# ESIF: How does it work?

- **Identify relevant Operational Programme(s) & Managing Authorities:**
  - By territory* (OPs can be country-wide or per region) and
  - By themes / specific objectives*
    - ERDF: [http://ec.europa.eu/regional\\_policy/en/atlas/](http://ec.europa.eu/regional_policy/en/atlas/)
    - ESF: <http://ec.europa.eu/esf/main.jsp?catId=576&langId=en>
    - RIS3 <http://s3platform.jrc.ec.europa.eu/home>
- **Identify open or planned calls / funding opportunities under ESIF**
- **Contact Managing Authorities** for funding opportunities in R&I (not only calls specific to aeronautics, also calls for R&I or SMEs etc) and how you could link a proposal to an ongoing CSJU project or complementary activities proposed within a CfP (the Region may reward this “European” approach with specific selection criteria or extra points...)
- **Develop proposals by considering what you’re already doing or planning to propose under CSJU calls:** funds under ESIF mostly to be spent **within OP's territory** , limited exceptions possible

# CfP applications: how to propose an ESIF WP

- Applicant to CSJU calls may propose a complementary and separate set of activities which may be granted ESIF support **(the “ESIF WP”)**
- The ESIF WP may be added only to the **optional Template form in the Part C**
- Content: description of the WP activities with explanation of links/synergies plus description of resources and Total Eligible Costs and ESIF funding value (where applicable and the ESIF scheme is known at that stage)
- Examples:
  - Alternative tech/solution to same requirement of CSJU topic is proposed in parallel to the proposal responding to the topic, for instance more rewarding but not compatible with the CS2 schedule requirements
  - Parallel R&I activities, identified by the applicant as complementing the proposal, going beyond the requirement, having a strategic content for the applicant and increasing the impact or the market take up

# Template form in the Part C



## Research and Innovation Actions (RIA) Innovation Actions (IA)

### Leaders/Core-Partner(s)/Partner(s) Proposal Template

#### PART C ESIF Complementary Activities

- January 2018 -

#### PART C SUBMISSION [Optional]

This part allows **JU beneficiaries** (private Members or Partners) to introduce complementary activities funded or eligible for support through ESIF that are in synergy/complementarity with the JU funded project/activities under implementation, topic area and/or contribute to the objectives of the Clean Sky 2 Programme. These activities shall be presented under separate Work Package/s (ESIF WP) linking to the JU funded project/activities that clearly indicates ESIF and the relevant national/regional funding scheme/call or ESIF Operational Programme as the possible source of public funding.

This template is analogous to the standard Part B template that is used in the JU calls for describing the core proposal activities which address the topic. All content related to the ESIF complementary activities must be described in this document only.

- ⚠ It is in your interest to provide an elaborated description of optional complementary activities for potential support through ESIF as this will allow a specific evaluation of these activities by the Clean Sky 2 JU under H2020 criteria and procedures – thus enabling any involved or interested **ESIF Managing Authority or competent Member State / Region** to consider this evaluation within the framework of their applicable/relevant ESIF financial instruments under their authority.
- ⚠ This part is subject to a **20-page limitation**, including the table templates as presented at the end of the present document. The minimum font size allowed is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).



#### COVER PAGE

⚠ Please indicate to which JU funded project/activities the proposed complementary activities are related to:

CSJU Call Identifier	
Project name/acronym and topic	
GAP ref. number	<i>(applicable to Partners)</i>
GAM ref. number and relevant WPs within Annex I	<i>(applicable to Core Partners)</i>

⚠ Please indicate whether the proposed ESIF WP(s) are already the object of a submission made / could be considered in the context of an ESIF call. In addition please indicate which is the competent Member State / Region or ESIF Managing Authority relevant for the ESIF WP(s) proposed.

ESIF Call Identifier	<i>(if applicable)</i>
Topic	<i>(if applicable)</i>
Proposal Number	<i>(if applicable)</i>
Proposal Name / Acronym	<i>(if applicable)</i>
ESIF Managing Authority or competent Member State / Region	<i>(Mandatory)</i>

**Title of Proposal:**

**List of JU Leader/Partner/Core Partners proposing the ESIF complementary activities and of other legal entities (not active in CSJU) involved in the proposals: /s**

No *	Participant Organisation Name	Country/Region
1 (Coordinator)		
2		
3		

\* Please use the same participant numbering as the one used in the administrative proposal forms.

# How to propose complementarities with ESIF

Apply to Clean Sky calls



Option to propose to CSJU complementary Work Packages



CSJU evaluate them against H2020 criteria + synergy label

The MS/Region with MoU sets a funding mechanism to uptake or prioritize CS2JU evaluated projects + synergy label



Not legally binding



# CfP application: ESIF WP (I)

- No change in the rules, **the proposal shall meet the topic scope in full**, the budget shall cover the full scope of the topic
- ESIF WP will be evaluated as a separate process - outside the CfP rules and evaluation. **No impact on the ESR and scores of the proposal**
- Only those ESIF WP proposed by the **selected applicants** in the call will be evaluated. Some proposal in the reserve list could be also considered.
- Only well identified activities/budget which will/may be supported through ESIF by the MS/Region shall be included in such a section
- Reminder: ESIF cannot be used to replace private contribution in JU co-funded action and no double funding of same costs items (!)

# CfP application: ESIF WP (II)

- The JU will assess any proposed complementary activities in the ESIF WP via a **dedicated evaluation of the “CSJU Synergy Label” with the submitted proposal and ITD/IADP area where appropriate** and make possible recommendations
- The JU will ask feedback to the Leaders (TM) on the activities proposed and its “potential” of fitting as complementary within the Programme area and possible impact
- ESIF managing authority may consider using the CSJU evaluation and synergy label to fund those activities still based on their rules and funding schemes (submit the ESIF WP through the regional calls or other schemes).
- Consider ESIF funding also during JU project implementation for amplification of scope/additional technical activities required etc. The JU may be asked to assess this proposed complement of activities and award a “synergy label” which may support your application for ESIF

# Recommendations for applicants

- **“Seize the momentum”** of a CfP application and **“think strategic”** when designing proposals by considering different financial instruments to achieve synergies (also during project implementation for amplification, spin-off etc.)
- **Identify upfront the ESIF funding schemes** which may be used for requesting ESIF support to the complementary activities and their rules (eligibility, minimum requirements, funding rate, selection etc.)
- **Contact the Regions and Managing Authorities** in your MS/Region and encourage them to consider building synergies with the CSJU (a win-win strategy..). This may lead to obtaining ESIF funding for your activities linking to a CS funded project and with a “CS label” awarded by the JU
- Consult CSJU guidance  
<http://www.cleansky.eu/content/page/synergies-structural-funds>



# Where to find more information

- Dedicated webpage on CSJU cooperation on synergies with MS/Regions with RIS3 mapping, regional statistics, how to engage in a cooperation : <http://www.cleansky.eu/structural-funds-and-regions>

or contact to: [Christos.Vasilakos@cleansky.eu](mailto:Christos.Vasilakos@cleansky.eu)

[Bruno.Mastantuono@cleansky.eu](mailto:Bruno.Mastantuono@cleansky.eu)

- The 2018 updated brochure Clean Sky working together with the Member States and Regions has published. In this version you will find a new map with the Member States and Regions with a MoU in place, an updated regional mapping, the national/ regional participation in Clean Sky 2 up to the end of 2017, more pilot projects and good examples of complementary national and regional calls.



[www.cleansky.eu/structural-funds-and-regions](http://www.cleansky.eu/structural-funds-and-regions)

Clean Sky  
www.cleansky.eu

Any questions?

[Info-Call-CFP-2018-02@cleansky.eu](mailto:Info-Call-CFP-2018-02@cleansky.eu)

Last deadline to submit your questions:  
5<sup>th</sup> December 2018, 17:00 (Brussels time)

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# Thank You

