



# The Stairway to excellence (S2E)

Boosting regional growth through innovation

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<http://www.cleansky.eu/structural-funds-and-regions>



# Clean Sky : Innovation takes off

## Aeronautics: a sector of excellence of Europe

- € 140b – 530 000 jobs –top-ranking worldwide - but global competition heating up, with a 5% average, worldwide growth of air transport
- Constant spill-overs from aeronautics to other sectors

## Clean Sky : a “Joint Technology Initiative”

- Focused on environment and competitiveness for aeronautics
- Integrated technologies, industry-led, up to full scale demonstrators
- 600 entities participating in Clean Sky 1 (FP7) in 2008-2017
- Clean Sky 2 (H2020): 4 B€ total funding – 1.8M public, 2.25M private
- 133 Members and almost 294 Partners ( 109 SMEs) already selected



# Addressing H2020 Transport Challenge Areas

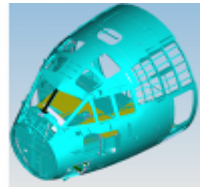
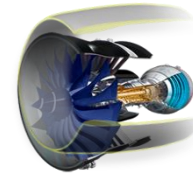
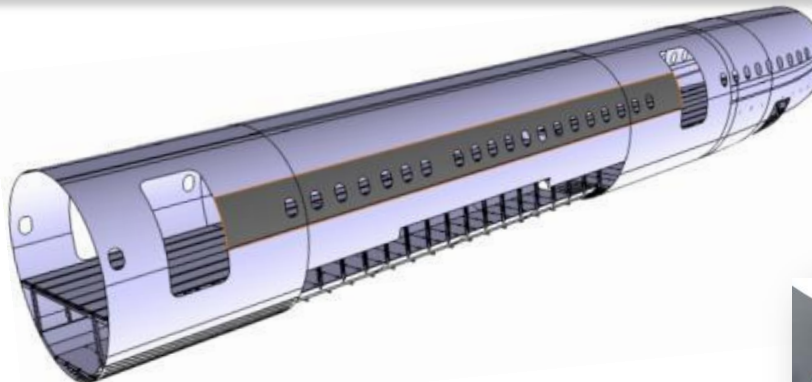
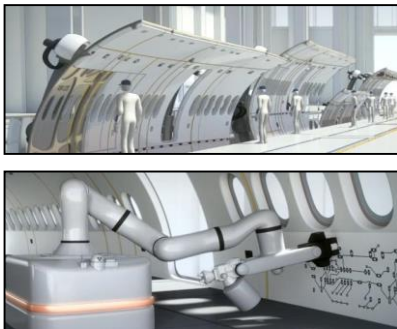
## Energy Efficiency & Environment



## Enabling Safe & Seamless Mobility



## Building industrial leadership in Europe



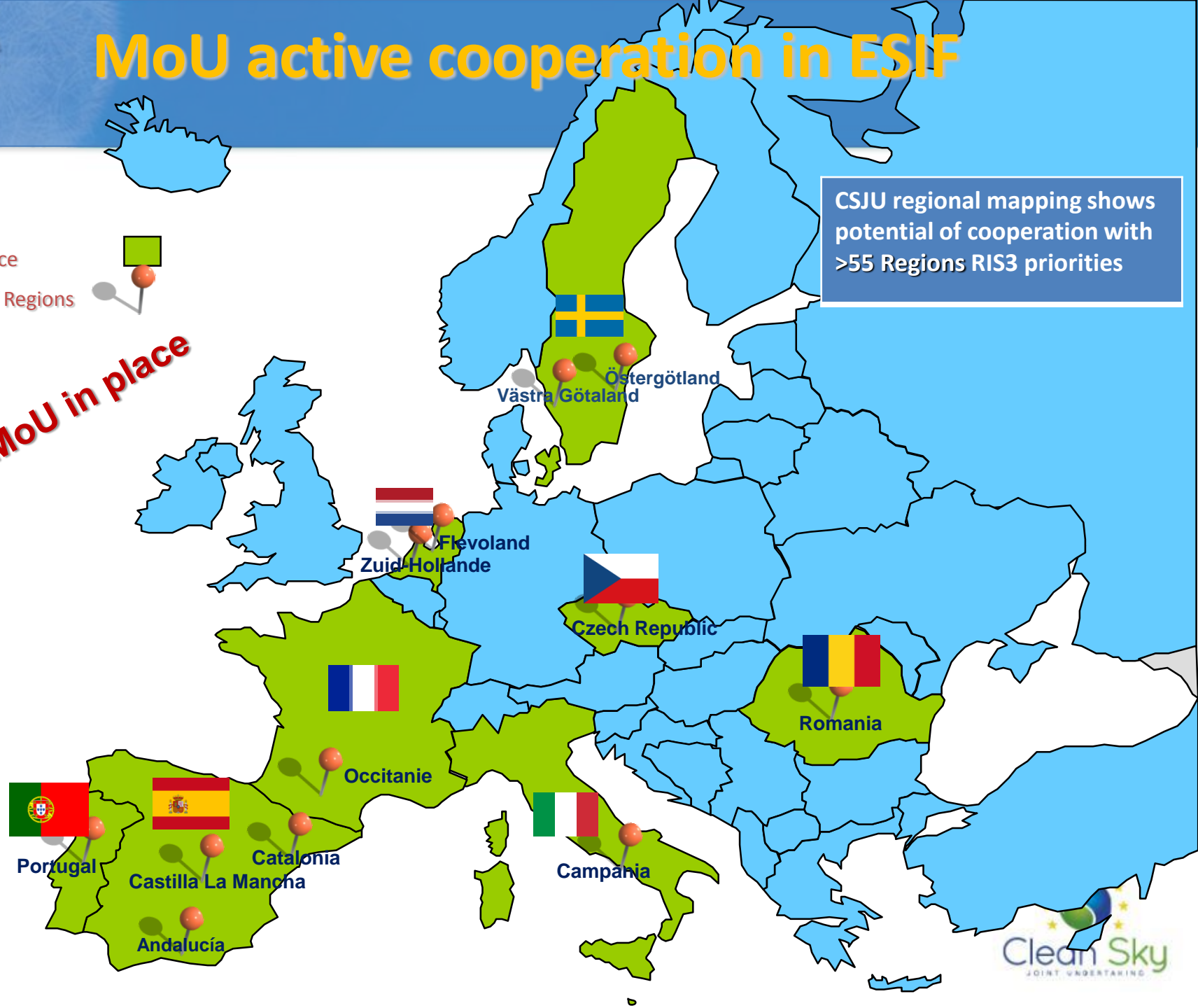
# MoU active cooperation in ESIF

MoU in place

Countries / Regions

✓ 12 MoU in place

CSJU regional mapping shows potential of cooperation with >55 Regions RIS3 priorities





# Potential for Regional cooperation

Many other priorities/areas (not only aeronautics-specific) and many other MS/Regions are relevant for building synergies with Clean Sky...



# 5 Scenarios for Synergies with ESIF

- ✓ Upstream support (*Swedish MoUs coupled with National Strategy*)
- ✓ Parallel funding (*Swedish Regions, Czech Republic, Cataluna*)
- ✓ Sequential funding / downstream support (*Cataluna, Occitanie*)
- ✓ Thematic calls (*Occitanie, Campania under preparation..*)
- ✓ “Seal of Excellence” type – “CSJU synergy label” (*Romania, Andalucia, Castilla*)

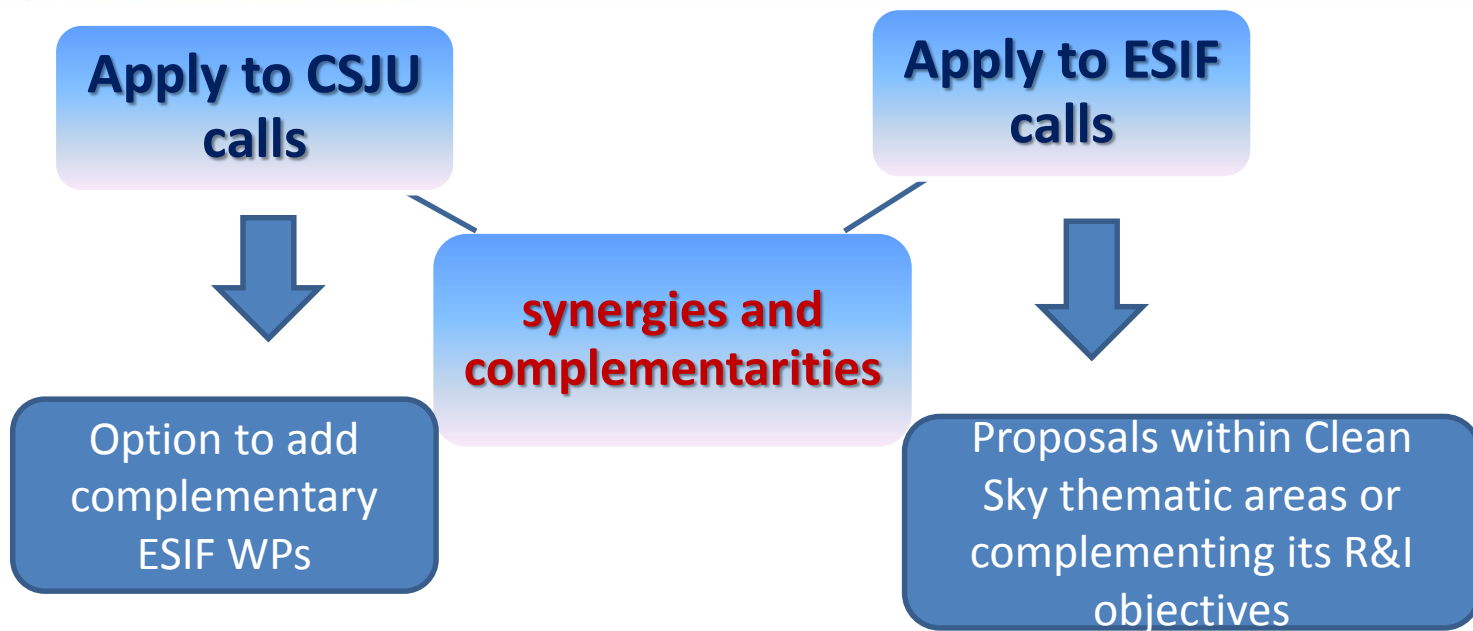


SYNERGY LABEL

Certificate delivered by the Clean Sky 2 Joint Undertaking



# The approach to synergies



- More coordination/integration between OPs and H2020 to meet high R&D challenges in aviation while enhancing regional capabilities/supply chain... a key driver for EU 13
- More European level and targeted R&I projects linked to Clean Sky agenda/roadmap
- Support via ESIF a more strategic role of regional stakeholders at “Membership” level in Clean Sky → increased leverage effect
- Boost SMEs from different fields to aviation key topics via ESIF support
- Integration of ESIF activities in Clean Sky for more impact and market uptake



# What could be improved

- H2020/ ESIF have different rules... e.g applying different funding rates to R&I complementary projects affects technical consistency
- Make use where appropriate of H2020 evaluations and quality labels certifications such as the “Clean Sky label”
- RIS3 are often too wide, too many priorities identified → hesitation to launch thematic calls/funding schemes
- Establish in RIS3 and OPs more structured links and cooperation with European R&I initiatives such as Joint Undertakings → take commitments and design specific instruments
- Set key indicators in the OPs to monitor synergies in the relevant RIS3 priorities