

The STEPHANIE Project: *Space TEchnology with PHotonics for market and societal challenges*

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STEPHANIE

Space T_Echnology with P_Hotonics for market and societal challenges



Research and
Innovation



SME
competitiveness



Low-carbon
economy

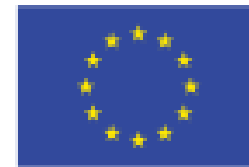


Environment and
resource efficiency



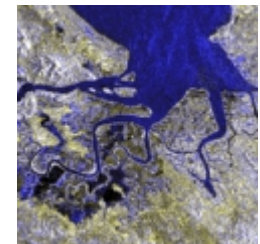
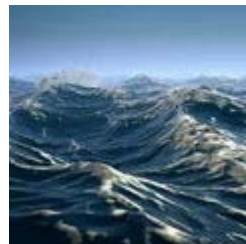
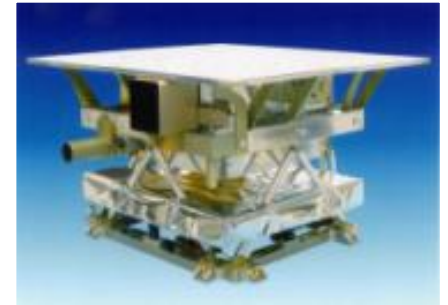
**Interreg
Europe**

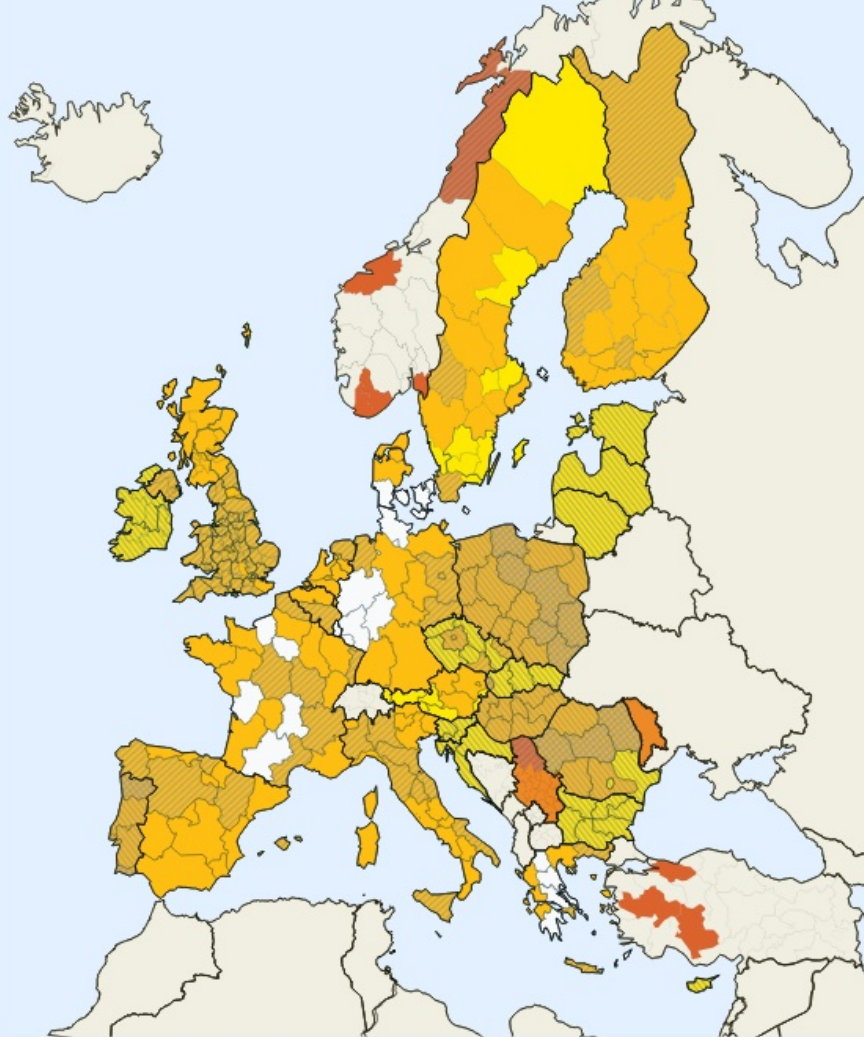
European Union | European Regional Development Fund



STEPHANIE's overall objective

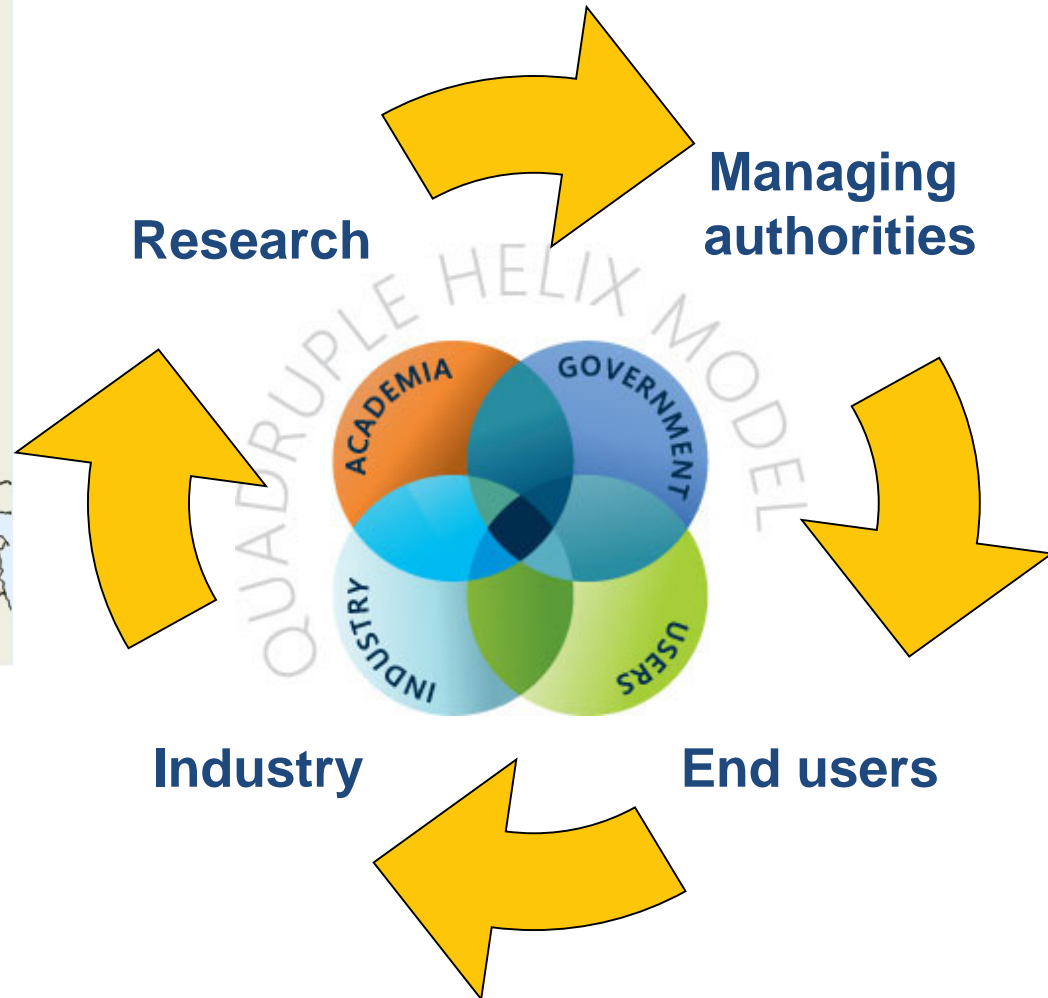
To support a move towards **public policy** capable of promoting **effective use of R&I in space technology based on photonics** to develop products with strong **market potential** and capacity to address **socio-environmental** problems.





EU regions and S3 cooperation

*Tuscany is traditionally a location of value chain in the field of **Photonics**: it offers a rich texture of **Aerospace LE**, SMEs and a unique concentration of related scientific know-how in Research Organisations.*



STEPHANIE's partnership



'Nello Carrara' Institute of Applied Physics - National
Research Council of Italy (IT) – **Lead Partner**



Regional Government of Tuscany (IT)



City of Prague (CZ)



Photonics Bretagne (FR)



NanoMicroMaterialsPhotonics.NRW Cluster c/o NMWP
Management GmbH (DE)



Andalusian Foundation for Aerospace Development Center
for Advanced Aerospace Technologies (ES)



Durham County Council (UK)



University of Liège - Liège Space Centre (BE)

STEPHANIE's Approach

The project addressed 2 main **policy challenges**, using a 2 pillar approach:

1

- ***quadruple helix cooperation*** along the technological value chain at regional and interregional level;

2

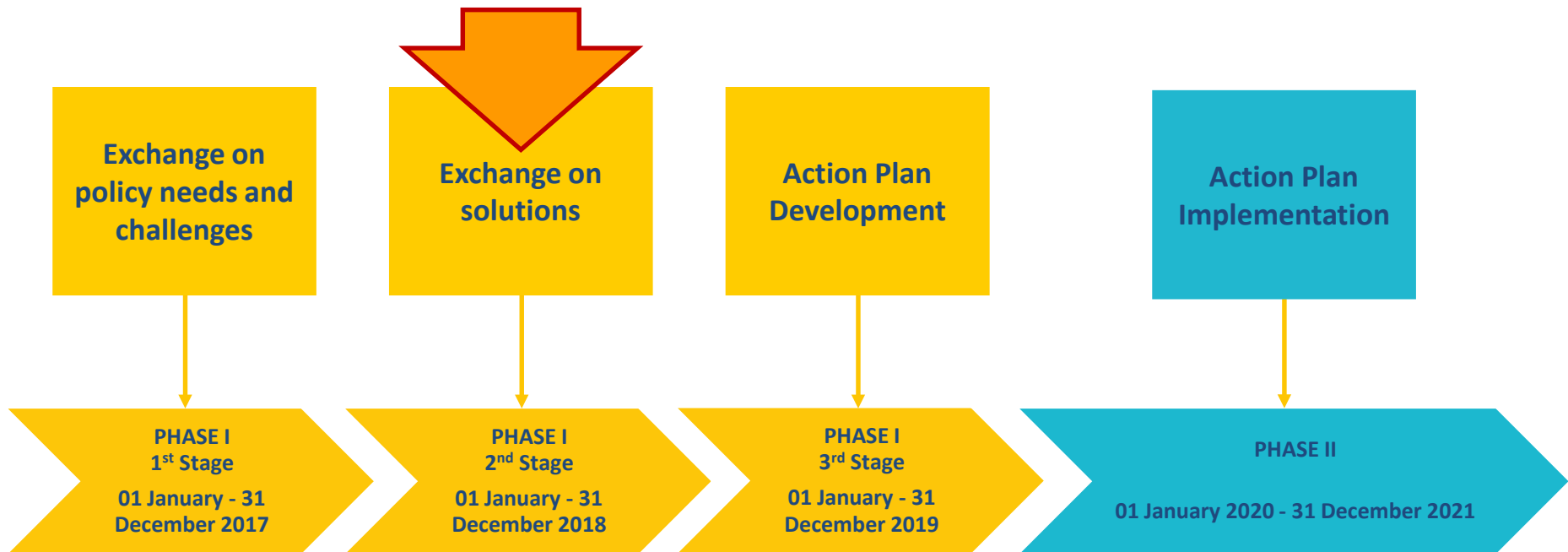
- ***funding for space technology***, including more targeted and simplified regional and interregional funding schemes.

STEPHANIE activities timeline

Official phases of STEPHANIE project activity:

Phase 1 (3 years): 01 January 2017 – 31 December 2019

Phase 2 (2 years): 01 January 2020 – 31 December 2021



STEPHANIE Work in progress on...

Presently, STEPHANIE partnership is working on:

- ***Analysis of good practises***: lessons learnt from exchange between partners can lead to improvements to the way the ROPs are managed by importing new approaches from other regions.
- ***Proposal of novel ideas***: stakeholders from the quadruple helix can propose novel ideas to improve and to make more effective funding schemes in the space and photonics sector.

Get involved!



STEPHANIE SPIA meetings

1 WHO: stakeholders from the quadrupole helix

2 WHY: to network with regional and interregional stakeholders, to impact on ERDF regional policies

3 HOW: contact r.pini@ifac.cnr.it, v.raimondi@ifac.cnr.it

STEPHANIE

Interreg Europe



European Union
European Regional
Development Fund

www.interregeurope.eu/stephanie/

THANK YOU!

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Regione Toscana

