

SME4SPACE

**SME4SPACE, the voice of SMEs in
the European space sector**

Hans Bracquené
SME4SPACE Chairman

Industry Space Days, 11th September 2018

WHAT IS SME₄SPACE

- An Association of Associations (registered in Belgium)
- Membership of individual SMEs also possible
- Representing 14 European Countries so far, with Members in 19 Countries
- More than 570 SMEs
- MoA with ESA (renewed in Sept. 2016)
- Providing feedback to/from SMEs
- Participating in EU/ESA projects

SME4SPACE MAIN MILESTONES

SME4SPACE launch

On June 2007, during Le Bourget in Paris, ESA Director General J.J. Dordain and SME4SPACE Chairman, Giovanni Sylos Labini, signed a Memorandum of Agreement (MoA). SME4SPACE is launched, even though still as an informal group.



2007

2011

SME4SPACE incorporation

On 1st July 2011, SME4SPACE is incorporated as not-for-profit organization under the Belgian law.

New MoA with ESA

During the 2016 Industry Space Days, SME4SPACE and ESA signed a new Memorandum of Agreement (MoA) in order to support the ESA SME industrial policy.



2016

2018

SME4SPACE is the representative SME organisation

SME4SPACE is fully involved in all space related tables and discussions both at ESA and European Commission level, providing information and support to its members and SME network.

SME₄SPACE MEMBERS EVOLUTION 2007 (Launch of the informal group)



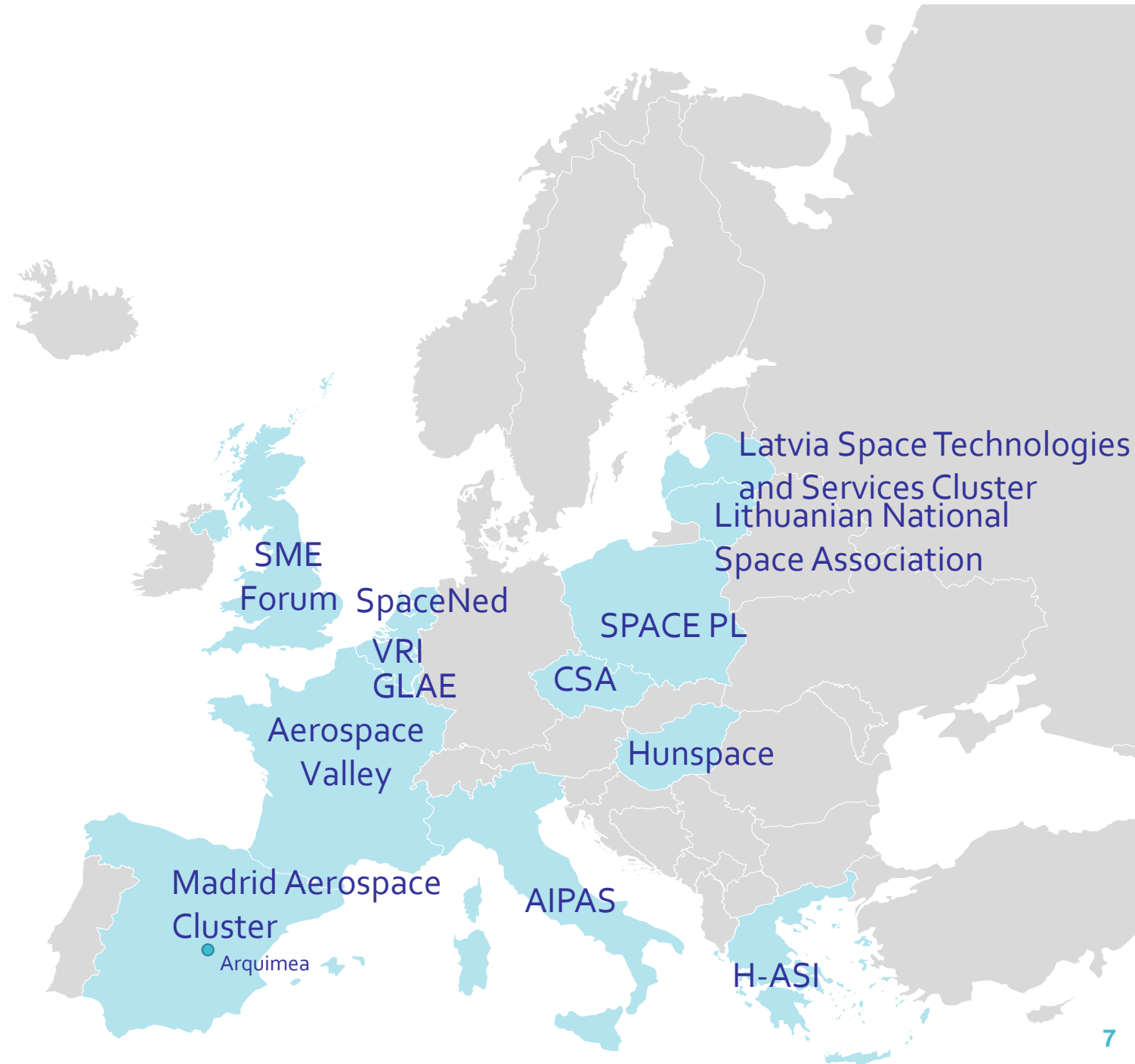
SME₄SPACE MEMBERS EVOLUTION 2011 (incorporation as Belgian not- for-profit organisation)



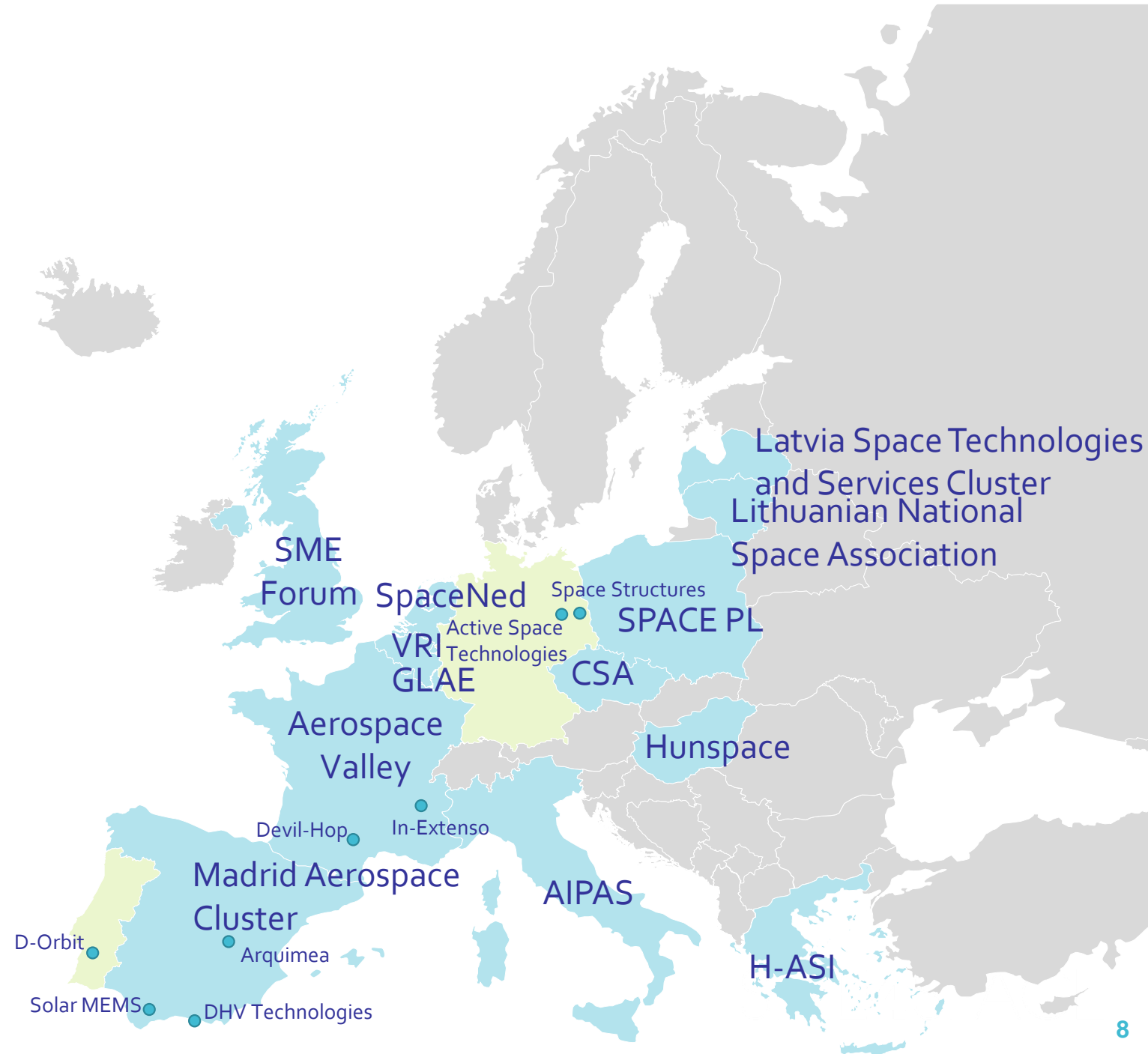
SME₄SPACE MEMBERS EVOLUTION 2012



SME₄SPACE MEMBERS EVOLUTION 2014

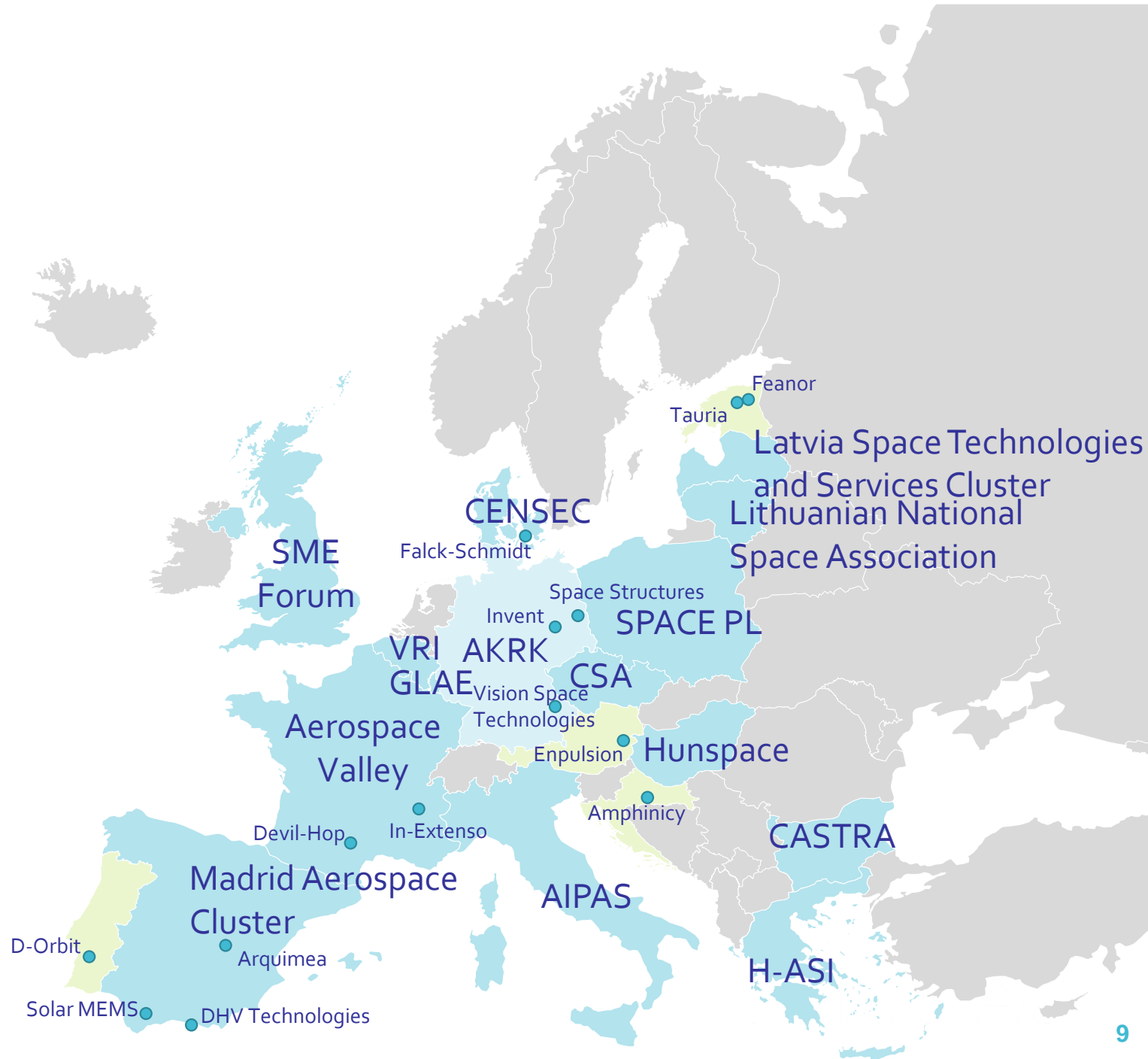


SME₄SPACE MEMBERS EVOLUTION 2016



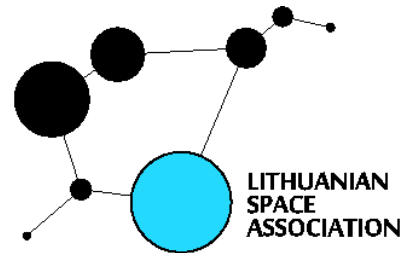
SME₄SPACE MEMBERS EVOLUTION 2018

* Collaboration
with AKRK (DE)
The Space SME
working group
within DLR



SME₄SPACE MEMBERS:

Working Members



SME₄SPACE MEMBERS:

Individual Company Members



ENPULSION

ARQUIMEA



In Extenso
Innovation Croissance



SME₄SPACE MISSION

- Defining and defending common Space SMEs positions;
- Representing the European Space SMEs towards public authorities i.e. the European Space Agency, the European Union and its related agencies;
- Organizing seminars and information sessions;
- Organizing a network of SMEs to foster cooperation;
- Promoting the networking and cooperation of SMEs with research centres and institutions;
- Carrying out research projects, participating in national, European and international projects in space and related activities.

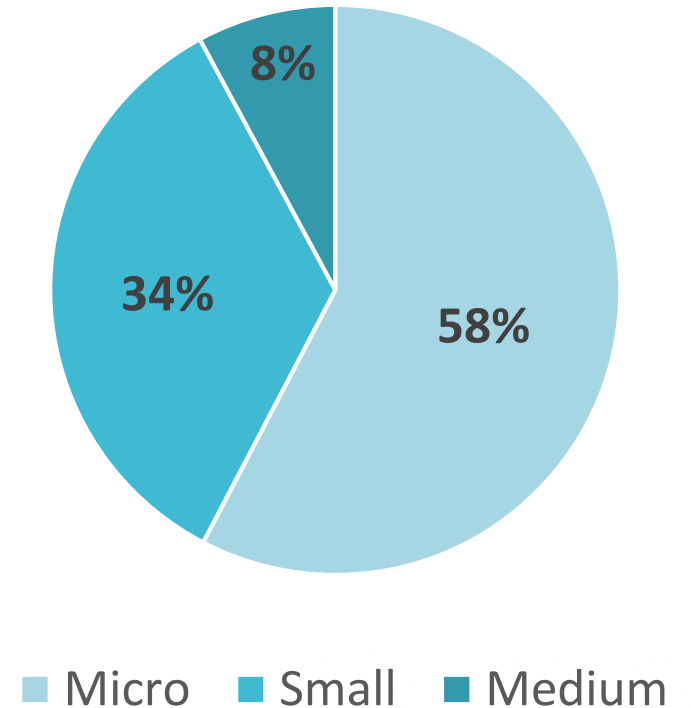
SME₄SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

- Supporting ESA in involving European and Canadian SMEs in the Harmonisation process
- Supporting ESA SME Office for the implementation of the ESA SME industrial policy
- SME representative in Industry High Level Forum
- SME representative in negotiations on model sub-contract
- SME₄SPACE Position Paper on European Commission 2021-2027 Multi-Annual Financial Framework (MFF 2021-2027)
- Participation in the Stakeholders Platform on Space R&I and in the drafting process of the SRIA for Horizon Europe EC framework Program
- Different surveys and market analysis on:
 - SMEs training needs
 - Possible mechanisms to financed well-evaluated, but not funded H2020 proposals. On going survey to be presented during IAC 2018 in Bremen:
ec.europa.eu/eusurvey/runner/SpaceProposalsH2020
 - ...
- Participation in research projects FP7/H2020

SME4SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

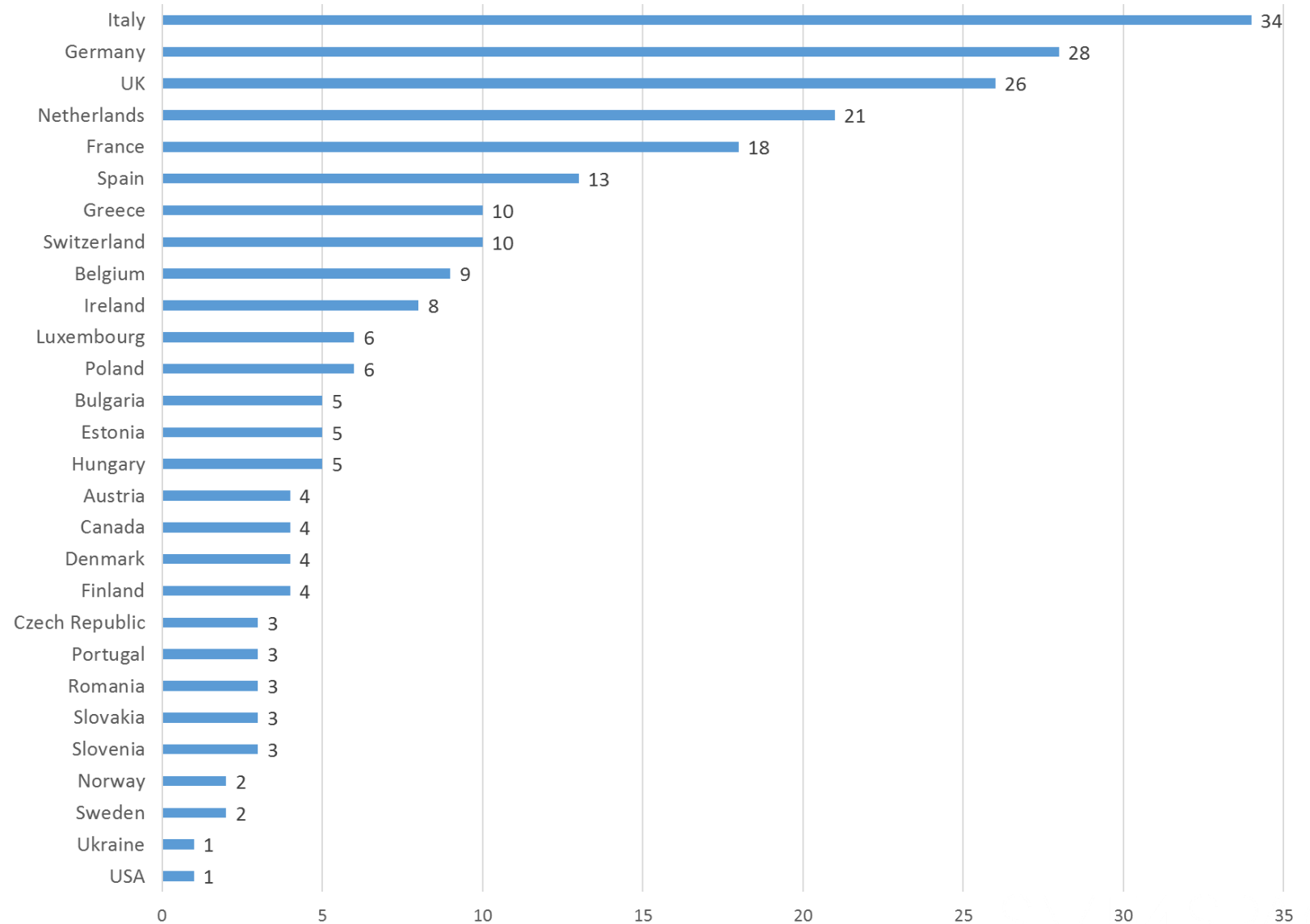
Results from the SMEs training needs survey

Company dimension	N. of Companies
Micro (<10 pax; <2M€)	139
Small (<50 pax; <10M€)	83
Medium (<=250 pax; <43M€)	19
Total	241



SME₄SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

Results from the SMEs training needs survey



SME₄SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

Results of the consultation in the framework of the 2018 Harmonisation process – Mapping phase

1 Cycle 2018 topics:

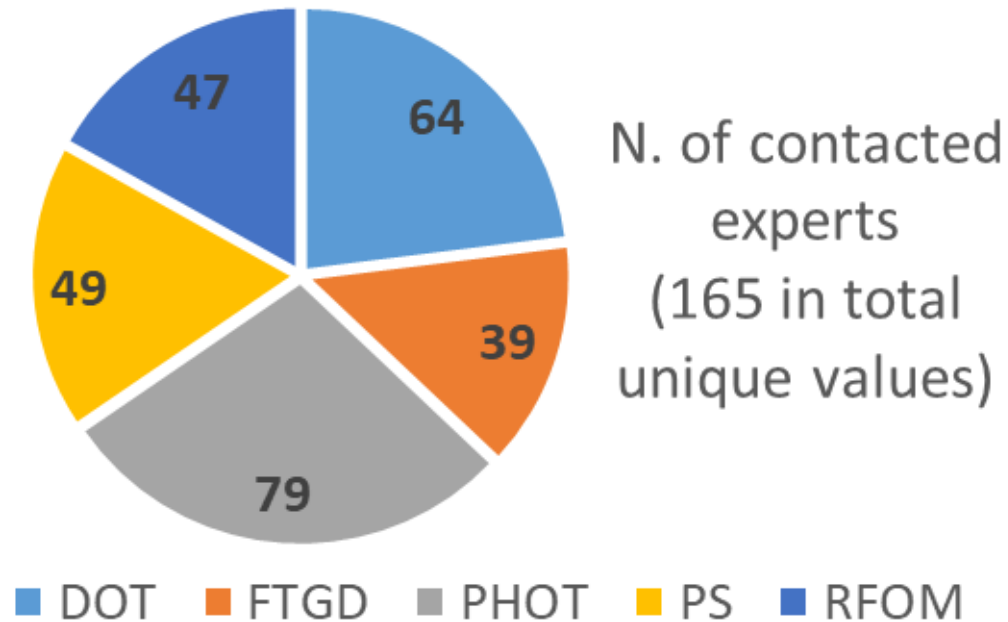
- De-orbiting Technologies (DOT)
- Frequency and Time Generation and Distribution (Space & Ground) (FTGD)
- Photonics (PHOT)
- Position Sensors (PS)
- RF & Optical metrology (RFOM)

2 Cycle 2018 topics:

- Chemical Propulsion – Components (CHPC)
- Coatings (COAT)
- Deployable Booms & Inflatable Structures (DBIS)
- Life Support Technologies (LST)
- System Modelling and Simulation tools (SMST)

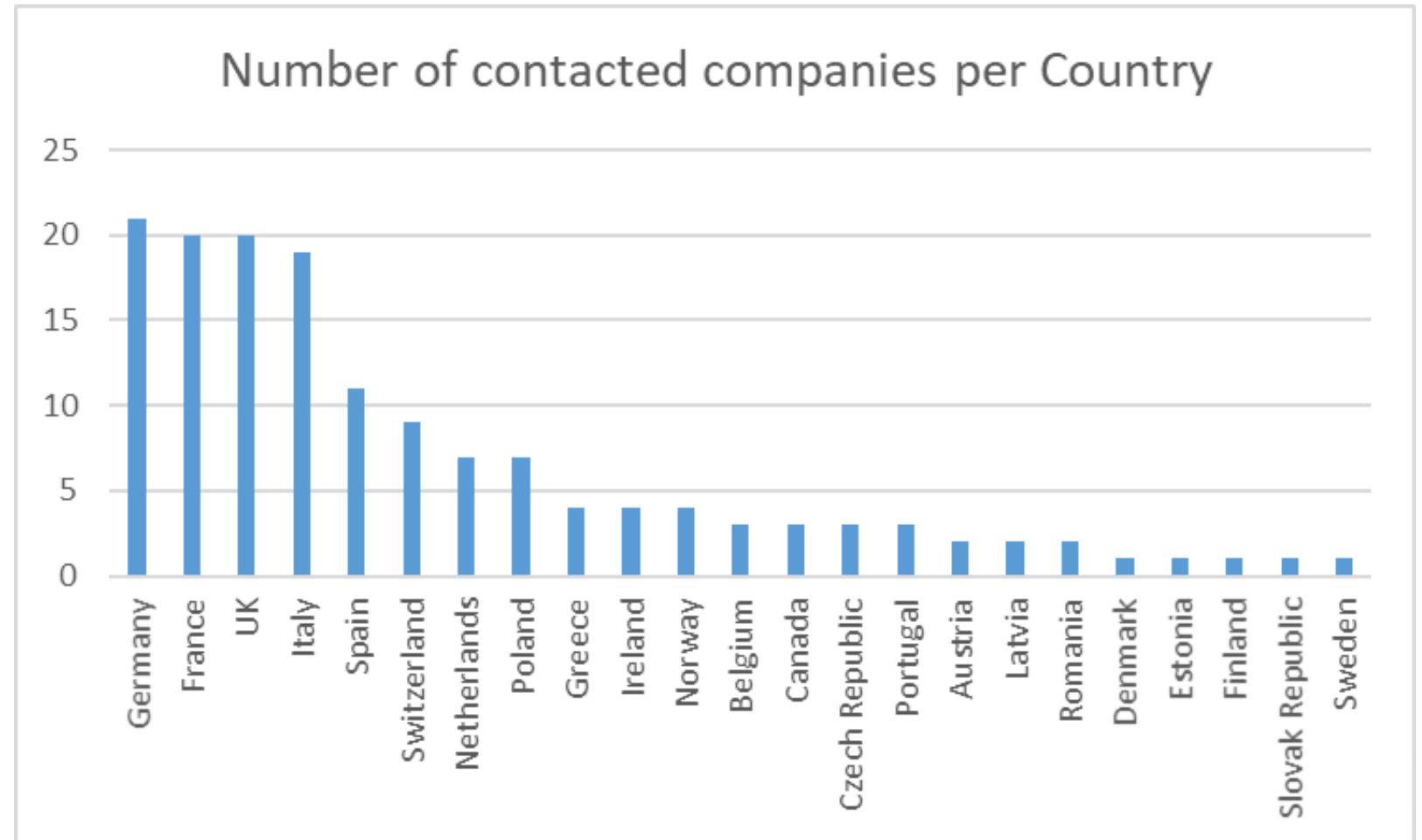
SME₄SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

Results of the consultation in the framework of the 2018 Harmonisation process – Mapping phase 1 Cycle 2018



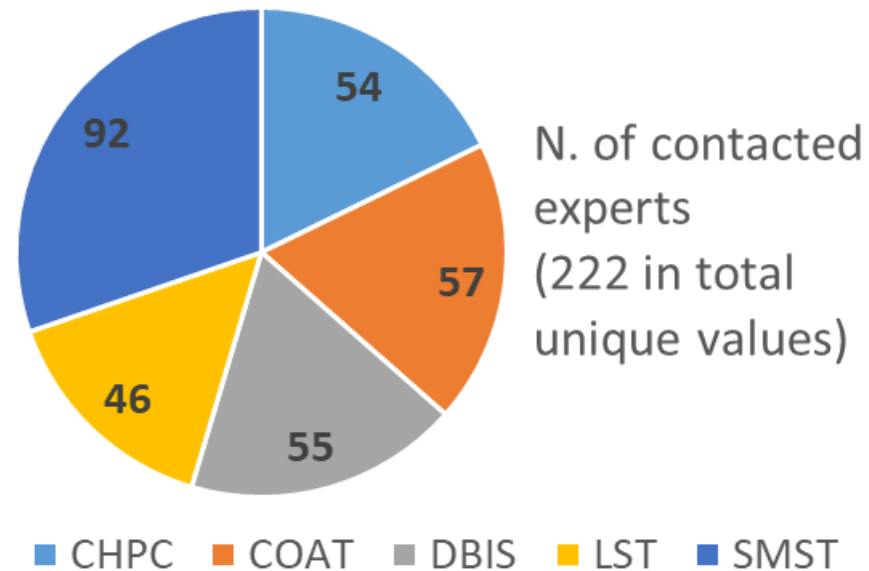
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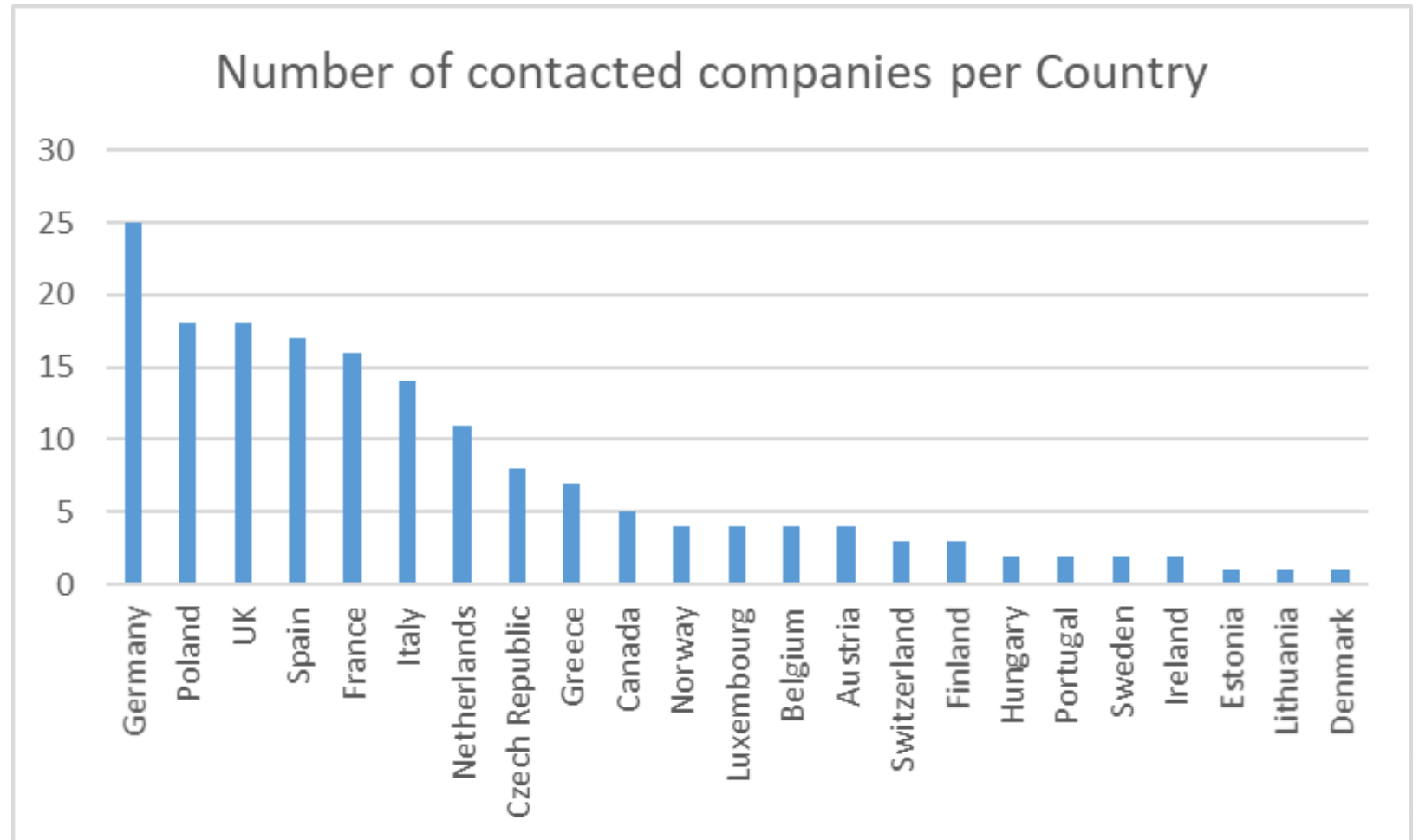
SME₄SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

Results of the consultation in the framework of the 2018 Harmonisation process – Mapping phase 2 Cycle 2018



SME₄SPACE ACTIVITIES FOR THE BENEFIT OF EUROPEAN SPACE SMES

Results of the consultation in the framework of the 2018 Harmonisation process – Mapping phase 2 Cycle 2018

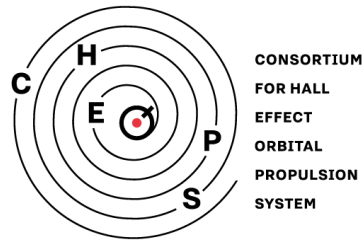


ONGOING

H2020 research projects



H2020 project EPIC (Electric Propulsion Innovation and Competitiveness) GA n. 640199



H2020 project CHEOPS (Consortium for Hall Effect Orbital Propulsion System) GA n. 730135



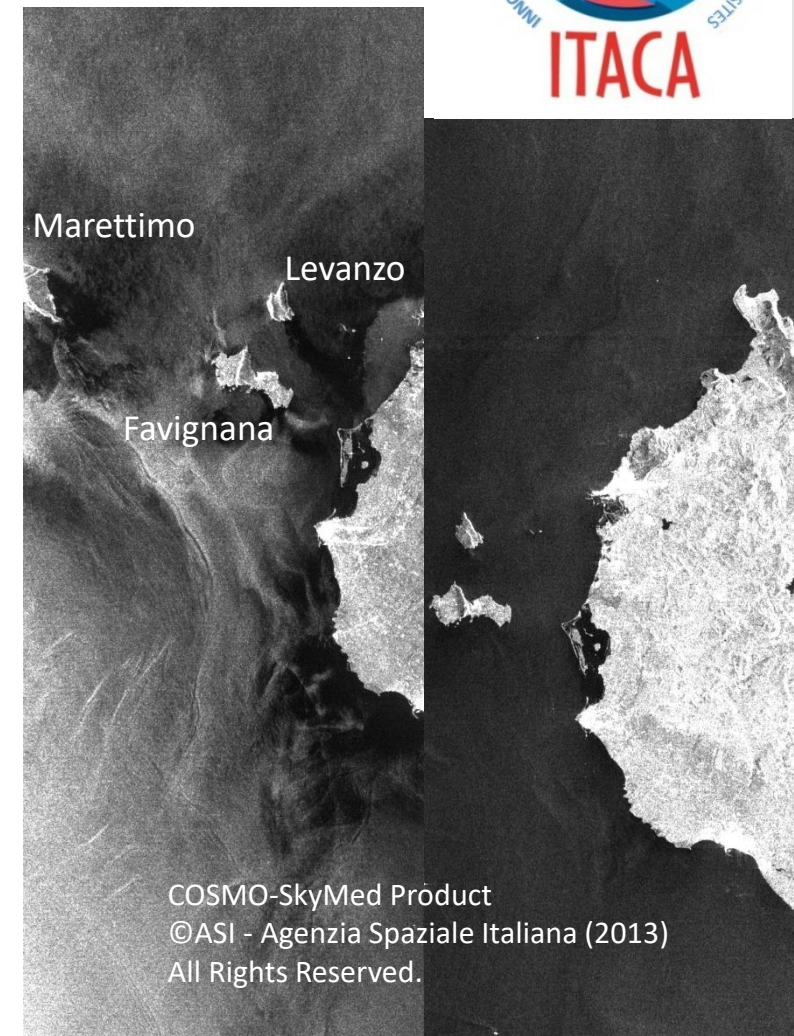
H2020 project SPACE-UP (Assisting European SPACE Start-ups in scaling UP) GA n. 776356

COMPLETED

FP7 project ITACA (Innovation Technologies and Applications for Coastal Archaeological sites)

SME₄SPACE was responsible for the following activities:

- Purchasing and providing the needed optical and SAR images
- dissemination and communication activities
 - Website update and management
 - Newsletters, social media, dissemination material production (brochures, roll-ups, branded material, t-shirts for field campaigns)



SME₄SPACE OPEN GENERAL ASSEMBLY

Tomorrow from **10,30 to 12,00** in **room Newton 1**, SME₄SPACE is going to have its **Open General Assembly** with the following agenda:

- 10:30 Hans Bracquen , SME₄SPACE Chairman – SME₄SPACE overview and services for the benefits of European Space SMEs
 - Questions and Answers (Q&A)
- 10:50 Rosario Pavone, SME₄SPACE Secretary – SME₄SPACE involvement in EC research projects
 - Q&A
- 11:10 Marco Freire, ESA Technology Coordination and Planning Office, Directorate of Technology, Engineering and Quality – The contribution of SME₄SPACE to the ESA Harmonisation Process
 - Q&A
- 11:30 General Discussion on SME policy and SME₄SPACE's role
 - Q&A and Open discussion

You are all invited to participate!

COME TO
MEET US AT
BOOTH L23



We are exhibiting at **booth L23**.

Come to visit us in order to further discuss:

- how SME4SPACE can help you;
- what we can do further to create a SME friendly environment in Europe.

CONTACTS

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Thank you
for your attention!