

# SME4SPACE

## SME4SPACE involvement in EC research projects

Rosario Pavone  
SME4SPACE Secretary

SME4SPACE Open General Assembly  
Industry Space Days, 12<sup>th</sup> September 2018

# SME<sub>4</sub>SPACE 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.

# SME<sub>4</sub>SPACE MISSION

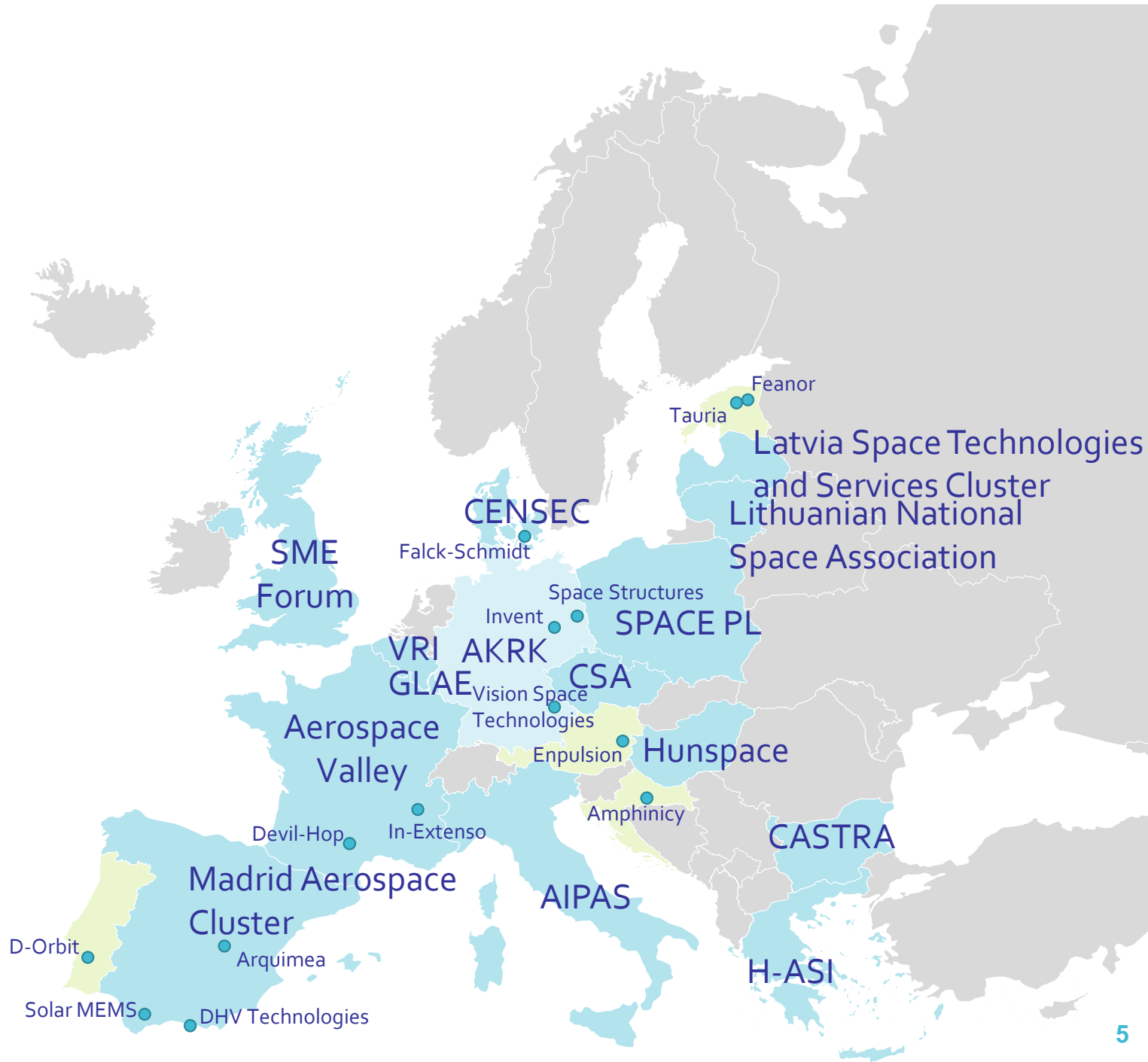
- Defining and defending common Space SMEs positions;
- Representing the European Space SMEs towards public authorities i.e. the European Space Agency, the European Union and its related agencies;
- Organizing seminars and information sessions;
- Organizing a network of SMEs to foster cooperation;
- 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.**

## SME<sub>4</sub>SPACE AS PARTNER FOR DISSEMINATION AND COMMUNICATION

- SME<sub>4</sub>SPACE is a not-for-profit organisation registered under the Belgian law
- Legal entity
- Already registered and validated in the EC Participant Portal
- Successful track in previous and on going research project (FP7/H2020)
- SME<sub>4</sub>SPACE, due to its broad coverage of European countries and for the relationships with both Space Industry and Research Centres could be an ideal partner for dissemination and communication activities

# SME<sub>4</sub>SPACE FOOTPRINT IN EUROPE 2018

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

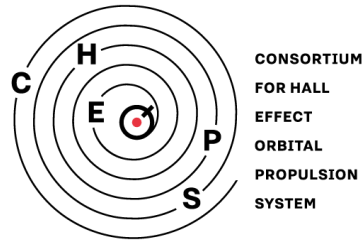


ONGOING

# 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

ONGOING

## H2020 RESEARCH PROJECTS



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

Within EPIC project SME4SPACE is participating in the following WPs:

- WP2 Technology Mapping and Application Requirements
- WP5 Dissemination and Communication activities

ONGOING

# H2020 RESEARCH PROJECTS

## WP2 Technology Mapping & Application Requirements

T2.1 Survey of available EP technologies and TRL

T2.2 Collection of Requirements from commercial and institutional actors, European Primes and Agencies

T2.3 Studies and Gap Analysis of requirements vs. Application Domains

- T2.3.1 Satcom
- T2.3.2 LEO, MEO
- T2.3.3 Interplanetary
- T2.3.4 Space Transportation

- WP2 Technology Mapping and Application Requirements
  - WP leader: CNES
- The first version of the Mapping was released in February 2015
- Integrating the input of EP Harmonisation process
- An update of WP2 Mapping could be done in next months in order to include landscape changes, new developments, etc.



ONGOING

H2020  
RESEARCH  
PROJECTS

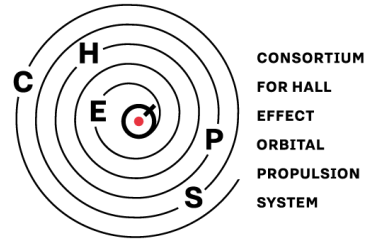


How can SMEs be involved?

SMEs can participate and provide input to SME4SPACE when the Mapping for EPIC project will be updated

ONGOING

# H2020 RESEARCH PROJECTS

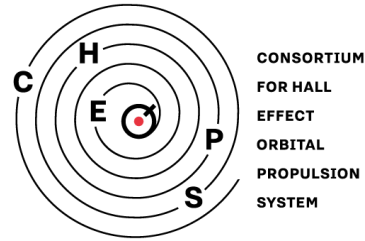


## H2020 project CHEOPS (Consortium for Hall Effect Orbital Propulsion System) GA n. 730135

- CHEOPS project is an Operational Grant under the EP Call for incremental technologies
- The CHEOPS Consortium is led by Safran Aircraft Engines and is comprised of representatives of the biggest European Prime satellite makers (Airbus Defence and Space, OHB System, Thales Alenia Space), the full EPS supply chain (Advanced Space Technologies, Bradford Engineering, DLR, SITAEL) and supported by academia and research centres (CNRS, Chalmers Technology University, SME<sub>4</sub>SPACE, Universidad Carlos III de Madrid).

ONGOING

## H2020 RESEARCH PROJECTS



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

- SME<sub>4</sub>SPACE is the dissemination and communication partner
  - Developing and managing the project website
  - Dealing with the communication and dissemination of the results at project level through website and social media
  - Preparing and purchasing all the branded material (brochures, USB keys, roll-ups, etc.)

ONGOING

## H2020 RESEARCH PROJECTS



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

- Just started in June 2018
- SpaceUp project aims at helping European start-ups to scaling up with a series of dedicated services and coaching and also thanks to two intensive days (Space Academies).
- 60 selected start-ups will be sustained to participate at the Space Academies

ONGOING

## H2020 RESEARCH PROJECTS



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

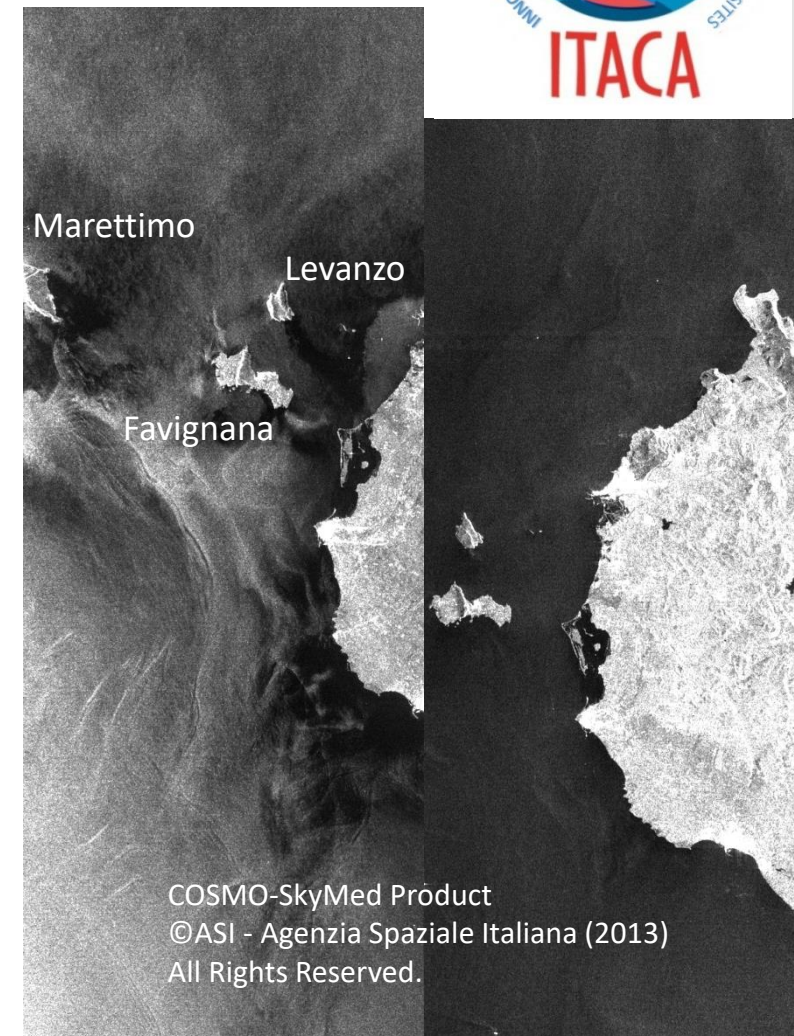
- SME<sub>4</sub>SPACE is leader of WP6  
Exploitation and reproducibility of the action
  - Finding and establishing synergies with other existing programmes and initiatives

COMPLETED

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

SME<sub>4</sub>SPACE 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)



COME TO  
MEET US AT  
BOOTH L23



We are exhibiting at **booth L23**.

Come to visit us in order to further discuss:

- how SME<sub>4</sub>SPACE can help you;
- what we can do further to create a SME friendly environment in Europe.

# CONTACTS

## Headquarters

Technologielaan 9,  
B-3001 Leuven (Belgium)  
[chairman@sme4space.org](mailto:chairman@sme4space.org)  
[www.sme4space.org](http://www.sme4space.org)

## Operative Secretariat (c/o AIPAS)

Via del Tempio, 1  
00186 Rome (Italy)  
[info@sme4space.org](mailto:info@sme4space.org)

Thank you  
for your attention!