



# PERASPERA



## The SRC Space Robotics Technologies

A brief introduction

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 640026  
This presentation reflects only the Consortium's view. The EC/REA are not responsible for any use that may be made of the information it contains.



## Content

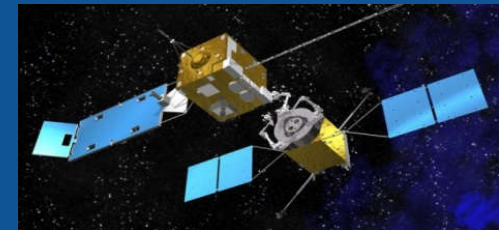
1. The original goal of the H2020 SRC
2. The PERASPERA Proposal
3. PSA structure & work flow
4. The Roadmap of the Space Robotics SRC

## The SRC in H2020

*„The SRC shall deliver key enabling technologies and demonstrate autonomous robotic systems at a significant scale (2023) as key elements for on-orbit satellite servicing and planetary exploration.“*

### General goals:

- Strengthen European industry and institutions
- Enable business in Space
- Setting technology standards for commercialization of space
- Economical, competitive, sustainable space missions & applications as well as infrastructure for the next decades
- Exploit synergies with terrestrial applications



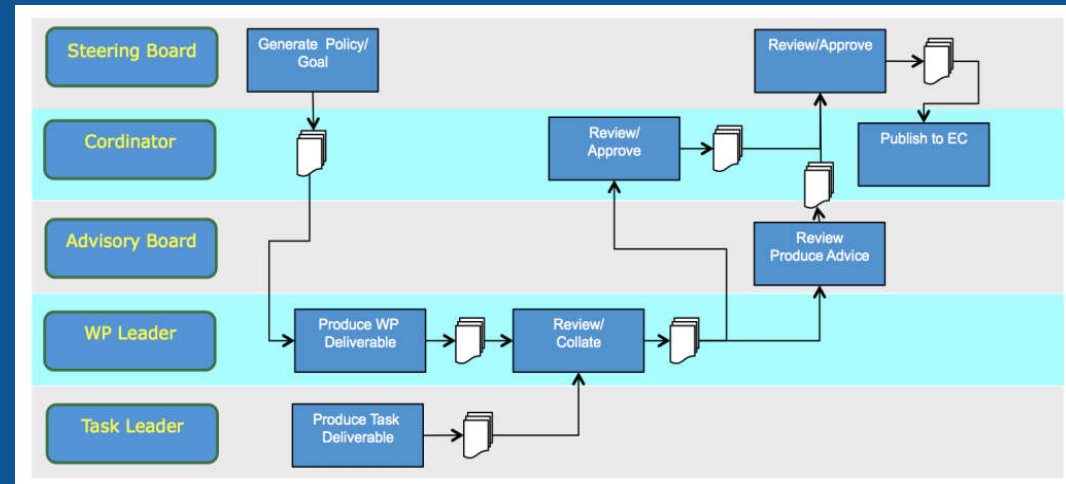
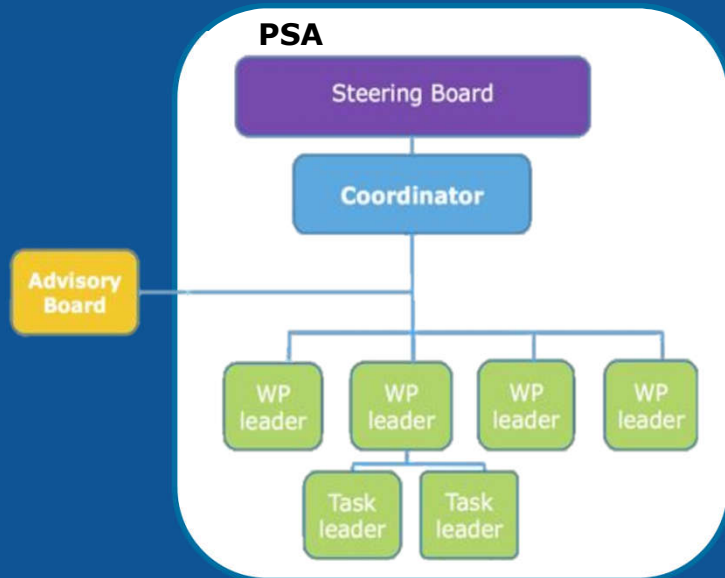
## The PERASPERA proposal

PERASPERA Process:

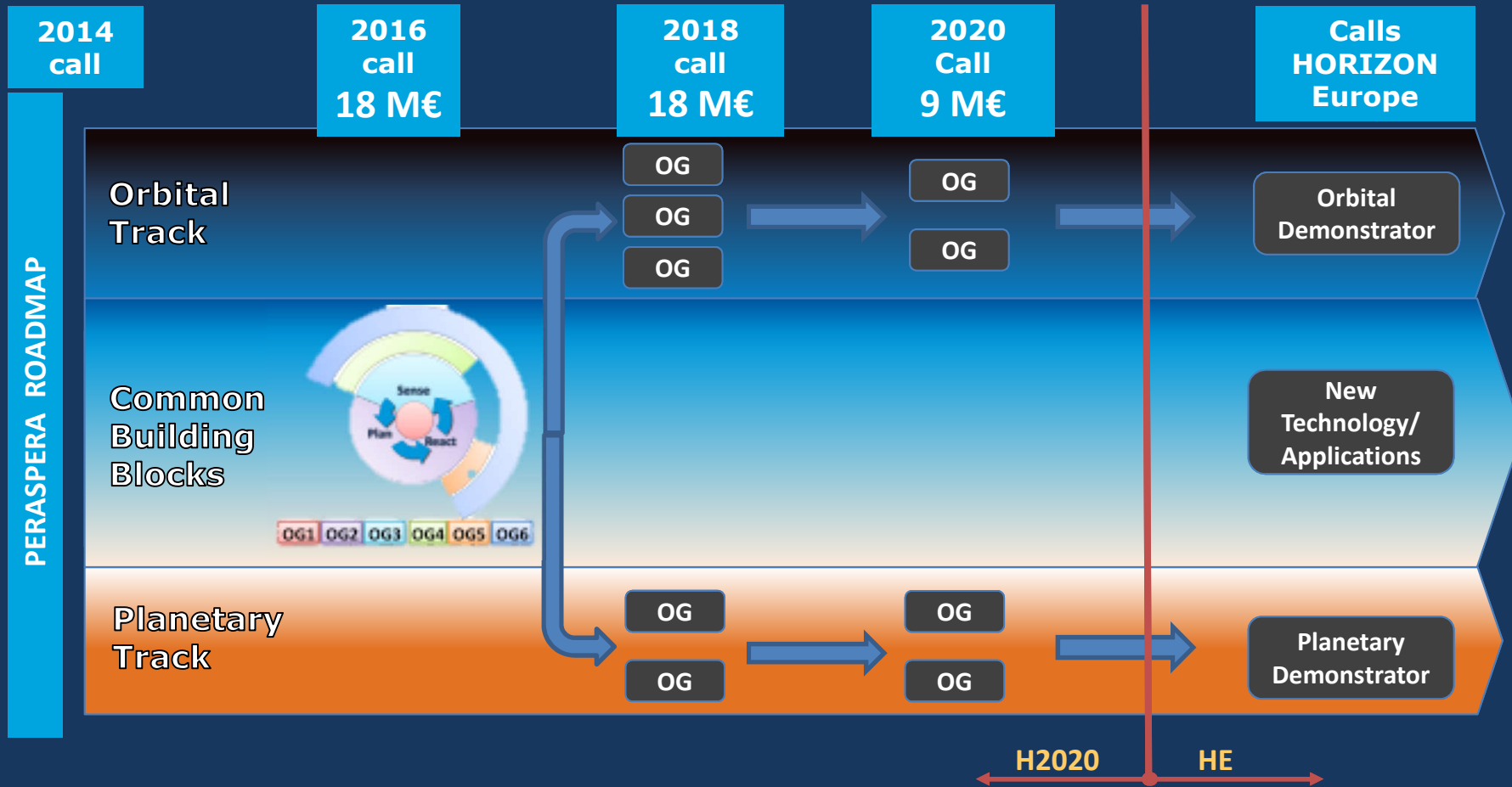
1. Develop an integrated master plan/roadmap of activities for a Strategic Research Cluster (SRC) in Space Robotics Technology
2. Roadmap is reflected within SRC through implementation of Operational Grants (OGs)
3. OGs defined and recommended by PERASPERA

Already at PERASPERA proposal time it was declared that the high level demonstration would be funded by the programme following the H2020

# PSA structure & work flow



# Roadmap Space Robotics SRC



# Roadmap Space Robotics SRC

2014

2016

2018

2020

What the SRC will need to achieve after H2020

Calls  
HORIZON  
Europe

Orbital  
Demonstrator

New  
Technology/  
Applications

Planetary  
Demonstrator

OG

OG

H2020

HE