

ARQUIMEA INGENIERÍA

EUROPEAN PROJECTS - SUCCESS STORIES of a SME



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Gabinete de Promoção dos Programas Quadro ID&I



Topics that we are interested in

Protection of European assets in and from space

- PROTEC-1-2015: Passive means to reduce the impact of space debris

Space technology

- COMPET-1-2015: Technologies for European non-dependence and competitiveness
- COMPET-3-2015: Bottom-up space technologies at low TRL

Space Exploration and Science

- COMPET-4-2015: Space Exploration: Habitat management

MICROELECTRONICS



RAD HARD MS ASICS:
REDSAT, COSMIC VISION



INTERFACE COMPONENTS:
ADC, DAC, LVDS TX...



GENERAL PURPOSE IPS:
LNA, BG, PA, PADS...



**RD DIGITAL LIBRARIES
DEVELOPMENT: RADHARQ**



**ELECTRICAL, CHARACTERISATION
AND RADIATION TEST
DEVELOPMENT**

High Temp.
SMA
(SMARQ[®])

SMA TECHNOLOGY & PRODUCTS



LOW LOAD ROTARY
ACTUATORS



SPACE
PIN
PULLERS



SPACE
HDRA

SPACE
STANDARD
NON-EXPLOSIVE
ACTUATORS
...



IMPLANTABLE
MEDICAL VALVES



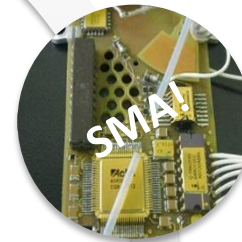
ARTIFICIAL MUSCLES

CAPABILITIES AND TECHNOLOGIES

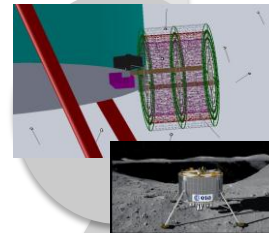
SPACE TECHNOLOGIES, ROBOTICS & SENSORS



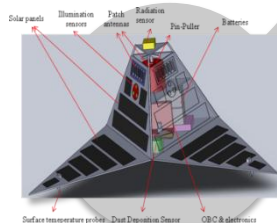
JPL
Dust Sweeper



MetNET
Dust Sensor



LDEPP
Lunar Plasma
Sensor



SWIPE
Exploration
sensors network
module

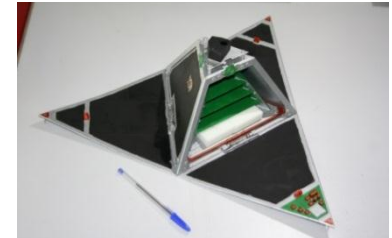
SUCCESS HISTORIES

ARQUIMEA

Passion for Technology



Space Wireless sensor networks for Planetary Exploration



Smart technology for artificial muscle applications in Space



SEPHY

Space-qualified Ethernet Physical Layer Transceiver



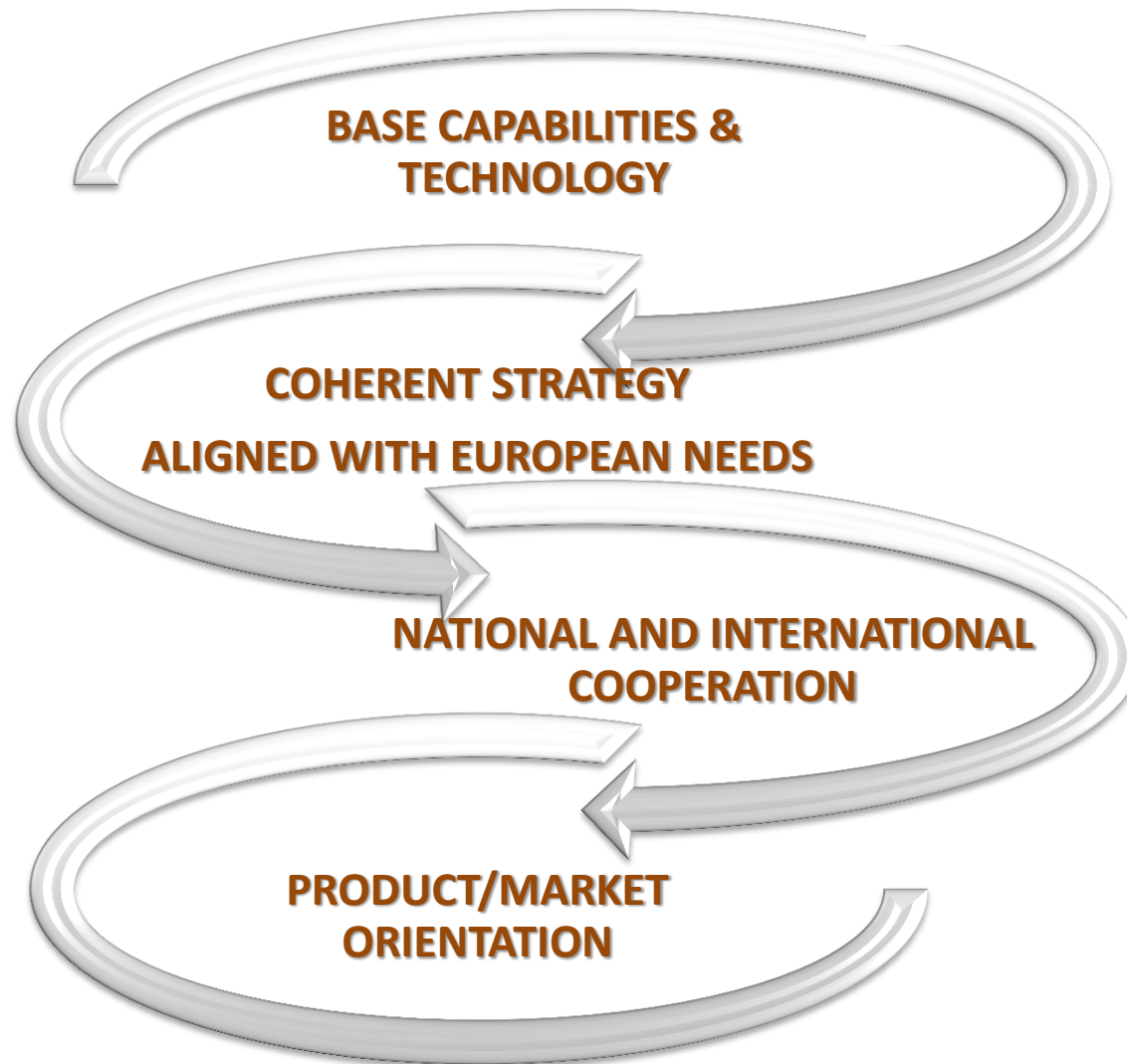
REsettable Hold-Down and Release SMA ACTuator



Gabinete de Promoção dos Programa Quadro ID&I



SUCCESS PHILOSOPHY



Potential ideas and partners

- We are open to offer our technologies and capabilities to those projects where our capabilities provide a clear added value.
- In the next call of H2020 space, ARQUIMEA will not lead any proposal.

