

Thales Alenia 8 Thales / Leonardo company Space

THALES (67%) LEONARDO (33%)





A JOINT VENTURE BETWEEN TWO LEADERS

A WORLD PLAYER IN EACH OF THE SPACE MARKETS



TELECOMMUNICATIONS

FIXED / MOBILE BROADBAND DUAL / MILITARY SECURED



OBSERVATION

CLIMATE CHANGE
METEOROLOGY
OCEANOGRAPHY
INTELLIGENCE
SURVEILLANCE



NAVIGATION

LOCALIZATION
AERONAUTICAL
COMMUNICATIONS
DATA COLLECT



/ SCIENCE

PLANETOLOGY
FUNDAMENTAL PHYSICS
ASTRONOMY
HUMAN SPACEFLIGHTS
SPACE TRANSPORTATION
SYSTEMS

TORINO

Human Space Exploration Scenario Months Hours Days

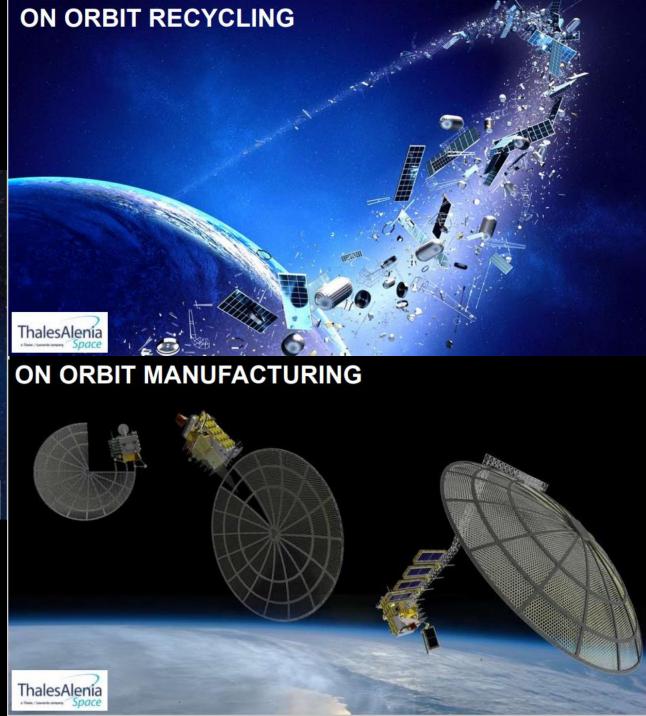


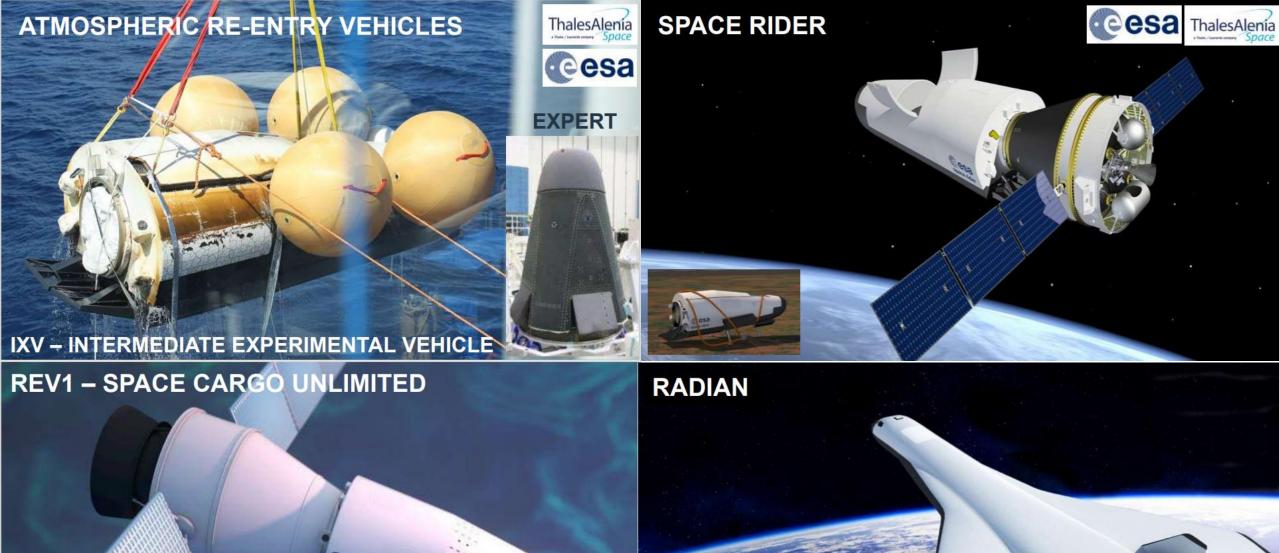
AXIOM - Commercial LEO Station













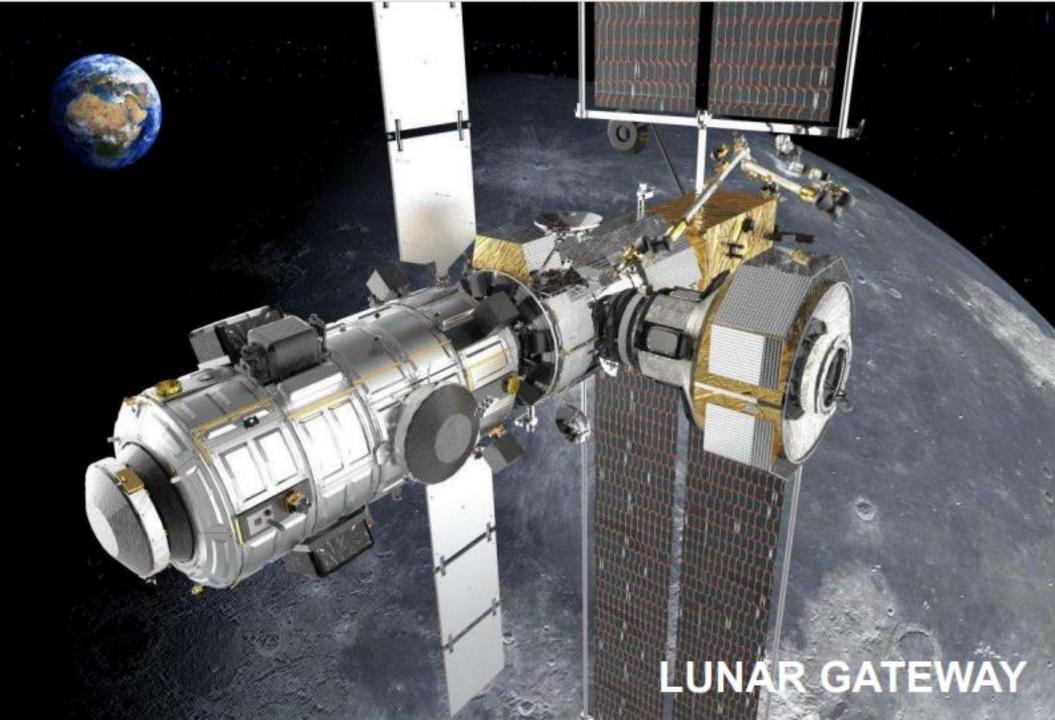


HALO i-HAB ESPRIT



NORTHROP GRUMMAN





MOON



MARS









SPACE FOR LIFE

WE BELIEVE IN SPACE AS HUMANKIND'S NEW HORIZON TO BUILD A BETTER, SUSTAINABLE LIFE ON EARTH.



#spaceforlife

Thales Alenia

THALES ALENIA SPACE ITALIA S.P.A. CON SOCIO UNICO Patent Portfolio @ End 2022

Active Patent families: 47 of those:

```
///Around 50% DESI; 40 % DONI; 10% DTI
```

///41 have at least one Grant,

///6 are still pending,

///1 Key Digital Technologies (i.e. Al) families present (deposited end of 2019)

///Trademarks: 2 registered

- 3 New Patents in the activation path
- 1 Patent transferred to GST (GranSasso Tech) Foundation

14/07/2022 - Won 2021 Best patent @ LEONARDO Awards.

TRANSITION FROM INSTITUTIONAL TO COMMERCIAL MARKET

IP Strategy:

- /// Most of the Knowledge is Industrial Secret of Multidisciplinary nature
- /// Disclosures process through
 - Patent Committee (on call)
 - Publication Committee (Monthly)
 - NDA with Partners, Frame Agreements with Academia

PATENTS:

/// FTO or Anteriority Analysis made in house



- /// Support for Patents management
- STUDIO TORTA
- /// Patent deposits countries: IT, UK, DE, FR, NL, US, JP RU, CN In case of Partnership also in other countries.
- /// OPT-OUT all the portfolio.

