

# EMPOWERING SUSTAINABLE ECONOMIES SPACE EXPLORATION & INNOVATING FOR THE NEXT GENERATION

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THALES ALENIA SPACE





**SPACE JOURNEY TOGETHER**





**CONNECTIVITY EVERYWHERE, EVEN IN THE SKY**



**SPACE TO SECURE AND DEFEND**





COPERNICUS PICTURE



# SPACE TO GEOLOCATE





# THALES ALENIA SPACE FACILITY IN CANNES

A large, modern, multi-story office building with a light-colored facade and many windows. The building is situated on a hillside overlooking the sea. In front of the building, there are several palm trees and other greenery. A French flag and a blue flag are flying on poles in front of the building. The sky is blue with some white clouds. The foreground shows the ocean waves crashing against a concrete pier.

## EXPERTISE CENTER FOR:

DESIGN OF TELECOMMUNICATION, OBSERVATION AND SCIENTIFIC SATELLITES

INTEGRATION AND ENVIRONMENTAL TESTING FACILITIES (THERMAL VACUUM, VIBRATION, ACOUSTIC, ELECTRO-MAGNETIC)

SATELLITE OPERATIONS (CONTROL AND ORBIT RAISING)



# TURKMENISTAN 1<sup>ST</sup> SATELLITE



LAUNCHED IN 2015

27 MONTHS MANUFACTURING

INNOVATIVE TECHNOLOGIES ON-BOARD

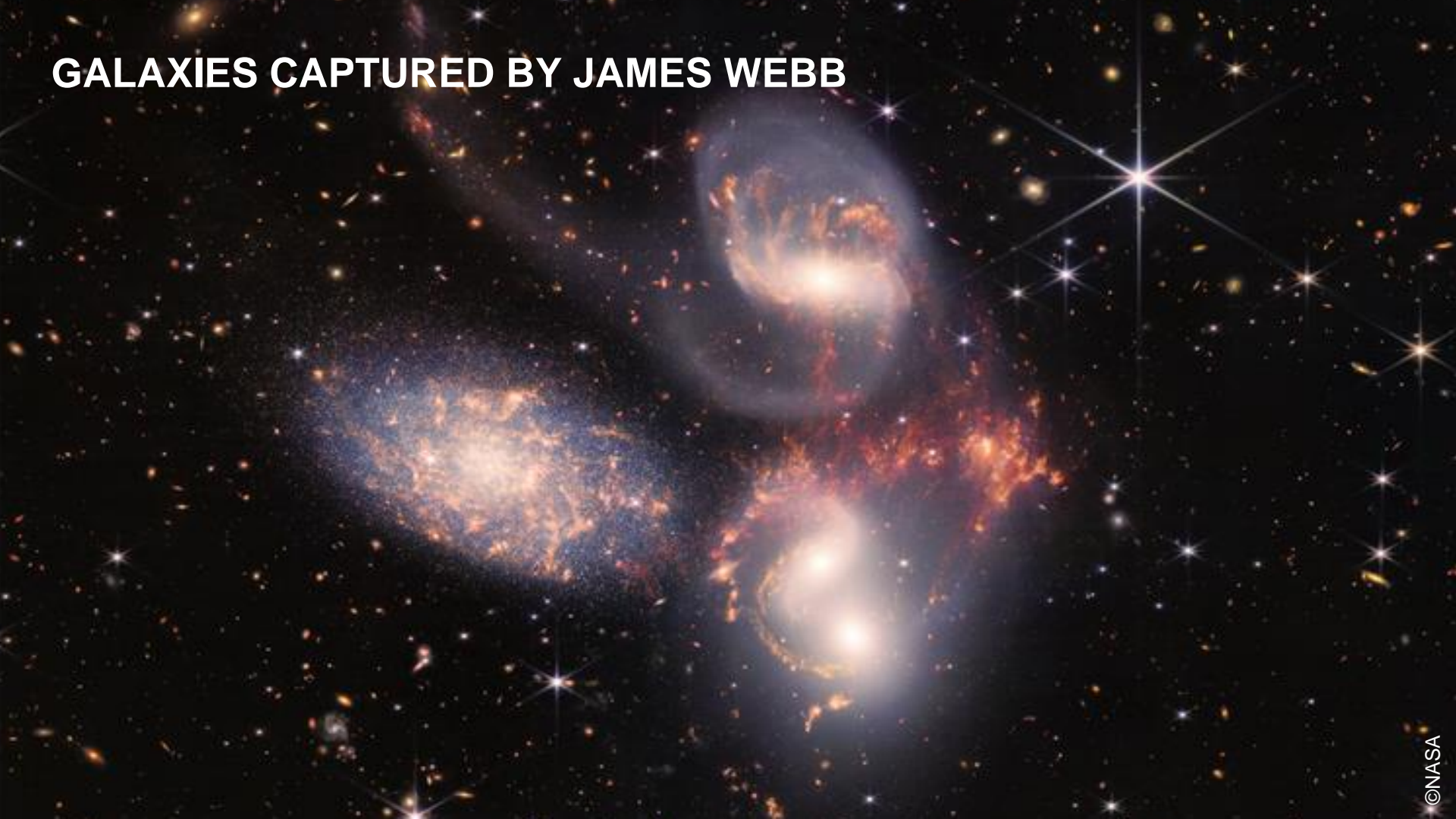
GROUND CONTROL SEGMENT IN  
TURKMENISTAN TO FOSTER LOCAL  
SKILLS



# THE HORSEHEAD NEBULAE CAPTURED BY EUCLID



# GALAXIES CAPTURED BY JAMES WEBB





# FROM EARTH TO DEEP SPACE...

36 000 KM

23 000 KM

8 000 KM

800 KM

700 KM

400 KM

20 KM

# 20 KM - STRATOBUS





400 KM - ISS





# AXIOM STATION





23 000 KM - GALILEO



# 36 000 KM – TURKMENISTAN 2<sup>ND</sup> SATELLITE



**DESIGNED FOR THE NEW  
ERA OF DIGITALIZATION**

**HIGH-SPEED CONNECTIVITY FOR  
DATA**

**SECURED COMMUNICATION**

**RESISTANT TO JAMMERS**

**DIFFERENTIATED LINGUISTIC  
COVERAGE**



**ThalesAlenia**  
*a Thales / Leonardo company* **Space**



# THALES ALENIA SPACE VISION

## SPACE: A KEY ENABLER OF ECONOMIC AND SOCIAL DEVELOPMENT

EACH PROGRAM CAN FOSTER DOMESTIC SKILLS, BY ATTRACTING TALENTS INTO THE SPACE DOMAIN

- CUSTOMIZED TRAINING AND INTERNSHIP
- CREATION OF A LOCAL SPACE ACADEMY TO DEVELOP ADVANCED EDUCATION SOLUTION IN SPACE ENGINEERING
- COOPERATION PROGRAMS WITH UNIVERSITIES OR AGENCIES IN SPACE EXPLORATION

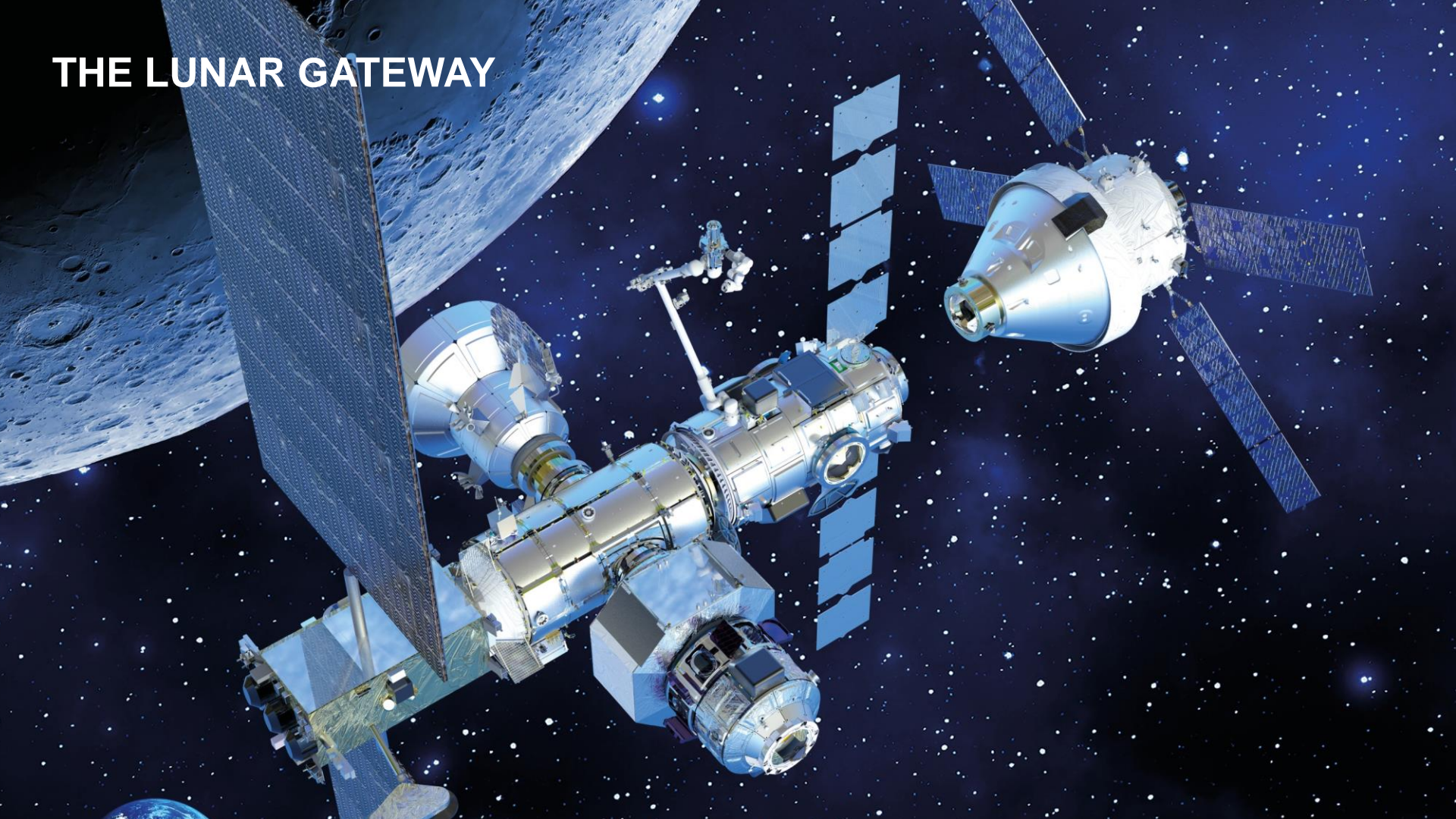


# THE MOON





# THE LUNAR GATEWAY



SWOT





A person is silhouetted against a starry night sky, walking a tightrope. The Milky Way galaxy is visible in the background, and the person's arms are raised in a celebratory gesture. The text "#spaceforlife" is overlaid in white, bold font across the center of the image.

**#spaceforlife**