

SPACE TECHNOLOGY: A SUSTAINABLE DRIVER FOR SOCIOECONOMIC DEVELOPMENT

Eng. Salem Al Qubaisi
UAE SA Director General

Looking to the Stars

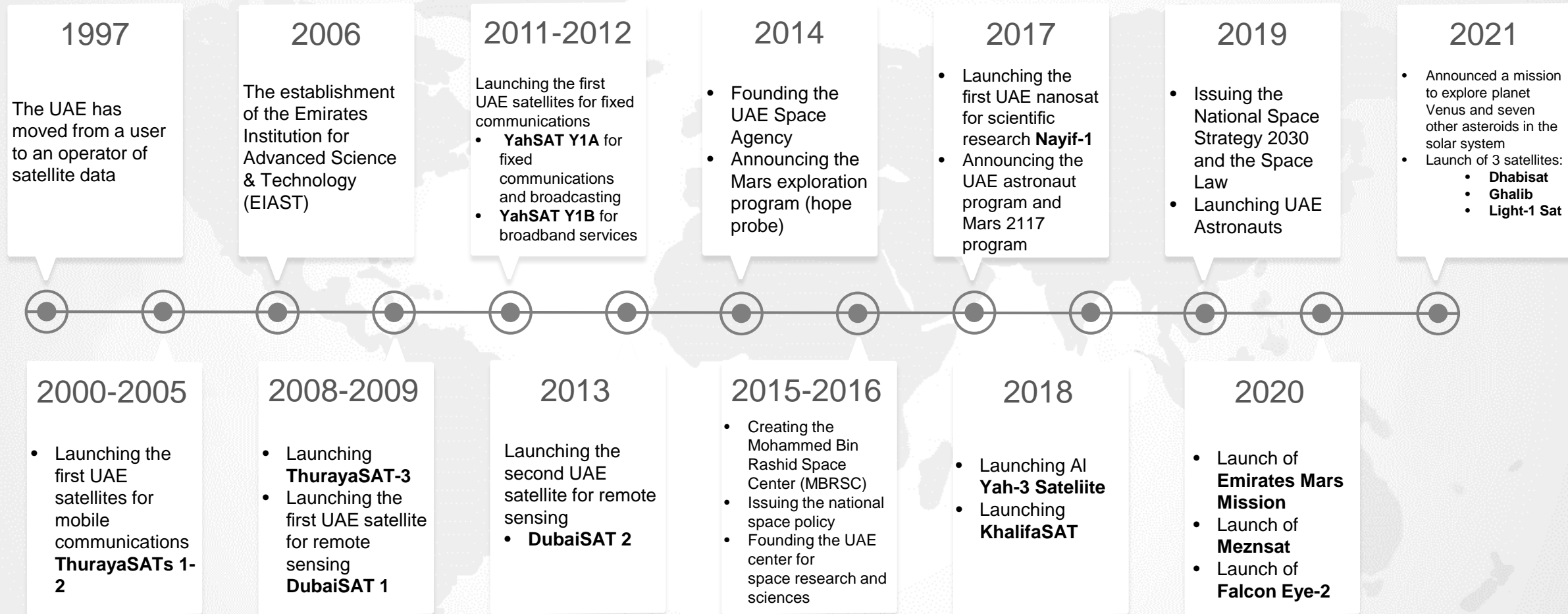
Abu Dhabi, 1976. The UAE was just five years old but Sheikh Zayed was already looking to the stars.

In February that year, the Founding President held a memorable gathering with Apollo 17 astronauts - Gene Cernan, Ronald Evans and Harrison Schmitt - in the capital.

The meeting was brokered by American-Egyptian Nasa scientist, Farouk El Baz, and Sheikh Zayed was presented with a model of the US Space Shuttle, which was then still five years away from its first mission. He was also presented with a tiny portion of Moon rock taken back from the mission.

National Space Journey

The UAE has witnessed many leading achievements and projects regionally and internationally since the year 1997, and it plans to continue and enhance these successes through the next phase...



About UAE Space Agency

Federal Entity, established in 2014

Mandates

Regulatory
framework

Human
Capital
Development

Space
Exploration
Programs

Research &
Development

International
Collaboration



Vision

A regionally pioneering national space sector that supports the UAE's competitiveness and stimulates strategic and vital sectors



Mission

Facing our national challenges and enhancing the UAE's competitiveness through space missions and a supportive and stimulating legislative environment.

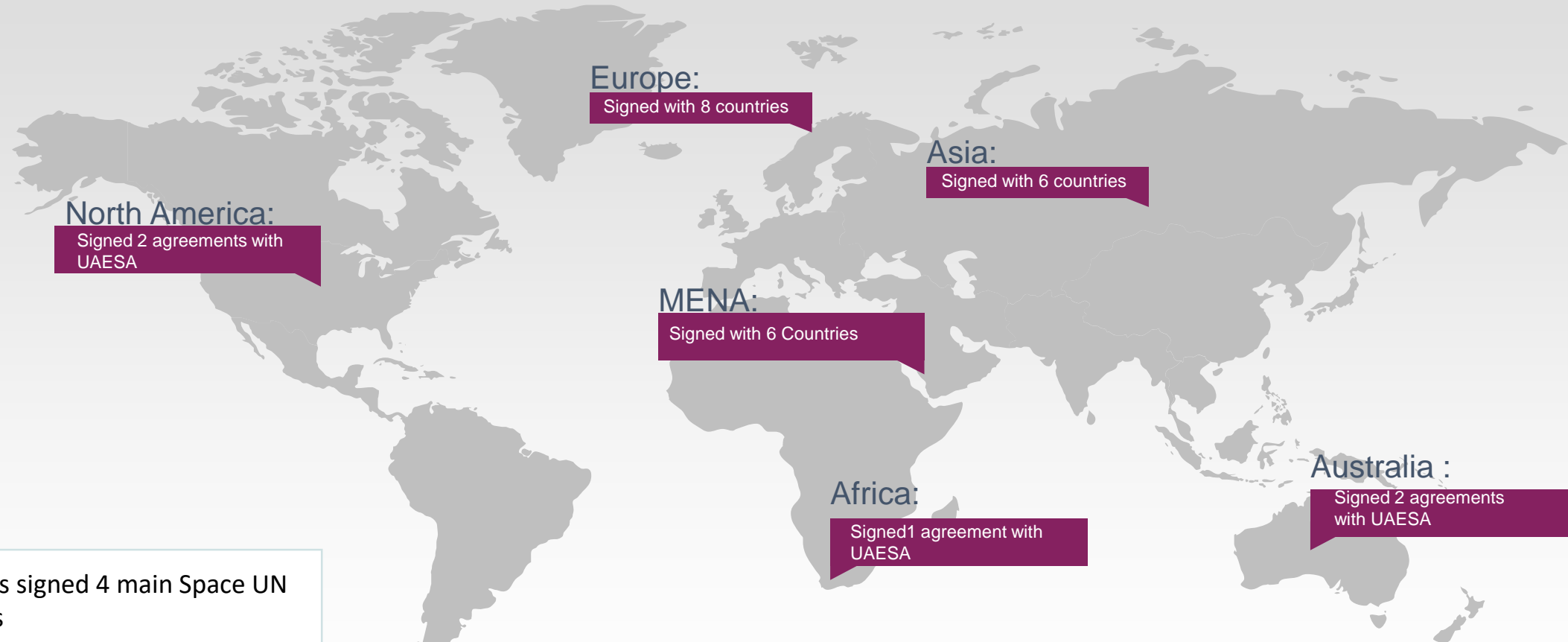


Values

Pride | Leadership | Flexibility |
Empowerment | Sustainability |
Cooperation | Reactiveness

International Partnerships

Space depends on regional and international cooperation



UAE has signed 4 main Space UN treaties

- ☐ Outer Space Treaty
- ☐ Liability Convention
- ☐ Registration Convention
- ☐ Rescue Agreement

Including partnership with international organizations



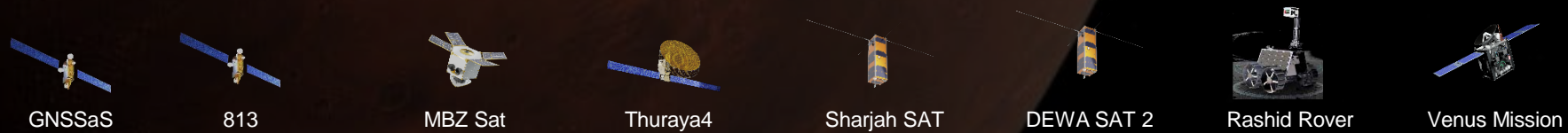
National Space Missions

19
in-orbit



8

Under development



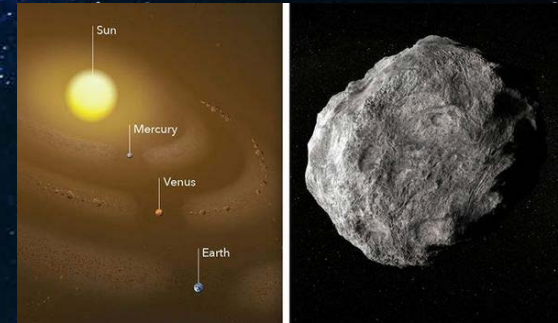
National Space Exploration Programs



Emirates Mars Mission



Emirates Lunar Mission



Emirates Venus and
Asteroid belt Mission

UAE Astronauts Program



UAE Astronauts Program



Hazza Al Mansoori
Batch 1 of Astronaut
Program



Sultan Al Neyadi
Batch 1 of Astronaut
Program



Noora Al Matrooshi
Batch 2 of Astronaut
Program

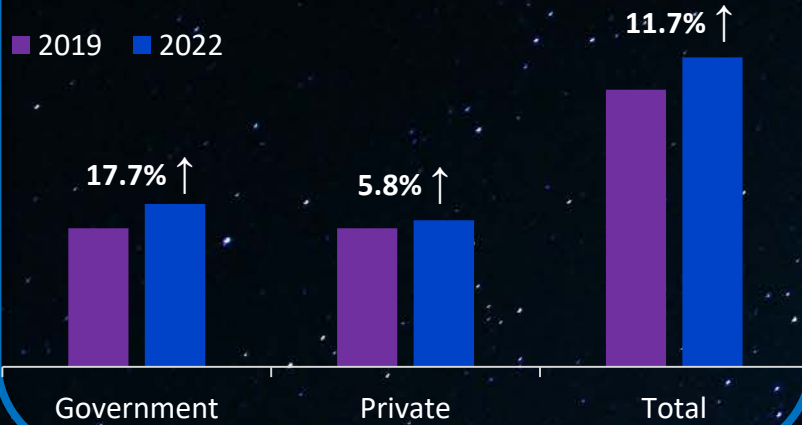


Mohammad Al Mulla
Batch 2 of Astronaut
Program

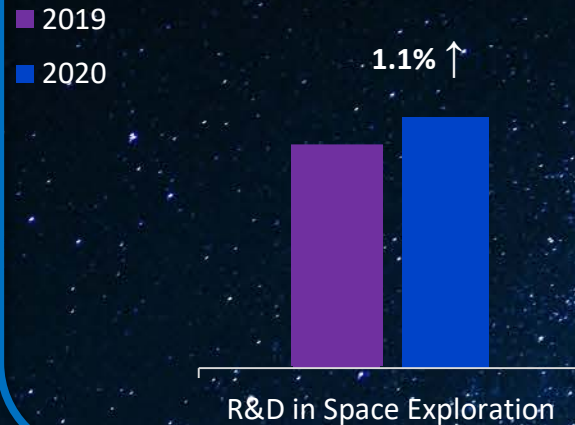
National Space Economy

*In AED Millions

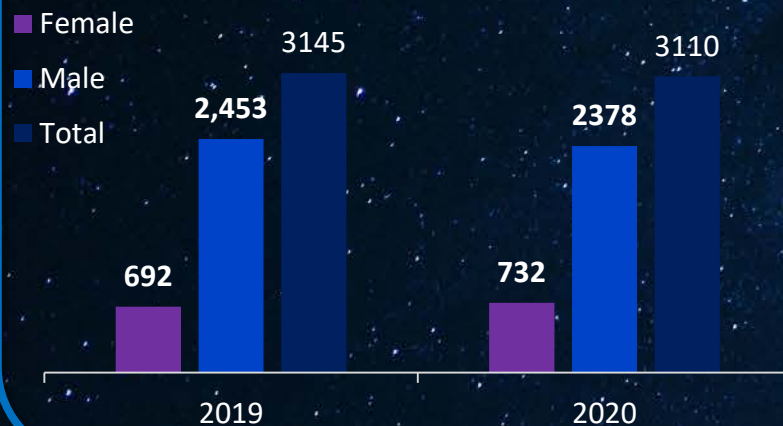
Expenditures on Space Economy



Expenditures on Space Exploration



Professionals of Space Sector



وكالة الإمارات للفضاء
UAE SPACE AGENCY

مركز محمد بن راشد
للفضاء
MOHAMMED BIN RASHID SPACE CENTRE

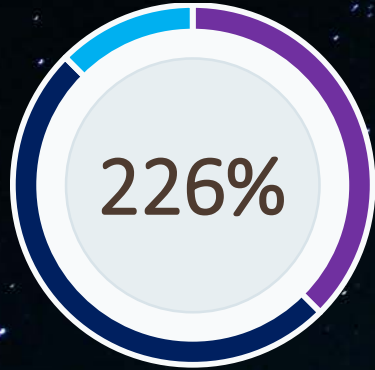
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STARLAB OASIS

FARMIN

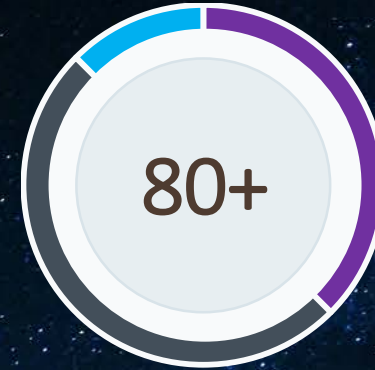
National Space Economy



Increase in the number of Emiratis working in specialized jobs in the space sector between 2017 and 2019



In commercial spending in the UAE space sector over the past 4 years



Space companies, institutions and facilities operating within the UAE, including international companies and start-ups



Estimated number of total **employees** in the UAE space sector



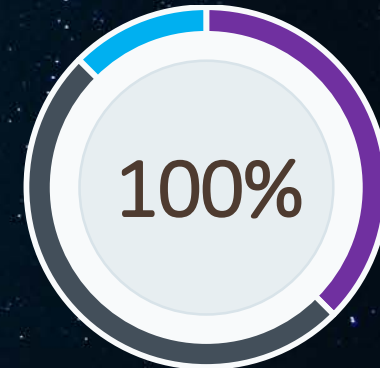
in **Global Entrepreneurship Index** 2022 according to GEM



In the world according to **IMD World Competitiveness Yearbook**



Globally according to **the Doing Business 2020 report**



Full foreign ownership of commercial companies

The Space Economic Zones program

An integrated program to support the establishment of UAE-based companies in the space sector

Initiatives:

Space
Accelerator
group

Space
Government
Services

Space Labs

Work Space

Services:

- Space company establishment license
- Space activity authorization
- Access to financial solutions
- Networking and marketing opportunities
- Accelerators program opportunities

Abu Dhabi
Masdar Space Economic Zone

Dubai
The next Space Economic
Zone in Dubai will be
announced soon



Registration



Strategic Partners



مندوب محمد بن راشد للاقتصاد





THANK YOU