

MEXICO'S SPACE INDUSTRY

Mexican long term strategy

STRENGTHS

Qualified human talent, trial infrastructure, network of laboratories and observatories, specialised research, established industrial capacity, links between industry and academia.

TRENDS

Commercial space flights
Human mission to Mars
Solar satellites
Reusable vehicles
Space technology integration into daily life
Greater need of Systems Engineering and Informatics

ESTIMATED MARKETS SIZE BY 2020

Robotics	Connectivity & flight entertainment	Precision agriculture*
\$70,000 MUSD	\$5,800 MUSD	\$3,700 MUSD

WORLD

MILESTONES & PROJECTS

2026

Global reputation for the development of components, products, and services.

Basis for launchers development in Mexico.

Development of specialised strategies for high-value markets.

Development of the necessary space infrastructure to increase connectivity in Latin America by 25%.

Latin American Satellite Technology Civil Protection Network.

National strategy for integration of communications systems applications.

2035

Mexico is among the top three world leaders in global share market for convergent markets connected to the space industry.

Strategy to design, manufacture, and commission small satellites.

Analysis of strategic space markets and opportunities for the country.

2036

Guarantee access to space.

Coordination plan for orbit and radio spectra management.

Consolidated management satellites plan.

RESEARCH CENTRES

- Nanoscience and Nanotechnology Centre
- Advanced Materials Research Centre, Chihuahua Unit
- Nanoscience and Micro-nanotechnology Centre
- Advanced Materials Research Centre, Durango Unit
- Engineering & Industrial Development Centre, Nuevo Leon Unit
- Advanced Materials Research Centre, Nuevo Leon Unit
- Engineering and Technology Innovation, Research and Development Centre
- Engineering and Industrial Development Centre, Queretaro Unit

STRATEGIC IMPROVEMENTS

- Productive chains integration.
- Provider development.
- Cooperation between Mexican research networks and international space programmes.
- Exploration of new advanced technological markets.
- Satellite solutions for the Internet of Things.

Source:
- Grand View Research <http://www.grandviewresearch.com/industry-analysis/in-flight-entertainment-connectivity-ifec-market> checked on 1st March 2017
- Orbit Plan 2.0, ProMéxico 2017
*By 2018