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Space Economy Opportunities for Emerging Nations: Advancing Socio-Economic Resilience through Space Technologies and Applications

China–Pakistan Space Cooperation

From Strategic Partnership to Developmental Space Economy

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A 60-Year Foundation, Ready for a New Purpose

1961

SUPARCO founded — Pakistan was among the very first developing nations to launch a national space programme.

Six decades of China Pakistan cooperation followed - satellite launches, ground infrastructure, and training.

Strategic Partnership

- State-led cooperation since 1961
- Satellite launches & ground infrastructure
- Framed largely as symbolic space diplomacy



Developmental Space Economy

GUIDED BY SUPARCO'S VISION 2047

- Downstream, citizen-facing applications
- Data embedded in national development planning
- Institutional capacity, local expertise, PPPs

Every Launch, Powered by China

1961

SUPARCO founded

Pakistan's space programme begins

1990

Badr-1

Pakistan's first satellite, launched from Xichang

2011

PakSat-1R

First communications satellite, built with China

2018

PRSS-1 & PakTES-1A

Remote sensing satellites, launched from Jiuquan

2024

PakSat-MM1 & ICUBE-Q

New comms satellite; lunar orbiter rides Chang'e-6

2025

EO-1 & HS-1

First indigenous electro optical satellite; hyperspectral satellite

2026

PRSC-EO2 & EO-3

Complete Pakistan's 3-satellite EO constellation

2026–28

Tiangong & Chang'e-8

First Pakistani astronaut; rover on China's moon mission

Building a Developmental Space Economy

WHAT IT TAKES

- 1 Sustained political commitment
- 2 Stronger institutional capacity
- 3 Local technical expertise
- 4 Public–private partnerships
- 5 Integration into national development planning



China–Pakistan space cooperation is entering its next chapter — from a strategic partnership to an economic partnership.

PakSat-MM1 is now commercially live — and PakSat-2 sits inside Pakistan's national economic plan, Uraan Pakistan.

Thank you.

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