

# Penang Has Launched Its Own Satellite

*Malaysia is the first country in Southeast Asia to design, assemble and launch homegrown LEO satellites*

By **Timothy Prakash** - June 30, 2023



Penang now has its own satellite feed orbiting in space, capable of providing quicker internet connectivity to the island's broadband networks. This is also said to bridge the digital access gap between rural and urban localities.

The countdown to the historic satellite launch was televised live from the launch site in Russia to Dewan Persidangan at Universiti Sains Malaysia (USM).

A capable team of designers, ICT professionals, academicians, and space engineering students will host the PG-1 earth station at USM.

PG-1 can also monitor the state's terrain and, in the future, may issue warnings of natural disasters depending on how severe weather patterns have gotten as a result of climate change. PG-1 was created entirely by Malaysians under the supervision of Angkasa-X.

With the launch of the PG-1 satellite, Angkasa-X will utilise its technological know-how to lead the way in creating constellations of low-earth-orbit (LEO) satellites along the equator as part of its revolutionary satellite-as-a-service (SaaS) offering.

With this initiative, we are moving towards a new era of technological advancement and establishing our position in the global SpaceTech ecosystem because Malaysia is the first country in Southeast Asia to design, assemble and launch homegrown LEO satellites.

**Timothy Prakash**

*<https://www.piston.my>*

Fuelled by cigarettes, coffee and 90's rock music