



## Investment Opportunity

# Space Infrastructure and Services

Australia's Northern Territory is ideally placed to host key infrastructure and services for the global space industry, with competitive advantages in:

- launch services of space vehicles to all orbits
- ground stations
- the launch and recovery of high altitude pseudo satellite (HAPS) vehicles

The Northern Territory's geographic location and climatic conditions provides significant advantages for launch, ground stations and HAPS including:

- southern hemisphere location and proximity to Asia
- proximity to the equator (creating cost efficiencies for launch operators and their customers)
- clear skies for much of the year, with low light pollution and limited noise interference
- ideal wind conditions for stratospheric balloon launch

## DIGITAL

### Investment Type

Greenfield

### Status

Various

### Region

Northern Territory, Australia

### Project Value

Varied

### Presented to market by



**Abundant  
renewable energy  
resources**



**Strategic  
location for  
export markets**



**Existing industry**



**Ample land  
for expansion**



**Enabling  
infrastructure**



*The Territory's clear skies, low light pollution and fibre internet network are driving investment in Territory ground station infrastructure.  
Credit: Geoscience Australia*



Japan Aerospace Exploration Agency

With established logistics and construction industries, the Northern Territory is capable of supporting the development of space infrastructure projects, including in remote locations.

A number of major space organisations have recognised the Northern Territory's competitive advantages, including:

- NASA launching a sounding rocket campaign from the Arnhem Space Centre in June / July 2022, its first from a commercial spaceport outside the US.
- The HAPS Alliance acknowledging that the Northern Territory's conducive weather conditions and close proximity to key markets as strategic advantages for HAPS operators.
- NASA, JAXA and CNES launching scientific high altitude balloon campaigns from the Alice Springs Ballooning Facility since the 1970s.
- Geoscience Australia housing their ground station, that forms part of the Landsat Network, in Alice Springs.
- Viasat constructed two commercial ground stations in Alice Springs to expand its Real-Time Earth Network.
- ArianeGroup installed an optical telescope in Alice Springs to extend its GeoTracker space situation awareness network.
- OneWeb has established its NT gateway site, consisting of 14 antenna, just outside of Darwin.



## Contact

Department of Trade, Business and Asian Relations  
Northern Territory Government  
t. +61 8 8999 6020  
e. [investment@nt.gov.au](mailto:investment@nt.gov.au)  
[AustraliaNorthernTerritory.com.au](http://AustraliaNorthernTerritory.com.au)

## More information

Space in the NT

