NewSpace Satellite Manufacturing (

Space Situational Awareness

Active Debris Removal

Broadband Constellations

Satellite Life Extension

Small Re-Entry Vehicles (

Rovers & Hoppers

Propellant Reloading

Helium-3

In-Space Manufacturing

Space Tourism (Orbital)

Robotic Space Stations Heavy-Lift Launchers

Asteroid Mining & Prospecting

Space-Based Solar Power

Orbital Data Centres Projectile Launch Single-Stage-To-Orbit (

Lunar Habitats

In-Space Construction (In-Space Recycling (

Lunar Surface Power

Al/Edge Computing (

MicroGEO Satellites

Direct-to-Device Constellations

Commercial Space Stations

GNSS Commercial Constellations (

Expectations

Laser Communications

Orbital Data Relays

Payload Hosting

Commercial Lunar Landers

Orbital Transfer Vehicles (Space Tugs)

Microgravity End-to-End Services

Infrared Earth Observation

Propulsion Systems

RF Remote Sensing Constellations

Hyperspectral Earth Observation

SAR (Radar) Earth Observation

IoT Dedicated Constellations

less than 2 years

2 to 5 years

 \bigcirc 5 to 10 years

10 to 15 years

15 to 20 years

more than 20 years

🔵 obsolete before plateau

Satellite TV GEO Telecom

GNSS Public Constellations

Satellite Components

Satellite Manufacturing

Optical Earth Observation Data Analytics

Small Launchers CubeSats

Ground Station Networks

Asteroid Mining (Wave 1, 2012-2018)

Through of

Slope of Enlightenment

Plateau of Productivity

Space Elevator (Innovation Trigger

Peak of Inflated **Expectations**

Disillusionment

NewSpace Index

2024-05-14, Erik Kulu, www.newspace.im Based on Gartner Hype Cycle methodology and inspired by Aravind's space hype charts.