

Japan's Space Activities

18 March, 2015

- The Law concerning Japan Aerospace Exploration Agency Law (13 December 2002)

- Basic Space Law (28 May 2008)

Art.24

(1) The Strategic Headquarters for Space Development shall formulate a basic plan with regard to Space Development and Use (hereinafter referred to as the “Basic Space Plan”) in order to promote measures with regard to Space Development and Use comprehensively and systematically.

● Strategic Headquarters for Space Policy (September 12, 2014)



Prime Minister Abe provided direction to formulate
the New “Basic Plan for Space Policy”

● Strategic Headquarters for Space Policy (January 9, 2015)

The New “Basic Plan for Space Policy” was determined.

- Establish long-term and concrete public investment plan for next 10 years foreseeing coming 20 years.



Concrete approach

Promoting use of space in civil area

- Geostationary meteorological satellites HIMAWARI
- GOSAT, environmental observation satellites
- QZSS, IGS
- Advanced optical & radar satellites
- Automation, unmanned and labor saving operations through GNSS and geospatial information
- Creation of new industries using satellite remote sensing data as big data etc.

Maintaining and strengthening industrial and Science & Technology basis

- **Core Rocket(H- II A/B、New-type core rocket and Epsilon)**
- The GOJ steadily takes steps according to the schedule
- Foster public-private efforts to achieve the cumulative market size of 5 trillion yen during 2015-2024 FY.
- Build organic cycles among science & technology, security and industrial promotion through R&D activities by JAXA, public and private institutions based on utilization needs on outer space.

Space Transportation Systems

● New-type core rocket system

- Aim to launch 1st rocket in FY2020
(Organization in charge : MEXT)

● Epsilon rocket

- Complete improvements to launch capabilities and expansion of satellite envelope area by around the end of FY2015.
- Begin survey for next steps in FY2015.
(Organization in charge : CAS, MEXT, MOD, etc.)

● Launch sites and facilities

- Begin deliberations on Launch sites and facilities from the view point of resiliency in FY2015.
(Organization in charge : CAS, CAO, MEXT, MOD, etc.)



H-IIA

H-IIB



Epsilon



● Initiatives aimed at expanding future space utilization

- R&D on reusable space transportation systems.

(Organization in charge : MEXT)

- R&D on LNG propulsion systems(including operational testing),

(Organization in charge : MEXT)

● Comprehensive initiatives aimed at encouraging new entrants to the field and expanding space utilization

- Bill on space operations and Bill on satellite remote sensing

→ aim to propose the bills to the Diet in early 2016

(Organization in charge : CAO, MOFA, MEXT, METI)