



EUROPEAN BUSINESS COUNCIL IN JAPAN  
THE EUROPEAN (EU) CHAMBER OF COMMERCE IN JAPAN

# SPACE

ISSUES AND RECOMMENDATIONS



# **GENERAL ENVIRONMENT**



# General Environment

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## YEARLY STATUS REPORT: Protectionist Risk

- The new approval system for satellite projects and the handling of future PPP projects still hold risks of protectionism.
- The EBC advocates increasing, not reducing, trade and cooperation.
- More openness to European industry would benefit Japan.
- In addition, Europe provides many technologies free from “black-box” technology concealment policies.

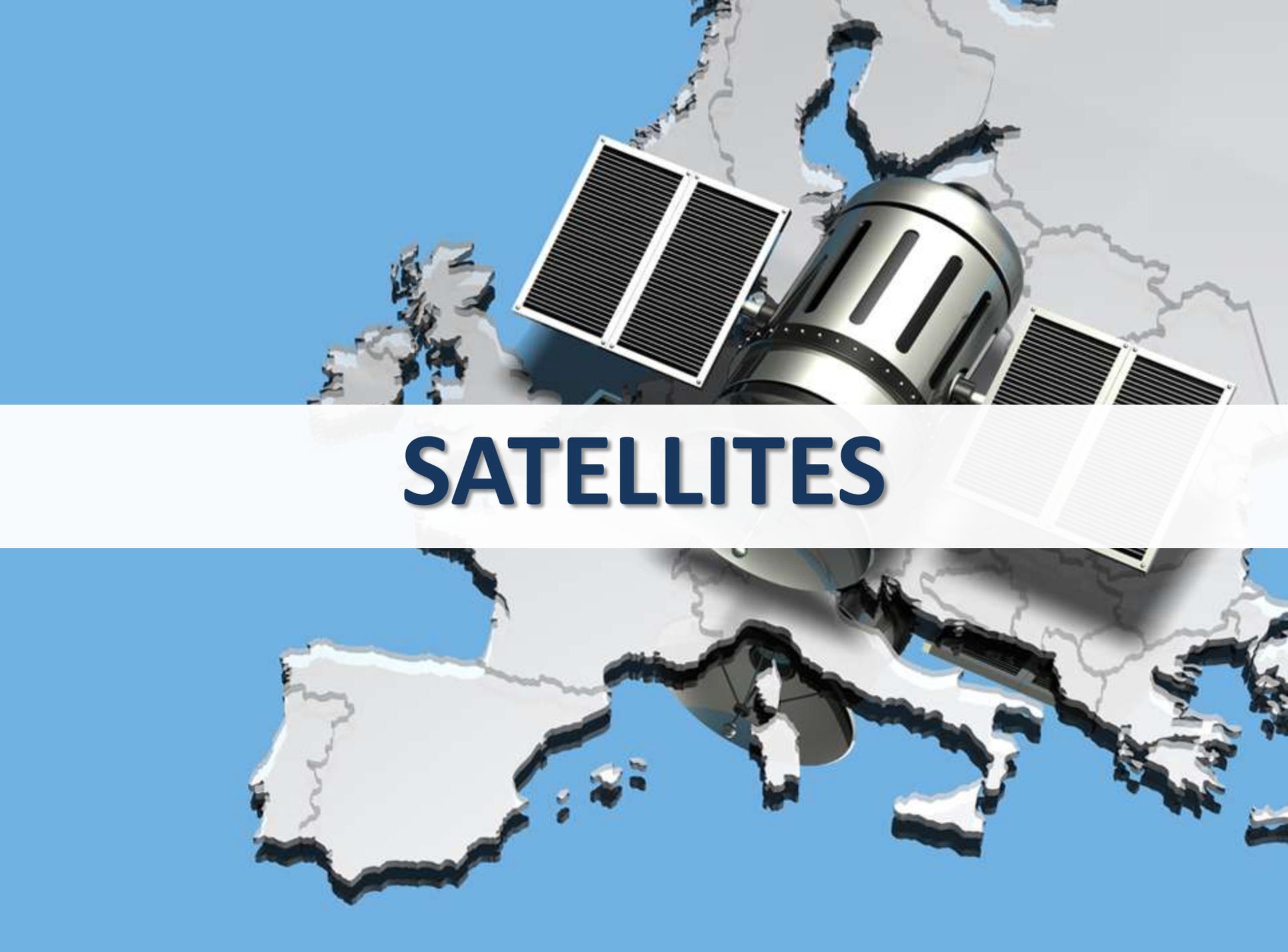


# General Environment

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## RECOMMENDATIONS

- ❑ Satellite projects with both government and commercial aspects should not be declared “governmental” for the purpose of excluding the participation of foreign industry.
- ❑ The EBC urges more Japanese cooperation with European space agencies. Space agencies on both sides should compare their projects at an early stage and take greater advantage of cooperation opportunities.
- ❑ Japan should also encourage more cooperation between the Japanese and European space industries on satellite platforms and ground systems.
- ❑ The EBC recommends Europe-Japan coordination and cooperation in space-related ODA worldwide.

A satellite with two solar panels is positioned in the center of the image. The background features a stylized, light-colored map of Europe against a blue sky. The satellite is a cylindrical metallic structure with vertical slats, and the solar panels are rectangular with a grid of cells. The word "SATELLITES" is written in a bold, blue, sans-serif font across the middle of the image, overlaid on a white horizontal band.

# SATELLITES

# Satellites

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## YEARLY STATUS REPORT: No Progress

- Japan mostly ignores Europe's satellite technology.
- The space agencies of both sides cooperate and share data in science and research, but have almost no industrially meaningful cooperation.



# Satellites

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## RECOMMENDATIONS

- ❑ The EBC advocates closer space agency cooperation in satellite technology development and applications, with pro-active promotion and execution of industrially and commercially meaningful cooperation projects.
- ❑ The Government of Japan should increase cooperation with Europe through the procurement of high-quality satellite systems or equipment in fields related to national security. This includes the joint development of high-quality sensors or their production by Japanese industry under licensing arrangements.
- ❑ Government procurement methods, terms and conditions should not put European makers at a disadvantage.



A rocket is shown ascending diagonally from the bottom left towards the top right. The rocket's engine is glowing with a bright orange and yellow flame. A thick, white, textured trail of smoke or vapor follows the rocket's path. The background is a solid, dark blue color. A white horizontal band is positioned across the middle of the image, containing the word "LAUNCHERS" in a bold, dark blue, sans-serif font.

# LAUNCHERS

# Launchers

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## YEARLY STATUS REPORT: No Progress

- ❑ Although Europe and Japan are developing their respective next generation launchers almost simultaneously, there is no industrially significant cooperation in that area.
- ❑ A plan for a balanced mutual backup agreement to reduce delays in launching government satellites was evaluated positively by Japan's space authorities in 2002, but no agreement is in sight due to lack of political leadership.



# Launchers

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## RECOMMENDATIONS

- ❑ Government satellite programmes increasingly require timely launches. The EBC urges Japan and Europe to bring about an effective, formal back-up cooperation between Japanese and European satellite launchers.
- ❑ Europe and Japan should also consider cooperating on the development of non-critical components for their respective new generation launchers. The creation of ArianeGroup and a new launcher development organisation in Europe make it easier to realise industry-led cooperation on development.





# GROUND EQUIPMENT



# Ground Equipment

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## YEARLY STATUS REPORT: No Progress

- ❑ As Japan's international procurement activities in this area generally exclude entire systems and remain limited to subsystems and components, European suppliers are placed at a disadvantage.

## RECOMMENDATION

- ❑ Japan's international procurement of ground equipment should include whole systems. The procurement process for standard ground processing products should not place European suppliers at a disadvantage.