

Picture from
Mitsubishi Electric

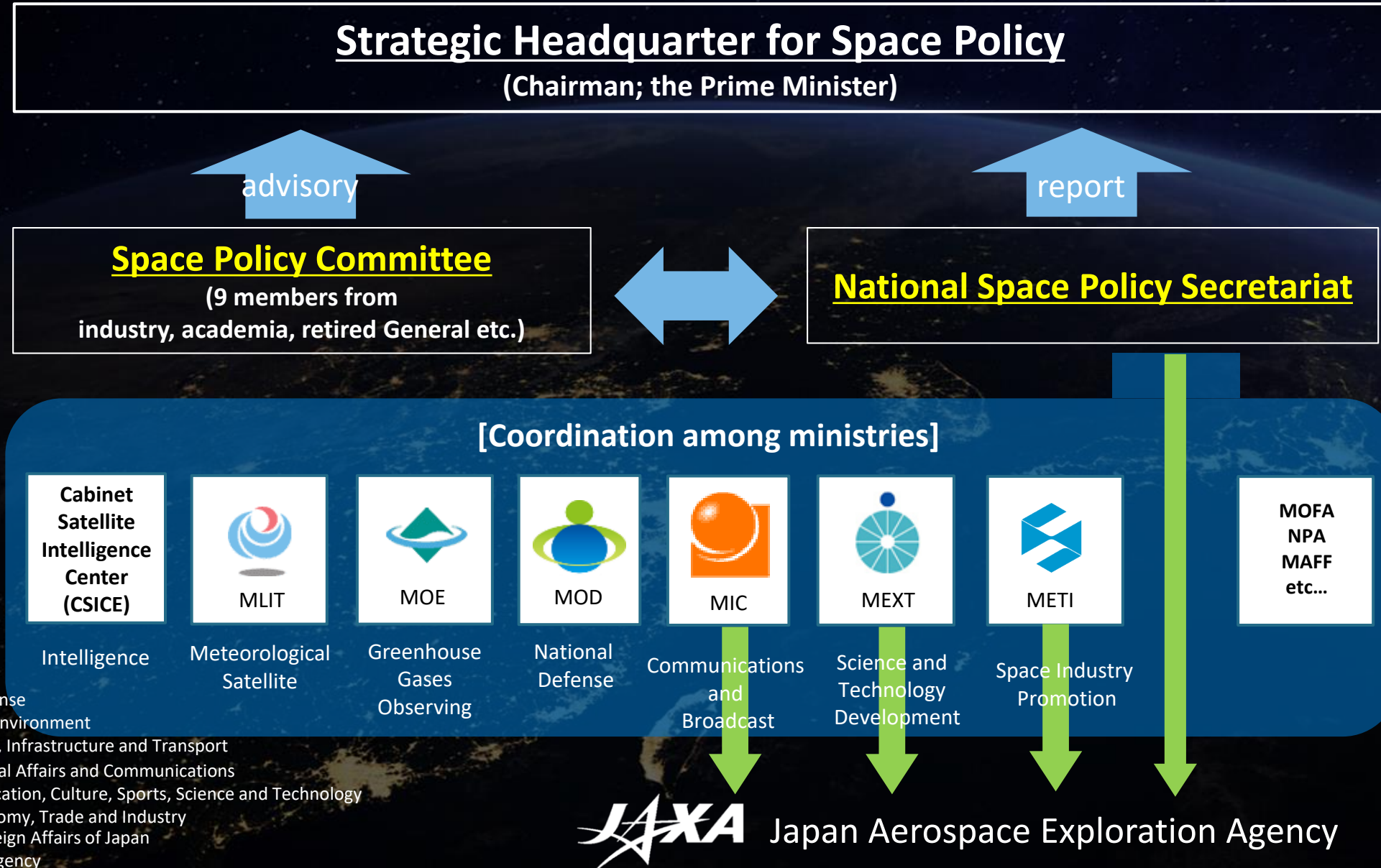
Japan's National Security Challenges and Space

June 20th, 2022

NATIONAL SPACE POLICY SECRETARIAT, CABINET OFFICE

1. National Space Policy Secretariat Overview

About NSPS



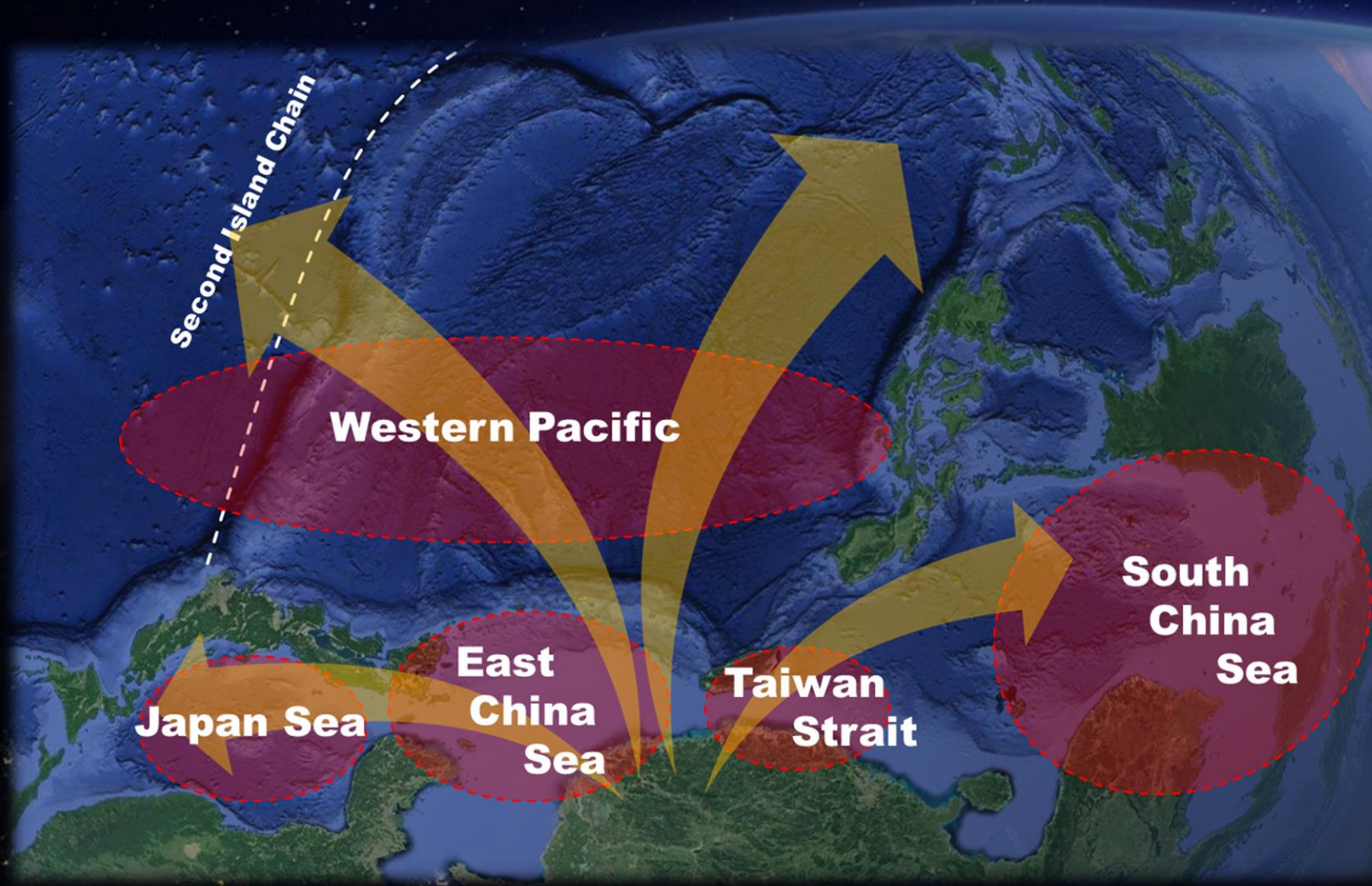
MOD: Ministry of Defense
MOE: Ministry of the Environment
MLIT: Ministry of Land, Infrastructure and Transport
MIC: Ministry of Internal Affairs and Communications
MEXT: Ministry of Education, Culture, Sports, Science and Technology
METI: Ministry of Economy, Trade and Industry
MOFA: Ministry of Foreign Affairs of Japan
NPA: National Police Agency
MAFF: Ministry of Agriculture, Forestry and Fisheries of Japan



2. National Security Challenges

Regional Military Ambitions

China's maritime expansion is one of the major security concern



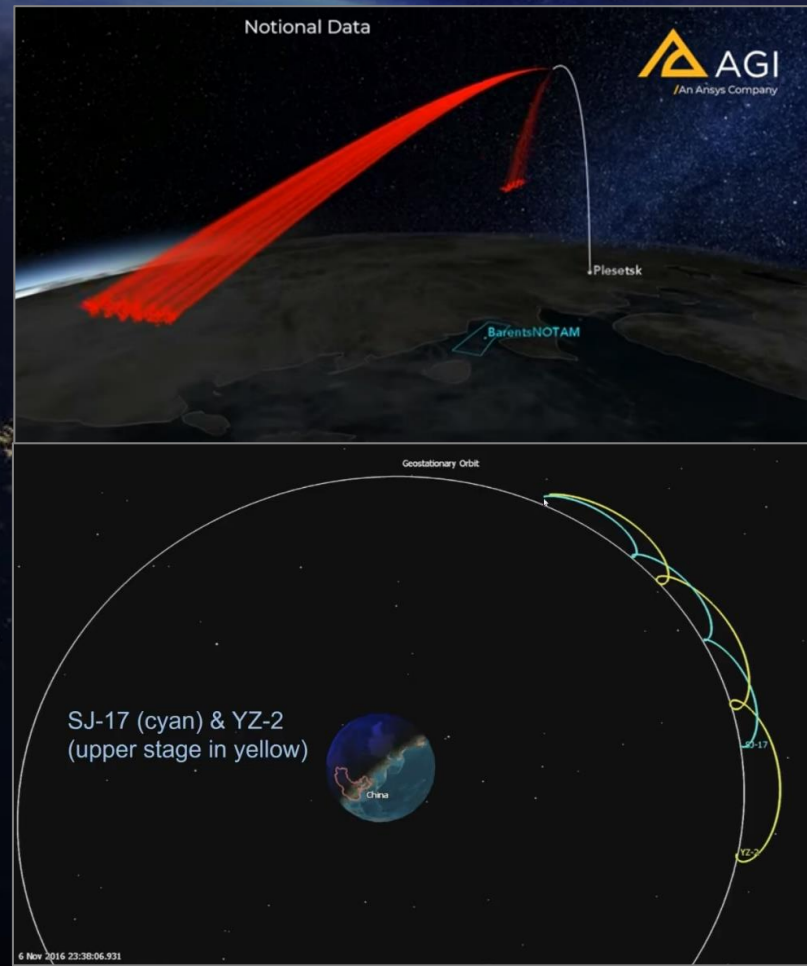
Growing Advanced Threats

Japan is facing multi-domain threats imposed by neighboring countries

Threat on Earth



Threat in Space



3. Future Trajectories of Japan's Security Space Efforts

Security from Space

Overcoming terrestrial security challenges from SPACE

1 *To Improve Promptness of the use of Satellite Data*
Satellite Constellation, Laser Communication, Data Analytics

2 *To Expand the use of Private Satellite Services*
Rejuvenating Startups, Remote-sensing and Communication Satellite Services

3 *To Enhance Resiliency of Space System*
Cyber and Information Security, International cooperation

Security in Space

Overcoming space security challenges in SPACE

1 *From SSA to Space Domain Awareness*
Understanding Capabilities and Intent of Potential Threats

2 *To Advance Inter-Agency Effort*
Integrating capabilities and resources of JMOD and JAXA

3 *To Strengthen International Cooperation*
Bilateral and multi-lateral Cooperation



Any Questions?