

Specified Semiconductor Funding Program

NEDO dept. in charge: Semiconductor and Information Infrastructure Department
METI dept. in charge: Commerce and Information Policy Bureau IT Industry Division

Project Overview

1) Project Objectives

- While the use of semiconductors is expanding in various fields, including automobiles and medical equipment, due to the advancement of digitalization, geopolitical factors are increasing the risk of impacts on global supply chains. Securing a stable supply of advanced semiconductors, which affect all industries and are essential for 5G systems, has become a top priority to strengthen Japan's industrial base and enhance its strategic autonomy and indispensability.
- Through this project, NEDO will promote the establishment of domestic production bases for advanced semiconductors and support their continued operation, thereby contributing to the stable supply of advanced semiconductors in Japan.

2) Project Details

- In accordance with the provisions of Article 29, Item 1 of the Act on Promotion of Developing/Supplying and Introducing Systems Making Use of Specified Advanced Information Communication Technologies (the 5G Promotion Act), NEDO will carry out operations to grant subsidies to certified specified semiconductor production facility development enterprises. These subsidies will be allocated to the funds necessary for enterprises to develop specified semiconductor production facilities, limited to matters related to such development, in accordance with certified plans for the development of such facilities approved by the Minister of Economy, Trade and Industry. NEDO will also carry out incidental operations under Article 29, Item 3 of the 5G Promotion Act, limited to operations incidental to those under Item 1 of the same article.

3) Project Structure

Project period: FY2022 to FY2030
Budget amount: 2.1706 trillion yen (total budget)
Support type: Subsidies of up to ½
Legal basis under the NEDO Act: Article 15, Item 14

Connections to Policies and Other Projects

- Basic Policy on Economic and Fiscal Management and Reform 2021: Four Driving Forces that Open the Way to the Future of Japan — Green, Digital, Creation of Vibrant Local Regions, Measures against Declining Birthrate — (Cabinet decision on June 18, 2021)
- Action Plan of the Growth Strategy (Cabinet decision on June 18, 2021)
- Economic Measures for Overcoming COVID-19 and Opening Up a New Era (Cabinet decision on November 19, 2021), etc.
- EBPM Action Plan 2024 (December 26, 2024)
- EBPM Action Plan; Economic and Fiscal Plan for New Stage: Progress Management, Inspection and Evaluation Table 2025 (May 26, 2025)

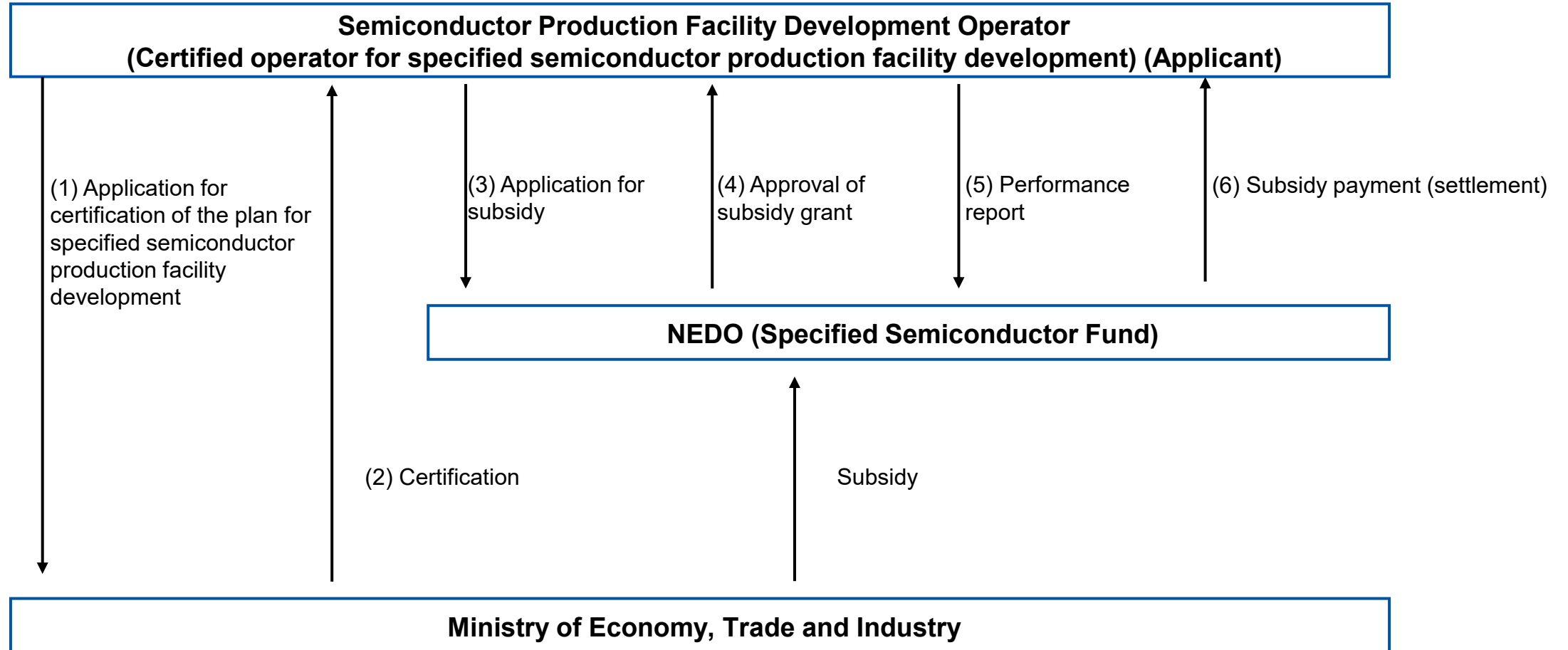
Targets

1) Output Targets

- Secure a stable supply of advanced semiconductors through support for initiatives based on certified plans for the development of specified semiconductor production facilities certified under the 5G Promotion Act

2) Outcome Targets

- Achieve total sales of more than 15 trillion yen in 2030 by companies producing semiconductors in Japan, in semiconductor-related sales



Schedule

	2022	2023	2024	2025	2026	2027	2028	2029
TSMC, JASM (Ref.No.2022-001-1)								
KIOXIA, FAL, FFL, FPL*(Ref.No.2022-002-2)								
Micron Memory Japan, Micron Technology (Ref.No.2022-003-1)								
Micron Memory Japan, Micron Technology (Ref.No.2023-001-1)								
KIOXIA, KIOXIA Iwate, FAL, FFL, FPL (Ref.No.2023-002-1)								
TSMC, JASM (Ref.No.2023-003-1)								
Micron Memory Japan, Micron Technology (Ref.No.2025-001-1)								
Actual Expenditure (JPY 100 million)	607	2,885	2,590	2,229	—	—	—	—
Budget (JPY 100 million)	607	2,885	2,590	2,229	5,787	3,199	2,409	1,937

*Flash Alliance Co., Ltd.: FAL; Flash Forward LLC: FFL; Flash Partners Co., Ltd.: FPL