

Enhancing Supply Chain Resilience

- **Financial support** to secure **stable supply of critical goods/materials**
- **Criteria for critical goods/materials:**
 - (a) **significance of goods** (essential for life / necessities for commerce)
 - (b) **dependence** on foreign sources (or its possibility)
 - (c) **likelihood of disruptions** of supply by foreign action
 - (d) **necessity** of assistance
- **12 critical goods/materials identified. 125 plans approved.** (As of 30th Apr. 2025)
- **Means of assistance:**
 - (a) financial assistance for **production capacity expansion, R&D, and/or stockpiling plans**
 - (b) preferential loans
- **Funds established (total: USD 16 Bn)** (USD 1 = JPY140)

Critical goods/materials [# of approved plans] (Fund budget in USD (USD1=JPY140))

Antibiotics [2] (USD 0.4 Bn)

Beta-lactam Antibiotics

- production capacity expansion of raw materials & API
- stockpiling

Fund managed by **National Institutes of Biomedical Innovation, Health and Nutrition**

Fertilizers [12] (USD 0.1 Bn)

Ammonium Phosphate, Potassium Chloride

- stockpiling

Fund managed by **Fertilizer Economic Research Institute**

Marine Equipment [11] (0.1Bn)

2-Stroke/4-Stroke Engines, Crankshafts, Sonars, Propellers

- Production capacity expansion

Fund managed by **Japan Ship Technology Research Association**

Semiconductors [23] (USD 5.8 Bn)

Legacy Semiconductors, Manufacturing Equipment, Parts and Materials, Raw Materials

- production capacity expansion
- Enhancing supply of raw materials

Advanced Electronic Parts [3] (USD 0.2 Bn)

MLCC, Film Capacitor, SAW/BAW filter, (its manufacturing Equipment, parts and materials thereof)

- production capacity expansion, R&D

Aircraft Parts [16] (USD 0.5 Bn)

Large Forging (incl. materials), Titanium sponge, Carbon Fiber

- production capacity expansion
- Casting (incl. materials), CMC**
- production capacity expansion, R&D

Batteries [31] (USD 5.9 Bn)

Batteries, Parts and Materials

- production capacity expansion, R&D

Machine Tools and Industrial Robots [5] (USD 0.4 Bn)

CNC, Servomechanism, CNC systems, Reduction Gear, PLC, Ball Screw, Linear Guide, Linear Scale, Mineral casting

- production capacity expansion, R&D

Computer Programs for Cloud Service [11] (USD 1.0 Bn)

Programs for Fundamental Cloud Service, Advanced Electronic Computer

- R&D
- development of programming environment

Permanent Magnets [5] (USD 0.2 Bn)

Neodymium Magnets, Samarium Cobalt Magnets, Low Rare Earth Magnets

- production capacity expansion, R&D

Critical Minerals [5] (USD 0.8 Bn)

Manganese, Nickel, Cobalt, Lithium, Graphite, Rare Earth, Gallium, Germanium, Uranium

- enhancing capacity for searching, mining, and processing
- R&D

Natural Gas [1] (USD 0.4 Bn)

LNG

- Securing buffer LNG

For blue-colored items, fund is managed by **New Energy and Industrial Technology Development Organization (NEDO)**

For purple-colored items, fund is managed by **Japan Organization for Metals and Energy Security (JOGMEC)**