

Towards Maximizing Results from R&D Projects

**Economic and Industrial Policy Bureau
Industrial Science and Technology Policy
and Environment Bureau**

New Direction: Maximizing Results from National R&D Investment

- METI has supported R&D projects by companies and other institutions through NEDO's operational expenses and large-scale funds, with an annual budget of ¥160 billion. However, results were insufficient in some projects, while other projects did not lead to social implementations or businesses.

※Although the target achievement rate of R&D projects is about 90% when finishing the project, the commercialization rate measured 5 years after the project is about 30%.

- It is important to enhance the quality and quantity of R&D projects to induce ambitious actions of companies, by introducing the system of giving rewards etc. to not processes but generated values as a mission-oriented R&D support policy, and encourage participation by various entities.

Issues

Due to lack of connections between R&D results and rewards, we fail to encourage serious actions towards commercialization.

Due to low metabolism of R&D projects, we fail to induce competition between companies or technologies.

Because project participants are mainly large companies, early social implementation is not being achieved.

Future Direction

We will improve commitment of participants by fully introducing supportive policy tools based on awards.

We will revitalize competition by thoroughly introducing stage-gate processes.

We will expand the quota for startup participants and accelerate social implementation of discontinuous technology.