

Summary of the PRISM System Reform Model

Summary

The “System Reform Model,” separately from the “R&D Model,” was adopted in March 2019 to expand public/private R&D investment in the medium- to long-term. In this system, Allocation of funds to projects deemed appropriate for PRISM by CSTI. The projects should include the subjects to be addressed through the Integrated Innovation Strategy,* etc.

The system itself is the same as the R&D model. The Cabinet Office additionally allocates necessary expenses to related government agencies regarding the measures deemed appropriate among others which related government agencies implement.

Status of implementation

Project name	Project summary	Initiated in
Project for Enhancing the Environment to Create Innovation in National Universities	Promote to acquire private funds in national universities	2019
Project for Promoting Creation of Startup Ecosystems	Promote to provide startup environment by creating the startup ecosystem hubs and support startups	2020
Project for Accelerating new SBIR (Small Business Innovation Research)	Accelerate collaboration among the ministries in the new SBIR program based on the Law on Stimulating Creation of the Science, Technology and Innovation	2021
Support Project for Accelerating Standard Utilization	Support acceleration of standard utilization schemes to promote solving social issues and capturing the global market, etc.	2021

Abstracts from the descriptions related to the Integrated Innovation Strategy

○ Integrated Innovation Strategy (The Cabinet decision, June 15, 2018)

(1) Creation of Innovation Ecosystems with University Reforms and such

< Introduction of the system for acquisition of private funds, etc.>

- To national universities centering on research universities, according to securing private funds and such, studying within 2018 about incentive schemes distribution of the operating grants through evaluation, introduce experimentally in no time. (promoting dramatically acquirement of private funds, strengthening the management bases, according to universities characteristics inviting private funds, and decreasing dependence on the management expenses grants)

○ Integrated Innovation Strategy 2020 (the Cabinet decision, July 17, 2020)

(2) Creation of Innovation that Overcome Domestic and Overseas Issues and Leads to Growth

(b) Startups

It is important to revitalize the startup environment so that the venture companies which have the role of creating value from the “knowledge” generated from research and development and implementing it in society as businesses can thrive.

In order to further accelerate the creation and growth of startups, the public and private sectors will provide concentrated support for the startup ecosystem startup cities selected in July 2020, including the acceleration of startup creation in universities and the strengthening of accelerator functions, gap funding a review of the Japan etc., and we will carry out a review of the Japanese version of the SBIR and aim to improve its effectiveness, in order to form ecosystems that compete with the world’s best and encourage social implementation of research and development results through startups. Moreover, in order to win in the global competition, we will strengthen the cross-sectoral collaboration of the initiatives in the relevant officers, ministries, and agencies and government-affiliated institutions, “create” and “develop” outstanding startups, and accelerate initiatives that “connect” from the region to the world. Through the integrated promotion of these initiatives, we will form startup ecosystems that generate a series of startups from Japan that thrive globally.

○ Integrated Innovation Strategy 2021 (the Cabinet decision, June 18, 2021)

(6) Promoting R&D and social implementation to resolve various social issues and utilizing convergence of knowledge.

4. Promoting the solution of social issues and acquisition of international markets through the international and strategic use of intellectual property and standards

In order to grasp the trends in the use of intellectual property and standards in foreign countries and to promote the strategic and international use of standards in Japan, the government as a whole will develop a control tower function and system, and strengthen and accelerate measures for the use of standards, including international standardization.

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Implementation structure

As screening perspectives of the PRISM system reform model are different from those of the R&D model, the “Screening/Evaluation Committee” is established under the governing board besides the “PRISM Screening Committee.”

The Screening/Evaluation Committee supervises several subcommittees by project, relegating operations related to screening/evaluation to each subcommittee.

as of April, 2021

