Press Conference

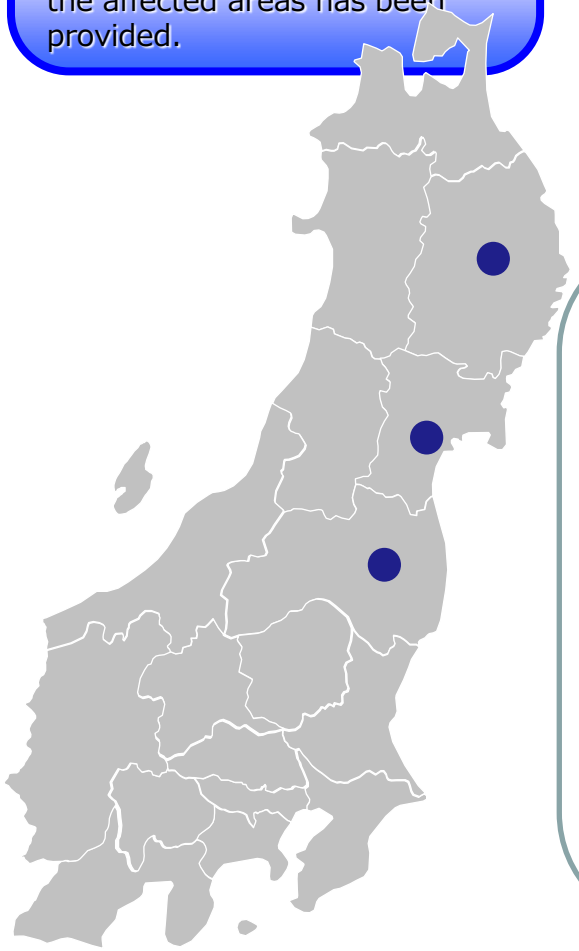
President of JST

March 11, 2015

Japan Science and Technology Agency

JST Center for Revitalization Promotion's Approach

JST Center for Revitalization Promotion program was launched on April 1, 2012. Three offices were opened in the cities of Morioka, Sendai, and Koriyama. Detailed assistance for the industries in the affected areas has been provided.



- **Allocating matching planners – discerning coordinators - to each office (a total of 18 personnel)**
- **Providing detailed assistance for a wide range of regional smaller business enterprises, including those who have advanced technology or pursue development of measurement technology and involved in food/fish processing or agriculture**
- **Having provided support for 288 R&D so far by linking business enterprises in the affected areas to research institutes including universities**
- **Having Received high appreciation for matching planners' activities from business enterprises, industries, and local governments in the areas**
- **More than 30 products have been commercialized or will soon be done; the number of employment created for business enterprises in the areas: 272 (102 business enterprises)**

Achievements Derived from R&D

"Development of the process of creating brand-name goods with Slurry-ice from fresh fish and shellfish which are caught in the Sanriku coastal region." (Kamaishi Hikari Foods Co., Ltd.)

◇ Making possible the delivery of Sanriku seafood to the market as fresh without freezing

"Small electrocardiograph for monitoring waveform with smartphones" (Real Design Corporation, ImageONE Co., Ltd.)

◇ Monitoring electrocardiograph waves in real time and thus improving the quality of home medical care for elderly people

"High-efficient charge/discharge test equipment for lithium-ion battery" (Ryowa Electronics Co., Ltd.)

◇Developed power converter has reduced power loss to 50%

Outline of Budget for Fiscal Year 2015

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- ○ **Prioritizing budget allocation in effective programs based on the Japan Revitalization Strategy 2014 and Comprehensive Strategy on Science, Technology and Innovation 2014**
- ○ **Enhancing its function as a National R&D Agency, promoting the establishment of innovation hubs, and optimizing science and technology (S&T) infrastructure in line with a new corporate system in April 2015**
- ○ **Continuing to manage operations in an effective manner based on administrative reviews**

⇒ **Promoting the Creation of S&T Innovation for the Rebirth of Japanese "S&T Powerhouse"**

■ Budget of FY 2015 (Budget of FY 2014)

Total Operating Expenses	**120.8 billion yen (135.6 billion yen)**	**<general, document, and ImPACT accounts>**
Grant for Operating Expenses	**101.0 billion yen (122.2 billion yen)**	**an year-on-year decline of 21.2 billion yen (17.3%)**
Grant for Facilities Improvement	**0.0 billion yen (0.4 billion yen)**	

* The FY2015 grant for operating expenses marks an increases of 1.5% over 99.5 billion yen, which is the amount after an estimated budget for the unification of AMED was deducted from the FY2014 grant for operating expenses.

Enhancing Japan's Capabilities to Create Innovation

The amounts of breakdown show the estimates for several items in the FY 2015 grant for operating expenses.

- **Establishing Innovation Hubs 15.0 billion yen (new)**

  Based on the new corporate system in FY2015, establishing innovation hubs in which people from the industrial, academic and ministerial sectors can collaborate in working on research under the leadership of national R&D agencies, by providing support for drastic and prominent strategies of the agencies

- **Launching a Program for Cultivating Program Managers (PMs) 0.1 billion yen (new)**

  With the goal of cultivating and acquiring PMs who will assume the role of designing and initiating high-potential R&D projects to create innovation, providing personnel with the opportunity to learn necessary knowledge and skills as well as to plan a project and offer suggestions

Creating Innovation by Utilizing Regional Resources

- **Launching a Program for Promoting the Construction of a Regional Research Complex 1.8 billion yen (new)**

  Constructing a common platform for the industrial, academic and ministerial sectors in which they can share regional prominent resources (personnel, technology seeds, and advanced research facilities) as well as take in those from outside the region in order to create innovative technology seeds and foster young personnel in relative fields

- **Matching Planner Program 0.9 billion yen (new)**

  Providing support for the affected regions in the form of collaborative research up to the resulting commercialization by linking regional corporate needs to technology seeds originating in universities nationwide by using JST's networks through the intermediary of matching planners

Preventing Research Misconduct

- **Action Toward Improving Research Integrity 0.4 billion yen (new)**

  Sophisticating research integrity education through workshops and symposiums and developing and diffusing educational materials in the field; Offering advice on building a framework to prevent research misconduct at research

Budget

- Transfer JST's research for practical use in medicine into AMED (approx. 22.3 billion yen in FY 2014 budget)

Provision of Personnel

- Provide JST's manpower so that AMED can smoothly promote the operation transferred from JST

Cooperative Structure

- Establish this Structure between JST and AMED

<Strategies>

- Use the think tank function of JST's CRDC to provide cooperation for AMED
- Promote partnerships in terms of creating medical database and sharing know- how to operate the data
- Transfer JST's research achievements into AMED that are derived from the other fields than medicine and hold high potential for practical use in medicine and pharmaceutical
- Exchange information regarding operations of the two organizations and know-how to conduct these operations

Life Innovation Area Package 2015

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■ Future Vision

Provide the various social needs in the fields of food, environment, and health by creating scientific and technological innovations that are based on biological functions

■ Needs

- Food Security / Food Industry Creation
- New Energy Creation
- Environmental Conservation / Environmental Improvement
- Promotion of Measurement Industry
- Health and Longevity

■ Strategic Program Package

Development of life technology

1. New technologies for food production and functional food
2. Development for life measurement technology
3. Biological function regulation technology

Green Biotechnology

- Biomass Production Technology
- Crop Production Technology
- Useful Substance Production Technology

Next Generation Key Technology

- Observation and measurement
- Analysis and modeling
- Operation and Creation Technology

Biological System

- Molecular Regulation Technology
- Cell Regulation-Technology
- Individual Regulation-Technology