

Measures for Handling of ALPS Treated Water

(Outline of Government Budget Proposals of Ministries and Agencies in Response to the Action Plan)

December 28, 2021

Secretariat of the Team for Contaminated Water, Treated Water and Decommissioning Issues

- ◆ The government budget draft in response to the Action Plan for the handling of ALPS treated water at the Fukushima Daiichi Nuclear Power Station (NPS) is indicated below:

1. Seawater, fishery product, and monitoring before the discharge

- Foster a sense of security with exhaustive safety measures to establish a framework for preventing reputational damage. Strengthen and enhance monitoring based on discussions at expert meetings. In addition, establish a system to analyze tritium concentration and purification status of ALPS treated water before discharge, with the involvement of third parties with expertise in analyzing radioactive materials.

Enhanced

- (1) [Environmental monitoring survey in areas affected by the Great East Japan Earthquake](#) (Ministry of the Environment Government of Japan, Special Account for Reconstruction) [750 million]
 - In addition to the current monitoring of public water areas in the disaster-affected areas and surrounding areas, newly perform marine monitoring in the FY 2022 project for radioactive materials associated with the discharge of ALPS treated water containing tritium into the sea.

Enhanced

- (2) [Expenses required for research and study, including monitoring environmental contamination by radioactive materials](#)/expenses required for international cooperation (Nuclear Regulation Authority, Special Account for Reconstruction/Ministry of Foreign Affairs of Japan, general account). [FY 2021 supplementary budget: 90 million yen, FY 2022 initial budget: 1.23 billion]
 - In addition to the current monitoring to observe the mid-to-long-term trend of radioactive materials discharged from the TEPCO Fukushima Daiichi NPS, newly implement marine monitoring in the FY 2022 project for radioactive materials associated with the discharge of ALPS treated water containing tritium into the sea.
 - Cooperate with IAEA to improve analytical capabilities and reliability of analytical results in marine monitoring.

- (3) [Comprehensive assessment project for the radioactivity in the marine environment](#) (Nuclear Regulation Authority, Special Account for Energy Measures) [880 million]
 - Conduct surveys of radioactive materials contained in seawater off the coast of nuclear facilities.

Enhanced

- (4) [Project for promoting surveys on the effects of radioactive materials](#)(Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [400 million]
— Continue support for monitoring and inspection of radioactive cesium in fishery products and newly implement monitoring and inspection of fishery products for tritium.

New

- (5) [Facility development project for radioactive materials research bases](#) (Ministry of Economy, Trade and Industry, general account) [FY 2021 supplementary budget: 2.26 billion]
— Develop facilities and equipment necessary for analysis before the discharge of ALPS treated water.

2. Diverse PR activities

- Make efforts to deepen the understanding of domestic consumers and various operators that potentially suffer from adverse impacts on reputation by disseminating scientifically-based information in an easy-to-understand manner and through two-way communication.

- (1) [Subsidy for the project to disseminate nuclear disaster-related information](#) (Ministry of Economy, Trade and Industry, Special Account for Energy Measures) [190 million]
— Support activities to foster understanding at the Great East Japan Earthquake and Nuclear Disaster Memorial Museum.
- (2) [Measures to eliminate reputational damage and enhance risk communication](#) (Reconstruction Agency, Special Account for Reconstruction) [2 billion yen]
— Strengthen the effective dissemination of information to eliminate reputational damage and concerns that persist in Japan and overseas, foster understanding of ALPS treated water, and remove restrictions on imports of Japanese products in other countries and regions. Moreover, support local governments in Fukushima Prefecture to disseminate information on local attractions and the safety of food products through their originality and ingenuity.
- (3) Project expenses for promoting public-private partnership (Ministry of Foreign Affairs of Japan, general account) [Included in 40 million yen]
— Host public relations receptions for foreign government officials and the general public at diplomatic establishments abroad to directly promote understanding of the safety and attractiveness of Japanese food products.
— Commission local experts to provide expert advisors to assist in collecting information and forming personal connections concerning the regulations of the partner countries and regions on the export of Japanese agricultural, forestry, fishery and food products.

- (4) Press tour for foreign media (Ministry of Foreign Affairs of Japan, general account) [Included in 20 million yen]
— Through press tours for foreign media based in Tokyo, provide opportunities to cover the current situation of the Fukushima Daiichi NPS, including ALPS treated water and the reconstruction of Fukushima.

Enhanced

- (5) [Expenses for consumer safety promotion and education](#) (Consumer Affairs Agency, Government of Japan, general account) [60 million]
— Implement activities to promote consumer understanding of measures associated with food and radioactivity.

3. Measures for the fisheries industry

- For establishing a system that enables businesses to continue operations with assurance, implement measures to create a multilayered structure of business resilience and relationships in the fisheries industry that is not affected by reputational damage.

(1) Production measures for the affected areas

Enhanced

- (1) [Expand the project for supporting the reconstruction of fishery and aquaculture industries \(Project for supporting the recovery of *Garbaru* \(striving\) fisheries\)](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction)
— To shift to a more flexible management system that does not rely on a single fish species, in addition to Fukushima Prefecture, expand the target area from Aomori Prefecture to Chiba Prefecture.
— Extend the period for approval of the project plan to FY 2025. (Fund balance at the beginning of FY 2021: 58.5 billion yen]

Enhanced

- (2) [Strengthen support for the release of seeds and seedlings in the affected marine areas](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [700 million]
— Add Ibaraki Prefecture to the target area and support measures to secure seeds and seedlings to be released to stably produce and supply fish in the target area from Iwate Prefecture to Ibaraki Prefecture.

Enhanced

- (3) [Enhance support for introducing equipment and facilities for fisheries](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [100 million]
— As support for the introduction of fishing equipment in Fukushima Prefecture, in addition to conventional energy-saving equipment and facilities, expand eligibility for subsidies to include equipment that contributes to productivity improvement, such as seawater cooler.
- (4) [Subsidy for the acceleration of revitalization of Fukushima](#) (Project for the reconstruction promotion and development of joint-use facilities for the fisheries industry) (Reconstruction Agency, Special Account for Reconstruction) [Included in 70.1 billion yen]
— Support the development of joint-use facilities for fisheries in Fukushima Prefecture.

New

- (5) [Project to support securing next-generation fishers in Fukushima Prefecture](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [380 million]
— Provide Fukushima Prefecture with support in introducing fishing vessels and equipment needed for starting work by providing long-term training for new employees, including the young from fishery households, and through a leasing system.

(2) **Measures for processing, distribution, and consumption in the affected areas**

New

- (1) [Establish a new project for supporting the acceleration of reconstruction and sales of the fisheries industry](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [4.05 billion]
— Develop and expand the existing comprehensive project to revitalize agriculture, forestry, and fishery industries in Fukushima Prefecture and the project to promote the recovery of sales channels for the restored fishery product processing industry, and implement the following items in an integrated manner.

New

⊙: For Fukushima Prefecture, ○: For affected areas

(New item)

- ⊙ Demonstrate safety of fishery products from Fukushima Prefecture.
- ⊙ Provide support for increasing consumption of prefectural fishery products in the fishery consumption area market in Fukushima Prefecture.
- Sell processed products through online department stores and luxury food e-commerce sites.
- Provide sales support at mass retailers, specialty fish stores, etc.

(Succeed the items of the former comprehensive project to revitalize agriculture, forestry, and fisheries industries in Fukushima Prefecture).

- ⊙ Provide support for acquiring Marine Eco-label certification.
- ⊙ Install permanent sales shelves at mass retailers in the Tokyo metropolitan area.
- ⊙ Provide support for delivering value-added fishery products from Fukushima Prefecture.
- ⊙ Provide support for hosting events to increase consumption of fishery products from Fukushima Prefecture.
- ⊙ Provide support for developing sales channels of prefectural fishery products to employee cafeterias.

Enhanced

(Succeed the items of the former project to promote the recovery of sales channels for the restored fishery product processing industry)

- Strengthen support for advisor guidance and hosting seminars, business meetings, etc.
- Host Sanriku and Tokiwa Fairs using dine-out opportunities and strengthen information dissemination.
- Provide support for developing fishery product processing equipment.
- ⊙ Support activities to ensure stable production of processed raw materials until full-scale operation takes off.

Enhanced

- (2) [Public-private joint-team expert support project \(included in the project to provide self-reliance support for businesses affected by the nuclear disaster\)](#) (Ministry of Economy, Trade and Industry, Special Account for Reconstruction) [Fund balance: 4.3 billion]
— Expand eligibility for support to include fishery-related wholesalers and processors in 15 municipalities, including the Hamadori area in Fukushima Prefecture, and pay individual visits and provide hands-on support by a public-private joint team.

Enhanced

- (3) [Project to support securing human resources \(included in the project to provide self-reliance support for businesses affected by the nuclear disaster\)](#)(Ministry of Economy, Trade and Industry, Special Account for Reconstruction) [450 million]
— Expand eligibility for support to include fishery-related wholesalers and processors in 15 municipalities, including the Hamadori area in Fukushima Prefecture, and assist businesses in securing human resources.

Enhanced

- (4) [Project to support matching between businesses toward sixth sector industrialization \(included in the project to provide self-reliance support for businesses affected by the nuclear disaster\)](#)(Ministry of Economy, Trade and Industry, Special Account for Reconstruction) [540 million]
— Expand eligibility for support to include fishery-related wholesalers and processors in 15 municipalities, including the Hamadori area in Fukushima Prefecture, and assist businesses in product and sales channel development.

4. Timely measures to prepare for worst-case scenario declines in demand


- Implement measures to deal with potential adverse impacts on reputation, even if measures such as fostering understanding are taken.

New

- (1) [Measures for demands related to the discharge of ALPS treated water into the sea](#) (Ministry of Economy, Trade and Industry, general account and Special Account for Energy Measures)
[FY 2021 supplementary budget: 30 billion]
— While suppressing the reputational damage associated with the discharge of ALPS treated water into the sea, establish a fund for its resilient enforcement nationwide that enables to flexibly and efficiently respond to a decline in demand for fishery products so that fishery operators can continue fishing with assurance even if adverse impacts on reputation occur.
- A) As support for measures to expand sales channels of fishery products, assist in expanding and developing sales channels by supplying fishery products to corporate cafeterias and selling them online.
 - B) To support the temporary purchase and storage of freezer-friendly fishery products, cover the borrowing rate of interests of funds and the expenses required.
 - C) Conduct public relations activities through diverse media and methods targeted at consumers, and provide briefings for distributors to ensure fair transactions.

5. Measures for agriculture, forestry, and commerce and industry

- Provide support to address agriculture and forestry industries in the affected areas, and assist the commerce and industry in developing sales channels and securing human resources required to strengthen management capabilities that allow them to overcome the adverse impacts on reputation.

- (1) [Project for the reconstruction and creation of agriculture, forestry, and fisheries industries in Fukushima Prefecture](#)(Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [4.06 billion]
 - Provide comprehensive support for the reconstruction and creation of the agriculture, forestry, and fisheries industries in Fukushima Prefecture, from production to distribution and sales, including the establishment of a brand unique to Fukushima and strengthening the competitiveness of production areas, radioactive material inspections, promotion of domestic and overseas sales, and acquisition of third-party certification of GAP (Good Agricultural Practice).
- (2) [Project for mitigating the effects of radioactive materials on agricultural and livestock products](#)(Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [90 million]
 - In addition to measures to control the absorption of radioactive materials, support efforts to drive forward the disposal of grass and rice straw, etc., contaminated with radioactive materials.
- (3) [Project for the acceleration of processing agricultural and forestry waste](#) (Ministry of the Environment Government of Japan, Special Account for Reconstruction) [1.42 billion]
 - Subsidize part of the expenses required to dispose of grass and rice straw, etc., contaminated with radioactive materials for municipalities handling them.
-  (4) [Project for system development and reconstruction for special forest product facilities](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [900 million]
 - Provide support for introducing production materials, measuring equipment for radioactive materials, and establishing shipment control and inspection systems to restore production areas for special forest products.
- (5) [Project for the investigation and verification of logistics impact on safe timber products, etc.](#) (Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [90 million]
 - Provide support for establishing a system to investigate, analyze radioactive materials contained in timber products, etc., in Fukushima Prefecture and demonstrate their safety.
- (6) [Measures related to fact-finding surveys on the effects of radioactive materials on agricultural and livestock products](#)(Ministry of Agriculture, Forestry and Fisheries, Special Account for Reconstruction) [60 million]
 - To prevent the distribution of agricultural, forestry, and livestock products that exceed the reference value of radioactive materials based on the Food Sanitation Act, perform inspections on the concentration of radioactive materials contained in agricultural and livestock products, special forest products, agricultural soil, etc.
- (7) [Repost] Public-private joint-team expert support project (Ministry of Economy, Trade and Industry, Special Account for Reconstruction)
 - Pay individual visits and provide hands-on support by a public-private joint team to businesses in 12 municipalities, including the Hamadori area in Fukushima Prefecture.
*This project is also expected to be utilized for “6. Measures for tourism and increasing visitors”.

- (8) [Repost] Project to support securing human resources (included in the project to provide self-reliance support for businesses affected by the nuclear disaster) (Ministry of Economy, Trade and Industry, Special Account for Reconstruction)
 — Assist businesses in 12 municipalities, including the Hamadori area in Fukushima Prefecture, in securing human resources.
 *This project is also expected to be utilized for “6. Measures for tourism and increasing visitors”.
- (9) [Repost] Project to support matching between businesses toward sixth sector industrialization (included in the project to provide self-reliance support for businesses affected by the nuclear disaster) (Ministry of Economy, Trade and Industry, Special Account for Reconstruction)
 — Assist 12 municipalities, including the Hamadori area in Fukushima Prefecture, in product and sales channel development, and support setting special sections in commercial facilities to promote sales of local products in Fukushima Prefecture.
 *This project is also expected to be utilized for “6. Measures for tourism and increasing visitors”.
- (10) [Subsidy for promoting business resumption and return \(included in the project to provide self-reliance support for businesses affected by the nuclear disaster\)](#) (Ministry of Economy, Trade and Industry, Special Account for Reconstruction) [1.52 billion]
 — Support content development to attract customers and increase the number of visitors in 15 municipalities, including the Hamadori area in Fukushima Prefecture.
 — In 15 municipalities, including the Hamadori area in Fukushima Prefecture, give reward points to those who use QR mobile payment to attract visitors and stimulate consumption.

6. Measures for tourism and increasing visitors

- Provide support for promoting Hope Tourism and comprehensive support for marine leisure, and develop the business environment to increase visitors.

Enhanced

- (1) [Project to support tourism reconstruction in Fukushima Prefecture](#) (Japan Tourism Agency, Special Account for Reconstruction) [500 million]
 — To promote the reconstruction of tourism in Fukushima Prefecture, support measures implemented by Fukushima Prefecture based on the Fukushima Prefecture tourism-related reconstruction project implementation plan. In the FY 2022 project, strengthen activities to attract more visitors through Hope Tourism which provides an experience to capture a glimpse of the reconstruction of Fukushima.

New

- (2) [Blue Tourism promotion support project](#) (Japan Tourism Agency, Special Account for Reconstruction) [270 million]
 — As measures against reputational damage due to the discharge of ALPS treated water into the sea, support activities to promote Blue Tourism that communicates the marine attractiveness from Iwate Prefecture to Ibaraki Prefecture.

- (3) [Repost] Subsidy for promoting business resumption and return (included in the project to provide self-reliance support for businesses affected by the nuclear disaster) (Ministry of Economy, Trade and Industry, Special Account for Reconstruction)
- Support content development to attract customers and increase the number of visitors in 15 municipalities, including the Hamadori area in Fukushima Prefecture.
 - In 15 municipalities, including the Hamadori area in Fukushima Prefecture, give reward points to those who use QR mobile payment to attract visitors and stimulate consumption.
- (4) [Project to support infrastructure development for communicating local attractions](#) (Ministry of Economy, Trade and Industry, Special Account for Reconstruction) [220 million]
- Support activities to communicate local traditions and attractions and increase visitors to eliminate the reputational damage in Fukushima Prefecture and increase the non-resident population mainly in 12 municipalities, including the Hamadori area in Fukushima Prefecture.

7. Support by Organization for Small & Medium Enterprises and Regional Innovation, JAPAN (SME Support, JAPAN), JETRO, and other organizations

- Provide support by SME Support, JAPAN, and JETRO for businesses involved in fisheries, agriculture, forestry, commerce and industry, and tourism.

Enhanced

- (1) [Establishment of special consultation desks and dispatch of reconstruction support advisors, etc. \(Subsidy for operating expenses for SME Support, JAPAN, and subsidy for operating expenses for JETRO\)](#) (Ministry of Economy, Trade and Industry, Ministry of Agriculture, Forestry and Fisheries, general account)
- Establish Special Consultation Desks at SME Support JAPAN and JETRO offices in prefectures along the Pacific coast, and provide on-site consultations at various locations.
 - Send reconstruction assistance advisors from SME Support JAPAN to small and medium enterprises and assist them in business planning, financing, and sales channel development.
 - Provide support by JETRO to develop sales channels via overseas e-commerce sites, and communicate the appeal of Japanese products to Japanese food supporter stores overseas.