

# Research and Development of the Project of Decommissioning, Contaminated Water and Treated Water Management and Connection to Engineering

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## Abstract

The Ministry of Economy, Trade and Industry (as “METI”) has established the fund since FY 2013 and implemented the “Project of Decommissioning, Contaminated Water and Treated Water Management” as the subsidy program by solicitations to support R&Ds with high technical difficulties. In this presentation, the connections among the various subsidized projects within this program and the expected contributions to the decommissioning of the Fukushima Daiichi Nuclear Power Station will be introduced.

## 1. Introduction

In order to safely and steadily decommission the Fukushima Daiichi NPS, it is important to conduct R&Ds by gathering wisdom from both Japan and overseas. Therefore, METI has established a fund since FY 2013 and implemented the “Project of Decommissioning, Contaminated Water and Treated Water Management” as the subsidy program by solicitations to support R&Ds with high technical difficulties. The R&D projects have been managed by the Management Office for the Project of Decommissioning, Contaminated Water and Treated Water Management. In order to ensure the results of the R&Ds to contribute to the decommissioning of the Fukushima Daiichi NPS, the R&Ds are conducted in cooperation with TEPCO, which manages the site and considers the applicability.

## 2. Subsidized Projects of Decommissioning, Contaminated Water and Treated Water Management and Connection to Engineering

The R&D projects for the decommissioning of the Fukushima Daiichi NPS have been subdivided and subsidized. Each subsidized project is being conducted by domestic and foreign organizations. The subsidized projects are classified into “Internal Investigation”, “Development of Fuel Debris Retrieval Method”, “Improvement of Work Environment”, and “Processing of Solid Waste, etc.”. The current projects are closely related to each other and connected to engineering which has been utilizing wisdom in Japan and overseas. Also, to obtain the information on R&Ds from organizations in Japan and overseas, PMO conducts RFI (Request for Information) every spring on the website. <sup>[1]</sup> (<https://en.dccc-program.jp/>)

### R&Ds of Decommissioning, Contaminated Water and Treated Water Management Program (supported by PMO)

