

# Board of Governors

**GOV/2011/32**

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Item 4 of the provisional agenda  
(GOV/2011/23)

## Technical cooperation project in support of a marine benchmark study on the possible impact of the Fukushima radioactive releases in the Asia-Pacific Region

In view of the Fukushima Daiichi nuclear power plant accident of March 2011, the Member States of the Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (RCA) have requested a new regional technical cooperation (TC) footnote-a/ project in support of a marine benchmark study on the possible impact of the Fukushima radioactive releases in the Asia-Pacific Region. The proposed project aims to enable RCA Member States to evaluate the extent and the possible impact of the releases of radioactivity from the Fukushima Daiichi nuclear power plant into the marine environment and to make scientific assessments of the data.

The project will build on the achievements of TC project RAS/7/016 (Establishing a Benchmark for Assessing the Radiological Impact of Nuclear Power Activities on the Marine Environment in the Asia-Pacific Region (RCA)), which will be completed by the end of 2011. Data collected under RAS/7/016 will provide pre-Fukushima baseline data, against which data collected under the proposed new project can be measured. The proposed project will also support a coordinated approach to gathering field data and to assessing radiological impact to the marine environment. The project has a proposed starting date of 1 July 2011, as it is in the best interests of the RCA Member States to collect essential data promptly for eventual comparison.

Some non-Member States of the IAEA in the region have also expressed concerns about the extent and possible impact of the Fukushima event. Their participation in the project might be considered, in accordance with the Board decisions on assistance to non-Member States contained in documents GOV/2810 and GOV/2818. A number of donor countries have expressed interest in funding the project.

## Project description

**Title:** Marine benchmark study on the possible impact of the Fukushima radioactive releases in the Asia-Pacific Region.

**Objective:** To enable RCA Member States to evaluate the extent and the possible impact of the releases of radioactivity from the Fukushima Daiichi nuclear power plant into the marine environment and make scientific assessments of the data.

**Outcome:** Enhancement of regional mechanisms and competency of the RCA Member States in the monitoring and assessment of the possible impact and consequences of uncontrolled releases of radioactivity into the marine environment following a nuclear event.

**Project duration:** 4 years, proposed start date 1 July 2011

**Project budget:** €1,053,000

### FOOTNOTE-a/ FINANCING

Year	Human Resource Components (€)				Procurement Components (€)	Total (EUR)	
	Experts	Meetings	Training Courses	Sub-Total		Sub-Contracts	Sub-Total
2011		€118,100		€118 100			€118 100
2012		€53,100	€166,627	€219 727	€20,000	€20 000	€239 727
2013	€20,000	€69,075	€194,049	€283 124			€283 124
2014	€20,000	€83,250	€130,764	€234 014			€234 014
2015	€20,000	€85,750	€72,021	€177 771			€177 771
				€1 032 736		€20 000	€1 052 736

## Recommended Action

It is recommended that the Board:

- Approve this proposed project as a new project in the Agency's technical cooperation programme for 2011;
- Approve the use of footnote-a/ funding for this project for a total amount of €1 053 000, which will be implemented as resources become available;
- Approve the possible participation of concerned non-Member States of the IAEA in the region.