



## Regional: Applying Space-Based Technology and Information and Communication Technology to Strengthen Disaster Resilience

Project Name	Applying Space-Based Technology and Information and Communication Technology to Strengthen Disaster Resilience
Project Number	48333-001
Country	Regional
Project Status	Active
Project Type / Modality of Assistance	Technical Assistance
Source of Funding / Amount	<p><b>TA 8884-REG: Applying Space-based Technology and Information and Communication Technology to Strengthen Disaster Resilience</b></p> <p>Japan Fund for Poverty Reduction <span style="float: right;">US\$ 2.00 million</span></p>
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth Regional integration
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships
Sector / Subsector	<b>Information and communication technology</b> - ICT industries and ICT-enabled services
Gender Equity and Mainstreaming	No gender elements
Description	<p>The technical assistance (TA) aims to establish a more information-based Disaster Risk Management through the application of Space-based Technology (SBT) and Information and Communication Technology (ICT).</p> <p>The TA will have the following outputs: (i) SBT and ICT applied for information collection, sharing and utilization for disaster risk reduction, post disaster response, recovery and reconstruction in the selected communities in one or two pilot cities in each pilot country, (ii) knowledge shared regarding sustainable SBT and ICT applications for DRM in each pilot country and the knowledge in pilot countries shared in the region, and (iii) policy guidelines developed regarding sustainable SBT and ICT applications for DRM in each pilot country.</p>
Project Rationale and Linkage to Country/Regional Strategy	<p>The Asia Pacific region has increasingly been subject to all major types of natural hazards and natural disasters. This has intensified the need for strengthened information systems for disaster resilience and timely support post disaster.</p> <p>In this light, this TA aims to contribute to establish more information-based DRM by improving the quality and timeliness of information for disaster preparedness and response using SBT and ICT. It will be able to assist DMCs in improving local capacity to collect and share reliable and timely disaster related data at a local government and community level to strengthen their disaster resilience and support timely post-disaster response, recovery and reconstruction efforts.</p>
Impact	More information-based DRM

### Project Outcome

Description of Outcome	Improved quality and timeliness of information for disaster preparedness and response using SBT and ICT in the pilot DMCs
Progress Toward Outcome	
<b>Implementation Progress</b>	

Description of Project Outputs	<ol style="list-style-type: none"> <li>1. SBT and ICT applied for information collection, sharing and utilization for disaster risk reduction, post disaster response, recovery and reconstruction in the selected communities in one or two pilot cities in each pilot country</li> <li>2. Knowledge shared regarding sustainable SBT and ICT applications for DRM</li> <li>3. Policy guidelines developed regarding sustainable SBT and ICT applications for DRM in each pilot country</li> </ol>
Status of Implementation Progress (Outputs, Activities, and Issues)	
Geographical Location	

## Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

### Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

## Business Opportunities

Consulting Services	The TA will require 144 person-months of consulting services (32 person-months international and 112 person-months national to implement the TA components in the pilot countries. All consultants will be engaged by ADB in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The consultants will work under the overall supervision of ADB.
Procurement	Any procurement under this TA will be in accordance with ADB's Procurement Guidelines (2010, as amended from time to time). Disbursements under the TA will be made in accordance with ADB's Technical Assistance Disbursement Handbook. At the end of the TA, equipment purchased through the shopping method under the TA will be assigned to the agencies concerned in the DMCs.

## Responsible Staff

Responsible ADB Officer	Yahata, Tadayoshi
Responsible ADB Department	SDSC
Responsible ADB Division	SDSC-URB
Executing Agencies	<i>Asian Development Bank 6 ADB Avenue, Mandaluyong City 1550, Philippines</i>

## Timetable

Concept Clearance	03 Oct 2014
Fact Finding	01 Jul 2014 to 30 Sep 2014
MRM	-
Approval	31 Mar 2015
Last Review Mission	-
Last PDS Update	08 Oct 2014

## TA 8884-REG

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
31 Mar 2015	-	31 Mar 2015	31 Mar 2017	30 Sep 2017	-
Financing Plan/TA Utilization				Cumulative Disbursements	

ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	2,000,000.00	0.00	0.00	0.00	0.00	2,000,000.00	31 Mar 2015	726,952.98

Project Page <https://www.adb.org/projects/48333-001/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=48333-001>

Date Generated 06 July 2017

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