



## Project Data Sheet

Project 49388-001

Project Name	Developing Cost-Effective Policies and Investments to Achieve Climate and Air Quality Goals in the Beijing-Tianjin-Hebei Region	
Project Number	49388-001	
Country / Economy	China, People's Republic of	
Project Status	Closed	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	<b>TA 9034-PRC: Developing Cost-Effective Policies and Investments to Achieve Climate and Air Quality Goals in the Beijing Tianjin Hebei Region</b>	
	Technical Assistance Special Fund	US\$ 750,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Knowledge solutions Partnerships	
Sector / Subsector	<b>Energy</b> / Conventional energy generation - Energy efficiency and conservation <b>Industry and trade</b> / Large and medium industries	
Gender	No gender elements	
Description	The proposed technical assistance (TA) will use, expand, and tailor an existing model to the Beijing-Tianjin-Hebei (BTH) region to support the government in (i) assessing the interaction of climate and clean air policies; (ii) capturing co-benefits and identifying synergies between policies across sectors; (iii) taking measures that are cost-effective and well-coordinated within the BTH region; (iv) identifying policy and management approaches that strengthen incentives for plant-level compliance with energy transformation and environmental objectives; (v) projecting the impact of incentives created by market-based instruments to be established, such as the national emissions trading system; and (vi) studying the health impacts of policies.	

Project Rationale and Linkage to Country/Regional Strategy	<p>The study is timely, as the action plan is well advanced and will approach completion of its initial phase in 2017, while the preparation of its second phase (2018- 2022) is expected to commence in 2016. The TA will help the government to formulate cost-effective policies and high-impact interventions for the subsequent phase of the action plan.</p> <p>Cost-effective policies and investments to achieve climate and air quality goals in the BTH region are of high importance for the government. During the country programming meeting in August 2015 in Beijing, the government and ADB agreed to provide long-term and scaled-up support to address air quality issues in the BTH region. Immediate support includes three TA projects and one sovereign loan on air pollution, balanced economic and social development, and low-carbon transport.</p>
Impact	Carbon intensity reduction and air quality improvement in the Beijing-Tianjin-Hebei (BTH) region accelerated.

## Project Outcome

Description of Outcome	More cost-effective policies and investments to improve air quality and reduce carbon dioxide emissions in the BTH region made
Progress Toward Outcome	There was a slight delay on the government concurrence on the TA as there were unsettled issues, but nonetheless, the TA became effective on 14 March 2016. The consultants were recruited based on single source selection. Contract signing took a little longer as some minor revisions were inserted in the general conditions of the contract which required approval from OGC. Tsinghua University commenced services on 7 September 2016.

## Implementation Progress

Description of Project Outputs	<p>Constraints for effective policy implementation analyzed and synthesized</p> <p>Adequacy of the model framework assessed and improved</p> <p>Interplays of climate and air quality co-benefits in the Beijing Tianjin Hebei region and their sequencing assessed</p> <p>Set of policy recommendations and investment choices for the Beijing- Tianjin- Hebei region prepared</p>
Status of Implementation Progress (Outputs, Activities, and Issues)	The TA closed on 13 December 2020. Financial closure is expected within March 2021.
Geographical Location	Nation-wide, Beijing, Hebei, Tianjin

## Summary of Environmental and Social Aspects

Environmental Aspects
Involuntary Resettlement
Indigenous Peoples

## Stakeholder Communication, Participation, and Consultation

During Project Design	Consultations with governments were conducted.
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During Project  
Implementation

Inception, interim, and final review missions have been fielded. Discussions during the missions were to review the consultants' performance, overall TA implementation, and status of deliverables based on the design and monitoring framework of the TA. The missions were also discussing interim results with companies, government institutions and other key stakeholders. The performance of the TA, including its outputs and outcomes, was evaluated during the final review mission based on the design and monitoring framework. Good practices and lessons learned will be disseminated through workshops and publication of a knowledge product.

## Business Opportunities

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Consulting  
Services

The consultants will be engaged by the Asian Development Bank (ADB) through a university following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time) using the single-source selection method. It is estimated that the technical assistance (TA) will require a team of consultants consisting of three international consultants (15 person-months) and six national consultants (36 person-months) for TA implementation. The international consultants include a clean energy clean air nexus expert, an econometrician with experience in quantitative economic research and modeling, and an energy and environmental policy expert. The national consultants comprise (i) a clean energy clean air nexus expert, (ii) a project coordinator, (iii) an environmental policy and management expert, (iv) an expert in air quality modeling and health impact, (v) a low-carbon energy and climate policy expert, and (vi) an econometrician. In addition, the TA will require one eminent international consultant (4 person-months), to be recruited individually, who has an understanding of quantitative energy economic research to assess the model framework and review TA results from time to time.

Responsible ADB Officer      Bano, Alfredo

Responsible ADB Department      East Asia Department

Responsible ADB Division      EASI

Executing Agencies

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## Timetable

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Concept Clearance      04 Dec 2015

Fact Finding      30 Nov 2015 to 01 Dec 2015

MRM      -

Approval      14 Dec 2015

Last Review Mission      -

Last PDS Update      26 Mar 2021

## TA 9034-PRC

## Milestones

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Approval	Signing Date	Effectivity Date	Closing					
			Original	Revised	Actual			
14 Dec 2015	14 Mar 2016	14 Mar 2016	11 Mar 2018	13 Dec 2020	10 Mar 2021			
Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart			Total	Date	Amount	
		Gov	Beneficiaries	Project Sponsor				Others
750,000.00	0.00	0.00	0.00	0.00	0.00	750,000.00	17 Jun 2022	718,982.73

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