



Project Data Sheet

Project 52125-001

Project Name	Industry Green Growth Indicators and Innovative Mechanisms for Guangdong Province	
Project Number	52125-001	
Country / Economy	China, People's Republic of	
Project Status	Closed	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 9649-PRC: Industry Green Growth Indicators and Innovative Mechanisms for Guangdong Province	
	Technical Assistance Special Fund	US\$ 300,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Private sector development	
Sector / Subsector	Energy / Energy efficiency and conservation Finance / Finance sector development Industry and trade / Small and medium enterprise development	
Gender	No gender elements	
Description	<p>The proposed knowledge and support technical assistance (TA) will support the development of industry green growth indicators and innovative mechanisms through research, capacity development, and policy advice to promote green growth of the industries in Guangdong Province, the People's Republic of China (PRC).</p> <p>The PRC Government has requested the TA from the Asian Development Bank (ADB) as part of its efforts to establish a comprehensive indicator and evaluation framework, system, and implementation mechanism to (i) improve environmental performance of industries in Guangdong, and (ii) support decision-making for future green financing. Following a mission in May 2018, ADB and the government reached an understanding on the TA objectives, scope, implementation arrangements, costs, and terms of reference for consultants. The TA is included in ADB's country operations business plan for the PRC, 20182020.</p>	

Project Rationale and
Linkage to
Country/Regional
Strategy

Since the PRC started the economic reform in 1978 and open-door policy implementation in 1979, Guangdong rapidly developed from a lagging agriculture area into the country's key manufacturing base. As of 2016, Guangdong was the most populous region in the country and ranked first among PRC regions in gross regional product, accounting for 11% of the PRC's gross domestic product. Guangdong's economic sectors (primary, secondary, tertiary) is 4.6, 43.4, and 52.0 by gross regional product ratio in 2016. About 79% of Guangdong's gross regional product is concentrated in Pearl River Delta, which creates regional disparity within the province. Environment degradation is a serious issue for the PRC. Guangdong, which took a leading role at the time of the economic opening, has also been taking very active role in addressing recent environmental issues. As guided by the central government, Guangdong has established various policies to achieve ecological society and promote green growth. However, Guangdong still relies heavily on high-input, high-consumption, and high-emission development model. Industries consume over 60% of the total energy in Guangdong. Manufacturing in Guangdong is largely supported by small- and medium-sized enterprises most of which are at lower hierarchy of the industrial supply chains, that still largely depends on traditional labor, energy, and resource intensive production method. The Guangdong government agencies issued series of policies and measures to promote green growth of industries which are fragmented and do not provide practical measures for enterprises, industrial parks, or cities to adopt and implement improvement measures.

To address the challenges and issues of fragmented and impractical policy guidance for practitioners, the TA will conduct research to propose usable indicator system to evaluate green growth of enterprises, industrial parks, and cities; and propose innovative mechanisms for Guangdong to promote green growth, such as evaluation and assessment mechanism, green financing mechanisms, and selection criteria. The indicators and mechanisms will be developed in consultation with Guangdong Economic and Information Commission (GDEI) and Guangdong Provincial Finance Department. The pilot evaluation exercise will rate the green performance of enterprises, industrial parks, and cities for internal references. GDEI will adopt the research outcomes and recommendations as standardized tools and mechanisms and apply them to the activities such as comprehensive utilization of industrial solid waste, assessment of energy conservation, planning of pollution prevention and control, development of resource recycling base, fund support for industries' energy conservation and environmental protection, and adoption of proposed mechanisms as standardized tools. The policy proposals will be submitted to Guangdong provincial government for inclusion in its Fourteenth Five-Year Plan.

Impact

The energy consumption per unit of Guangdong's major manufacturing products reduced
The circular economy of more than 100 economic parks in the province improved

Project Outcome

Description of Outcome

Comprehensive indicator and evaluation framework on green growth in Guangdong established

Progress Toward Outcome

Implementation Progress

Description of Project Outputs	Good practices and lessons on industry green growth and evaluation system studied and documented Indicators to comprehensively evaluate Guangdong industries' green growth developed Financial system and mechanism to promote green development and design of innovative financing projects prepared
Status of Implementation Progress (Outputs, Activities, and Issues)	The individual consultants are recruited. The inception mission was held on 28 June 2019. Surveys have been conducted, and the draft final report was prepared. An online consultation meeting was held in June 2020, and the draft final report will be discussed in October 2020. The TA was extended for another 6 months from 30 June 2021 to 31 Dec 2021 to (i) conduct TA workshop; (ii) finalize knowledge product contents; (iii) conduct TA final workshop.
Geographical Location	Guangdong

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	ADB will engage a total of 15.5 person-months of consulting services three international consultants for a total of 6.0 person-months of input, and three national consultants for a total of 9.5 person-months of input through individual selection following the ADB Procurement Policy (2017, as amended from time to time) and its associated project administration instructions and staff instructions. Individual consultants will be recruited because of the need for specialized and country-specific expertise.
Responsible ADB Officer	Maruyama, Hinako
Responsible ADB Department	East Asia Department
Responsible ADB Division	Urban and Social Sectors Division, EARD
Executing Agencies	<i>Department of Industry and Information Technology of Guangdong Province Guangdong Finance Bureau (GFB) Guangdong Provincial Finance Department</i>

Timetable

Concept Clearance	27 Aug 2018
Fact Finding	21 May 2018 to 22 May 2018
MRM	-
Approval	20 Nov 2018
Last Review Mission	-

Last PDS Update 29 Sep 2021

TA 9649-PRC

Milestones

Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
20 Nov 2018	14 Dec 2018	14 Dec 2018	30 Jun 2020	31 Dec 2021	12 Apr 2022

Financing Plan/TA Utilization

								Cumulative Disbursements	
ADB	Cofinancing	Counterpart		Project Sponsor	Others	Total	Date	Amount	
		Gov	Beneficiaries						
300,000.00	0.00	0.00	0.00	0.00	0.00	300,000.00	12 Oct 2022	217,034.92	

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