



# China, People's Republic of: Developing a Low-Carbon Economy in Yunnan Province

Project Name	Developing a Low-Carbon Economy in Yunnan Province				
Project Number	43051-012				
Country / Economy	China, People's Republic of				
Project Status	Closed				
Project Type / Modality of Assistance	Technical Assistance				
Source of Funding / Amount	<table><tr><td>TA 7442-PRC: Developing a Low-Carbon Economy in Yunnan Province</td><td></td></tr><tr><td>Climate Change Fund</td><td>US\$ 400,000.00</td></tr></table>	TA 7442-PRC: Developing a Low-Carbon Economy in Yunnan Province		Climate Change Fund	US\$ 400,000.00
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Climate Change Fund	US\$ 400,000.00				
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth				
Drivers of Change	Governance and capacity development Partnerships				
Sector / Subsector	Energy / Energy efficiency and conservation				
Gender	No gender elements				
Description					
Project Rationale and Linkage to Country/Regional Strategy	<p>In its long-term strategic framework 2008?2020 (Strategy 2020) , ADB has identified energy as a core operational sector and achieving environmental sustainability as a priority. ADB has introduced new initiatives (e.g. CEFPF) to augment its assistance to developing member countries for acquiring low-carbon technologies and implementing energy efficiency projects. ADB's country partnership strategy for the PRC has also emphasized balanced and sustainable growth with more efficient uses of resources and more stringent protection of the environment. One of the key priorities of the 11th Five Year Plan (FYP) of the PRC is to improve energy efficiency by 20%, which is a flagship program of the PRC to address climate change and environmental challenges due to rapid economic growth. The TA has a close fit with both ADB's and PRC's priorities.</p> <p>During the 2008 year end CPM, the PRC delegation requested ADB to provide this technical assistance (TA) for Yunnan Province to support its low carbon economy development. A reconnaissance mission (the Mission) from ADB visited Kunming, Yunnan Province during 4-8 May 2009 to discuss with the provincial officials from the Department of Finance of Yunnan Province (DFYP) and Yunnan Provincial Environmental Protection Department (YEPD) on the proposed TA. To match with TA resources, both sides agreed to conduct the TA activities first in Kunming, capital city of Yunnan Province, which has about 28.2% of the provincial GDP and 30.2% of the provincial industrial production. Lessons learned in Kunming can be replicated to other cities in Yunnan. In 2006, five energy intensive industries consumed about 8.1 million TCE and accounted for about 85% of total energy consumption in Kunming. The Five Energy-intensive Industries are (i) iron and steel, consuming about 3.09 million TCE and accounting for about 33.7% of total energy consumption in Kunming; (ii) power generation, about 1.61 million TCE and 17.6%; (iii) chemical, about 1.49 million TCE and 12.3%; (iv) building material, about 1.04 million TCE and 11.4%; and (v) non-ferrous metal, 0.87 million TCE and 9.5% . The Mission and the provincial government agencies agreed to focus on these five energy-intensive industries, and reached a common understanding on the impact, outcome, scope of work, key activities and implementation arrangements of the TA.</p>				
Impact	Promote sound economic development in Yunnan by introducing and applying widely the international best practice of the Low Carbon Economic methodology.				

Project Outcome	
Description of Outcome	Low carbon economic development in PRC, analysis on capacity of Kunming municipality in adaptation and mitigation of climate change.
Progress Toward Outcome	The TA activities have been completed and the consultant's report has been submitted. A workshop on the New Energy City Program was held in early September 2012.

Implementation Progress	
Description of Project Outputs	The Project will develop the low carbon city strategy for Kunming covering the areas of carbon emission reduction in the sectors of industry, energy, transportation and architecture. The Project will also have prioritized action plan for carbon emission reduction for Kunming.
Status of Implementation Progress (Outputs, Activities, and Issues)	The TA activities have been completed and the final payments to the consultants have been made. The TA account will be closed after completing other TA closing requirements.
Geographical Location	

Summary of Environmental and Social Aspects	
Environmental Aspects	
Involuntary Resettlement	
Indigenous Peoples	
Stakeholder Communication, Participation, and Consultation	
During Project Design	General consultations have been conducted with the Ministry of Finance, Yunnan Provincial Government, and other relevant government agencies on the scope, outcome, and implementation plans of the proposed TA.
During Project Implementation	The consultants are required to maintain close working relations with ADB and the EA/IA. Tripartite meetings among ADB, the EA/IAs, and the consultants have been held periodically to provide guidance to the consultants and to review their reports. Workshops and seminars have been conducted to collect comments on consultants' reports and also to disseminate main findings of the TA.

Business Opportunities	
Consulting Services	The TA will be carried out by a team of consultants with knowledge and experience in (i) economic and developmental analysis, (ii) energy technologies and energy savings measurement, (iii) environmental analysis, and (iv) enhancement of institutional capacities. The consultants will be engaged by ADB in accordance with its Guidelines on the Use of Consultants (2007, as amended from time to time). A consulting firm will be engaged using the quality (80% weighting) and cost-based (20%) selection method.
Responsible ADB Officer	Lee, Woo Yul
Responsible ADB Department	East Asia Department
Responsible ADB Division	Energy Division, EARD
Executing Agencies	Yunnan Provincial Government Mr. Zhou Bo, Director zhoubo@ynepb.gov.cn 27, Xi Yuan Nan Lu, Kunming People's Republic of China

Timetable	
Concept Clearance	15 Oct 2009
Fact Finding	20 Oct 2009 to 26 Oct 2009
MRM	-
Approval	14 Dec 2009
Last Review Mission	-
PDS Creation Date	15 Oct 2009
Last PDS Update	26 Sep 2012

## TA 7442-PRC

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
14 Dec 2009	27 Jan 2010	27 Jan 2010	30 Apr 2011	28 Oct 2012	29 Oct 2012

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
400,000.00	0.00	100,000.00	0.00	0.00	0.00	500,000.00	17 Jun 2022	395,477.45

Project Page	<a href="https://www.adb.org/projects/43051-012/main">https://www.adb.org/projects/43051-012/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=43051-012">http://www.adb.org/forms/request-information-form?subject=43051-012</a>
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