



China, People's Republic of: Research for Demonstration of Carbon Capture, Utilization, and Storage Technologies in Industrial Sectors of Yunnan Province

Project Name	Research for Demonstration of Carbon Capture, Utilization, and Storage Technologies in Industrial Sectors of Yunnan Province	
Project Number	55035-001	
Country	China, People's Republic of	
Project Status	Approved	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 6799-PRC: Research for Demonstration of Carbon Capture, Utilization and Storage Technologies in Industrial Sectors of Yunnan Province	
	Carbon Capture and Storage Fund under the Clean Energy Financing Partnership Facility	US\$ 1.00 million
	TA 6799-PRC: Research and Demonstration of Carbon Sequestration Technologies Applicable to Iron and Steel and Non-ferrous Metal Industries of Yunnan Province	
	Technical Assistance Special Fund	US\$ 300,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	Industry and trade - Trade and services	
Gender Equity and Mainstreaming	Some gender elements	
Description	Project Rationale and Linkage to Country/Regional Strategy	
Impact	Yunnan CO2 emission peaking target achieved before 2030.	
Project Outcome		
Description of Outcome	CCUS strategy to achieve CO2 emissions peaking and neutrality in Yunnan Province improved	
Progress Toward Outcome		
Implementation Progress		
Description of Project Outputs	Study on the role of CCUS technology in achieving carbon emission peaking and carbon neutrality in Yunnan Province produced	
Status of Implementation Progress (Outputs, Activities, and Issues)		
Geographical Location	Yunnan	
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	A consulting firm and national consultants will be engaged during the implementation of the TA.	

Procurement The TA will support to procure necessary equipment related to CCUS testing and monitoring to enhance EA capacity in promoting CCUS investment projects and monitoring the effectiveness. The equipment includes those testing the capture of CO2 in industrial sector, monitoring and evaluation of stored CO2, and utilization evaluation of CO2, which will cost about \$220,000. Given the equipment are standard goods and can be procured in market, the consulting firm to be hired will be responsible for this procurement.

Responsible ADB Officer	Lu, Xuedu
Responsible ADB Department	East Asia Department
Responsible ADB Division	EASI
Executing Agencies	Department of Ecology and Environment of Yunnan Province 1002 Guangfu Road, Xichan District, Kunming 650028 Yunnan Province, People's Republic of China

Timetable	
Concept Clearance	13 Jul 2021
Fact Finding	04 Aug 2021 to 06 Aug 2021
MRM	-
Approval	08 Oct 2021
Last Review Mission	-
Last PDS Update	08 Oct 2021

TA 6799-PRC

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
300,000.00	1,000,000.00	0.00	0.00	0.00	0.00	1,300,000.00	-	0.00

Project Page	https://www.adb.org/projects/55035-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=55035-001
Date Generated	03 November 2021

ADB provides the information contained in this project data sheet (PDS) solely as a resource for its users without any form of assurance. Whilst ADB tries to provide high quality content, the information are provided "as is" without warranty of any kind, either express or implied, including without limitation warranties of merchantability, fitness for a particular purpose, and non-infringement. ADB specifically does not make any warranties or representations as to the accuracy or completeness of any such information.