



Cambodia: Science and Technology Project in Upper Secondary Education

Project Name	Science and Technology Project in Upper Secondary Education	
Project Number	55134-001	
Country / Economy	Cambodia	
Project Status	Approved	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	Loan 4244-CAM: Science and Technology Project in Upper Secondary Education (CAM STeP Up) Concessional ordinary capital resources lending US\$ 70.00 million	
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development Knowledge solutions	
Sector / Subsector	Education / Secondary	
Gender Equity and Mainstreaming	Gender equity	
Description		
Project Rationale and Linkage to Country/Regional Strategy		
Impact		
Project Outcome		
Description of Outcome		
Progress Toward Outcome		
Implementation Progress		
Description of Project Outputs		
Status of Implementation Progress (Outputs, Activities, and Issues)		
Geographical Location		
Safeguard Categories		
Environment	B	
Involuntary Resettlement	C	
Indigenous Peoples	B	
Summary of Environmental and Social Aspects		
Environmental Aspects	The project activities, including the renovation of classrooms in existing schools and the construction of the Cambodia Science and Technology Center, are not anticipated to cause significant adverse environmental impacts. Minor environmental impacts, primarily noise, vibration, and dust emissions, as well as construction waste generation, could result in localized pollution and injuries to workers and nearby communities if pollution and safety risks are not adequately mitigated. These can be prevented or mitigated with good construction management practices. The initial environmental examination report, including the environmental management plan, prepared for the project, will guide environment and safety risk management during minor civil works.	
Involuntary Resettlement	The project will not entail land acquisition and involuntary resettlement issues. Construction of the Cambodia Science and Technology Center will be done within the ITC campus and the renovation and upgrading of classrooms will be done within existing school grounds, which are all state-owned properties. The land used for project school campuses and the ITC is unencumbered. All civil works will not restrict access to lands or people's livelihoods. Site screening of other schools not included in the sample used for the due diligence report will be done during project implementation to assess the involuntary resettlement impact.	
Indigenous Peoples	Project activities are only expected to have only positive impacts on indigenous students and teachers, particularly in terms of increased access to quality education, improved capacity of teachers, and improved learning outcomes in the project areas. There will be clear benefits for indigenous students participating in education as well as post-education employment prospects. The poverty and social impact assessment determined that project activities will not adversely affect the indigenous people's identity, dignity, human rights, livelihood systems, and cultural uniqueness.	
Stakeholder Communication, Participation, and Consultation		
During Project Design	Key stakeholders were consulted during project preparation, including the students, teachers, school directors, nongovernment organizations involved in the design and/or implementation of education projects and some civil society organizations. The Ministry of Education, Youth and Sport of Cambodia and its management and relevant staff worked closely with the ADB project team in the design of this project.	

During Project Implementation

Selected Civil Society Organizations specializing in STEM teaching and organizing STEM-oriented cocurricular activities will be contracted as resource persons or service providers for specific training and events. CSOs may also be involved in outreach for the Cambodia Science and Technology Center. Partnerships for continuous professional development and STEM curriculum enhancement may be established with tertiary and polytechnic education and training institutions, NGOs, and industry and business.

Responsible ADB Officer	Perez, Lynnette
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Human and Social Development Division, SERD
Executing Agencies	Ministry of Education, Youth and Sport

Timetable	
Concept Clearance	09 Jul 2021
Fact Finding	04 Apr 2022 to 08 Jul 2022
MRM	09 Aug 2022
Approval	04 Nov 2022
Last Review Mission	-
Last PDS Update	07 Nov 2022

Loan 4244-CAM

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	78.24	Cumulative Contract Awards			
ADB	70.00	-	0.00	0.00	%
Counterpart	8.24	Cumulative Disbursements			
Cofinancing	0.00	-	0.00	0.00	%

Project Page	https://www.adb.org/projects/55134-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=55134-001
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