



# Indonesia: Electric Transportation and Charging Infrastructure

Project Name	Electric Transportation and Charging Infrastructure				
Project Number	54356-001				
Country	Indonesia				
Project Status	Active				
Project Type / Modality of Assistance	Technical Assistance				
Source of Funding / Amount	<table border="1"> <tr> <td>TA 6583-INO: Electric Transportation and Charging Infrastructure</td> <td></td> </tr> <tr> <td>Republic of Korea e-Asia and Knowledge Partnership Fund</td> <td>US\$ 200,000.00</td> </tr> </table>	TA 6583-INO: Electric Transportation and Charging Infrastructure		Republic of Korea e-Asia and Knowledge Partnership Fund	US\$ 200,000.00
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Republic of Korea e-Asia and Knowledge Partnership Fund	US\$ 200,000.00				
Strategic Agendas	Inclusive economic growth				
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships				
Sector / Subsector	Energy - Energy efficiency and conservation				
Gender Equity and Mainstreaming	No gender elements				
Description	The TA will contribute to the policy action on electric transportation included in the policy matrix for the forthcoming policy-based loan on Sustainable and Inclusive Energy Program (SIEP) Subprogram 3, which is expected to be cofinanced by the Economic Development Cooperation Fund of the Republic of Korea. The SIEP has been supporting Presidential Regulation 55/2019, which paved the way for the promotion of EV deployment including charging infrastructure in Indonesia. The proposed TA will support a deployment roadmap, feasibility studies, and implementing regulations on electric charging infrastructure, critical to boost EV deployment. The TA will also help inform the proposed results-based loan for the Sustainable and Reliable Energy Access Program which includes support for EV charging infrastructure in western and central Java.				
Project Rationale and Linkage to Country/Regional Strategy	<p>The Government of Indonesia aims to promote EV deployment and production in Indonesia. In 2019, the President issued regulation number 55/2019 on the Acceleration of EV for Road Transportation. The regulation aims to establish a domestic EV manufacturing industry, including batteries and charging stations. The promotion of electric transportation is a key strategic priority under Indonesia's National Medium-Term Development Plan, 2020-2024, and line ministries are tasked with developing the implementing regulations related to road licensing (Ministry of Transport), battery and charging station standards, and electricity tariffs for EV charging (Ministry of Energy and Mineral Resources), import regulations (Ministry of Industry), and financial incentives (Ministry of Finance).</p> <p>The government's new strategy on promoting electric transportation aims to decrease the number of fossil-fueled vehicles to reduce emissions from combustion engines including carbon dioxide, nitrogen oxides, and sulfur oxides. Nitrogen oxides and sulfur oxides negatively impact air quality and health. In addition, the government is seeking to reduce oil consumption growth and oil imports to enhance energy security. Finally, the government intends to promote an innovative new technology and ensure that Indonesia is included in the new automotive production chain by increasing its local manufacturing capacity for EVs.</p> <p>At present, EVs cannot be road licensed in Indonesia as the implementing guidelines for the Presidential Regulation 55/2019 are still for approval by the respective line ministries. There are only 57 charging stations installed in 35 locations in Indonesia, and most of them are not fast-charging stations; but simple 220 volts for household connections to the grid are available in the majority of households. The TA will assess the government's plan to build 1,000 charging stations for an expected addition of 2,200 electric cars, 711,000 hybrid cars, and 2.13 million electric motorcycles by 2030.</p>				
Impact	The TA will support Indonesia to promote the deployment and production of electric vehicles to reduce carbon dioxide and other emissions from transport fuels				
<b>Project Outcome</b>					
Description of Outcome	Charging infrastructure roadmap for electric vehicles in Indonesia developed				
<b>Progress Toward Outcome</b>					
<b>Implementation Progress</b>					
Description of Project Outputs	Study on charging infrastructure, electricity availability, and tariffs finalized				
Status of Implementation Progress (Outputs, Activities, and Issues)					
Geographical Location	Nation-wide				
<b>Summary of Environmental and Social Aspects</b>					
Environmental Aspects					
Involuntary Resettlement					
Indigenous Peoples					
Stakeholder Communication, Participation, and Consultation					
During Project Design					
During Project Implementation					

Responsible ADB Officer	Kitt, Florian
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Energy Division, SERD
Executing Agencies	Ministry of Energy and Mineral Resources JL. Medan Merdeka Selatan No. 18 Jakarta Pusat 10110

Timetable	
Concept Clearance	-
Fact Finding	22 May 2020 to 22 May 2020
MRM	-
Approval	29 Oct 2020
Last Review Mission	-
Last PDS Update	29 Oct 2020

## TA 6583-INO

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	200,000.00	0.00	0.00	0.00	0.00	200,000.00	-	0.00

Project Page	<a href="https://www.adb.org/projects/54356-001/main">https://www.adb.org/projects/54356-001/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=54356-001">http://www.adb.org/forms/request-information-form?subject=54356-001</a>
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