



KGDTF NEWSLETTER



July 2022

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FEATURE STORY

[Green Mobility in UNESCO World Heritage Sites, Cambodia and Lao PDR](#)



Angkor, the northern province of Siem Reap in Cambodia, and Luang Prabang, the ancient capital of Luang Prabang Province in northern Laos, are the most famous UNESCO World Heritage Sites and tourist destinations in South East Asia. As of 2019, 2.2 million and 742,000 travelers visited Siem Reap, the closest city to Angkor, and Luang Prabang, respectively. While the two areas are the lifeblood and key revenue generators for the national economies of Cambodia and Lao PDR, the increasing numbers of tourists and rapid urbanization, cause **critical mobility challenges**. Large carbon emitters such as motorbikes and tuk-tuks are dominant transport options and contaminate the air. Roads are not well paved to accommodate growing tourists. Unsafe and uncomfortable sidewalks threaten the safety of pedestrians and discourage walking and cycling.

The [Korea Green Growth Trust Fund \(KGDTF\)](#) supported the development of two World Bank Reports through the **Year 7 Grant - Green Mobility for Luang Prabang and Siem Reap** (*TTL: Sombath Southivong, Senior Infrastructure Specialist, East Asia and Pacific Region*) - to address the mobility challenges. The reports present the Green Mobility Strategy and land use policy recommendations which can help to minimize impacts on heritage and historic sites and handle increasing tourists and travel demand more sustainably. The Green Mobility Strategy seeks to reduce the impacts of transport-related carbon emissions and air pollution, introduce e-mobility infrastructure and services including electric tuk-tuks, and promote active mobility such as walking and cycling. *Photo Source (Angkor Wat Temple): ARUP*



Read the recently published World Bank Reports and learn more about how Lao PDR and Cambodia promote green mobility and protect their World Heritage Sites through sustainable transport.

- i) [Lao PDR: Fostering Green Mobility in Luang Prabang](#)
- ii) [Cambodia: Fostering Green Mobility in Siem Reap](#)

KGDTF PROGRAM SPOTLIGHT

[I. Piloting Smart Farm in Mexico - Study Tour to Korea](#)

TTL: Tomas Ricardo Rosada Vilamar (Senior Agriculture Economist), Agriculture and Food PG



Smart farming through smartphones, high-tech gadgets, and artificial intelligence (AI) is gaining much popularity in Korea.

Farmers check their mobile phones to monitor the temperature and humidity of farms and save time and money in growing crops with the help of sensors and self-educating AI that analyzes data to maintain an optimal environment. A delegation from **the World Bank and a Mexican Agriculture Trust Fund (Fideicomiso Instituidos en Relación con la Agricultura, FIRA)** traveled to Korea for a study tour of smart farming from June 20 to 24, 2022.

The **KGTF Year 9 Grant - An Agri-tech Smart Farm Pilot for Greening Growth in Mexico's Post COVID-19 Recovery** - supported the mission to Korea and collaboration activities. The study tour aimed to learn smart farming technology and practices and build partnerships with public institutions and private enterprises in the agri-tech sector of Korea.



FIRA emphasized the importance of considering and adapting smart farming innovations to the Mexican reality and ensuring the economic and financial viability of the solutions to implement in Mexico. The delegation also discussed developing a training course to implement the Smart Farm model and provide technical details regarding equipment installation, implementation of indicators, and data collection techniques. The FIRA-World Bank delegation visited **Gimje Smart Farm Innovation Valley** and **RDA's smart farm testing facilities** to learn ICT-driven smart agriculture strategy, big data analysis, and real-time monitoring of crop growth. Explore more what they discussed during the study tour.

- i) [Policy Direction on Smart Agriculture of Korea](#)
- ii) [Agricultural R&D of RDA, Korea](#)

[II. Sustainable Transport: Motorization Management for Development](#)

TTL: Roger Gorham (Senior Transport Specialist), Middle East and North Africa Region



Private vehicles are the symbol of wealth and social status in the developing world. For low- and middle-income people who aspire to own their vehicles and improve access to goods and services, used cars and motorbikes are particularly attractive options. However, **high motorization with second-hand vehicles in many developing countries raises questions about transport sustainability.** Poor regulations and insufficient policy initiatives that fail to manage the quality and quantity of used cars on the road **severely affect air quality, road safety, and greenhouse gas emissions.**

MOTORIZATION MANAGEMENT FOR DEVELOPMENT

An Integrated Approach to Improving Vehicles for Sustainable Mobility

Lead author: Roger Gorham
Contributors: Dhan Bhat, Maria Cordeiro, Georgan Daniels,
John Hooper, Gaurav Mishra, Sushant Mishra, and Sri Sri



The World Bank recently published a report, [Motorization Management for Development: An Integrated Approach to Improving Vehicles for Sustainable Mobility](#), supported by the **KGTF Year 2 Grant - Africa Sustainable Transport Forum**. The report presents the **Motorization Management framework** to support the development of policies and measures aimed at managing vehicle stocks. The framework focuses on five policy outcomes such as road safety, air quality, climate mitigation, sustainable transport and lifestyles, and fiscal stability for continued resource mobilization.

The report underlines the role of international organizations in strengthening the international framework governing the cross-border trade in second-hand vehicles and facilitating the adoption of motorization management approaches through ODAs. Learn more about sustainable transport for development in the World Bank Blog, [To decarbonize transport, help developing countries deal with junkers, clunkers and jalopies.](#)

NEWS



Dr. Hyoung Gun Wang, KGGTF Program Manager, and Kwangchul Ji, Senior Economist of the KGGTF, attended the [FAO-KMI First Consultation Meeting with Stakeholders in the Fisheries Sector](#) on July 13, 2022. The meeting was jointly hosted by the FAO Partnership and Liaison Office in the Republic of Korea and the Korea Maritime Institute. The meeting was held to build cooperation networks, strengthen the relationship with Korean fisheries partners, and seek future collaboration opportunities. Dr. Wang was invited to share knowledge and experience in KGGTF grants on the fisheries sector to support sustainable fisheries and the Blue Transportation Roadmap (2022-2030).

RECENT EVENTS



Korea Environmental Industry and Technology Institute (KEITI) hosted the **1st Korea-Multilateral Development Bank (MDB) Green Cooperation Forum** on May 24, 2022. The forum introduced MDB's green cooperation projects, climate business opportunities, and Korea's policies and practices on the circular economy. Speakers at three sessions of the forum discussed key issues and future cooperation by sharing major outcomes achieved through Korea and MDB cooperation projects. KEITI

recently shared the video links of the forum's highlights and sessions on YouTube.

[Watch the highlight of the 1st Korea-MDB Forum.](#)

[Watch the Opening Session.](#)



Second High-Level International Conference on the International Decade for Action "Water for Sustainable Development", 2018-2028

[The Second International High-Level Conference on the International Decade for Action "Water for Sustainable Development" 2018-2028](#) was held by the Government of Tajikistan and the United Nations on June 6-9, 2022. The Conference focused on how governments, the UN, international organizations, the private sector, and civil society organizations could stimulate water action and partnerships and implement the goals of the 2030 Agenda for Sustainable Development and the Paris Climate Agreement. Participants discussed the key role of water and sanitation and science-based tools in addressing the COVID-19 crisis and water-borne diseases.

UPCOMING EVENTS



[The World Water Week 2022](#) will be held from August 23 to September 1, 2022, in Stockholm, Sweden, on the theme of [Seeing the Unseen: The Value of Water](#). The conference will offer around 300 sessions on a broad range of water-related topics, from food security and health to agriculture, technology, biodiversity, and the climate crisis. Participants will discuss the pricing of water, indigenous knowledge, and human rights, and draw attention to the unseen water in aquifers and the soil. The meeting will also be a platform to explore the value of water from many different perspectives on how improved water management and governance can help to achieve the 2030 Agenda and the global Sustainable Development Goals.

KGGI WBG KOREA OFFICE GREEN GROWTH INNOVATION TEAM



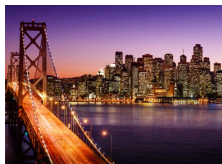
The Energy and Extractives Team, EEX

The EEX team is discussing with KEPCO on co-organizing WB Energy Forum 2022 on Energy Transition and Global Recession at Bitgaram International Expo of Electric Power Technology in Gwangju. The team is also planning to co-organize the Closing Workshop (November 7-9) on the Pacific Island Countries (PIC) E-mobility and Battery Energy Storage System with Jeju Research Institute (JRI) in Jeju. The team is planning to hold EAP Energy Transition Conference in early December in conjunction with the KGGTF 10th-anniversary event.



The Environment Team, ENB

The ENB team has prepared to host a webinar on "Marine renewable energy projects – environmental and social impacts." The webinar will provide an overview of the potential adverse environmental and social impacts of marine renewable energy projects, including offshore wind and tidal generation projects.



The Urban, Resilience, and Land Team, URL

[Smart and Green cities](#) - A smart city leadership knowledge program is being prepared in collaboration with MOLIT and Global Smart City Program for August 30 – September 2, 2022.

[ICT-based Land and Property Valuation in ASEAN](#) – National case studies on property valuation are well underway, and will be completed in Fall 2022. The team is completing analytics for several countries in Indonesia, Malaysia, Thailand, and Vietnam. A roadshow on property valuation in ASEAN will be carried out in 2022. A digital mass valuation pilot in Indonesia has been designed and implementation will commence following the conclusion of an ongoing procurement process.

KGKTF K-PARTNERS



K-Partner Newsletters

KIAT - Korea Institute for Advancement of Technology
[Newsletter, July 2022 \(Korean\)](#)

KOTI - Korea Transport Institute
[Newsletter, July 2022](#)

About KGGTF

The Korea Green Growth Trust Fund is a partnership between the World Bank Group and the Republic of Korea, established in 2011 to support client countries as they shift to a green development path. Both partners share a common goal to reduce poverty and promote shared economic prosperity in an environmentally responsible and socially inclusive way.

The Trust Fund finances on-the-ground programs as well as knowledge exchange activities, and to date, has approved 180 programs. Based on strong performance, as well as increasing demand for collaborative development implementation programs, the fund now stands at US\$138 million.

For more information about KGGTF activities please visit our website www.wbgkgtf.org.

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