

CTCN PALO-CIFAL Jeju-KIER 2026 Learning Visit Programme on Energy Storage System

1(Tue.)-4 (Fri.), September 2026, Songdo and Jeju, Republic of Korea

Concept Note

Background and objectives

For the past 12 years, the Climate Technology Centre and Network (CTCN) has facilitated the development and transfer of environmentally sound technologies for low carbon and climate resilient development at the request of developing countries. Implementing the mandate of CTCN, we have focused on the stimulation of technology cooperation and enhancement of the development and transfer of climate technologies to developing countries. Taking its mandate, CTCN has supported over 110 countries benefited from climate technology innovation, transfer, and knowledge sharing to date.

One of the main objectives of the CTCN Partnership and Liaison Office (PALO) launched on 21 July 2022 is to strengthen existing efforts on innovation and collaborative research, development, and demonstration (RD&D) through greater collaboration with various organizations working on climate change issues. The specific role for the objective is to serve as a Centre of Excellence on Research, Development, and Demonstration (RD&D) on climate technologies. There is no doubt that one of the key actors in national systems of innovation, and RD&D of climate technology is research institutes and universities as well as the private sector. One of many ways of collaborative RD&D is to train human resources through learning visits or exchange programme or joint RD&D projects and activities among researchers, research institutes and universities.

The global RD&D demand survey executed in 2024-2025 has identified 41 National Designated Entities (NDEs, technology focal point to the UNFCCC) who are interest in participating learning visit programme on Energy Storage System (ESS). By region, 17 from Asia¹, 15 from Africa², 6 from LAC³, and 3 from Oceania⁴ indicated their interest to offer knowledge exchange opportunities to national climate experts on ESS. Based on this information, the CTCN organized cRD&D Bride-building workshop on Energy and Environmentally-sound technologies in conjunction with 2024-2025 World Climate Expo in Busan. During these workshops, invited 23 NDEs were introduced to the concept of cRD&D, CTCN's cRD&D strategy, exchanged country status, and most importantly, explored emerging technologies that could be a fit to their country's ESS research and development landscape.

CTCN continues the operation of learning visit programme with the topic of Energy Storage System in 2026. The programme expect to host 32 participants, ideally 1 NDE and 1 researcher from 4 Small Island Developing States, Asia, Latam, and Africa region.

¹ Kazakhstan, Iran, Mongolia, Vietnam, Malaysia, Sri Lanka, Kyrgyz Republic, Thailand, Israel, Uzbekistan, Tajikistan, Armenia, Syria, State of Palestine, Cambodia, Maldives, Timor-Leste.

² Malawi, Somalia, Algeria, Zimbabwe, The Gambia, Tunisia, Senegal, Chad, Republic of the Congo, Gabon, Côte d'Ivoire, Ethiopia, Uganda, Sudan, South Africa.

³ Suriname, Paraguay, Panama, Grenada, Belize, Saint Kitts and Nevis.

⁴ Papua New Guinea, Samoa, Palau.

Expected Outcomes

1. Enhanced endogenous capacity and knowledge, and human resources on Energy Storage System of NDEs and researchers and professors of developing countries
2. Identified and implemented North-South, South-South and triangular RD&D collaboration activities and projects
3. Strengthened collaborative RD&D in respective country

2026 Programme

1. Dates and venue: 1-4 September, 2026, Jeju, Republic of Korea
2. Co-hosting organizations: Korea Institute of Energy Research (KIER), United Nations Institute for Training and Research (UNITAR) CIFAL Jeju
3. List of countries invited
 - Africa - Liberia, Somalia, The Gambia, Tanzania, Chad, Lesotho, Cote d'Ivoire
 - Latam - Mexico, Peru, Venezuela
 - Asia - Kyrgyzstan, Kazakhstan, Tajikistan, Timor-Leste
 - SIDS - Fiji, Papua New Guinea, St Kitts and Nevis, Haiti

Tentative Schedule

	31 Oct (Mon.)	Day 1 (1 Sep) (Tue)	Day 2 (2 Sep) (Wed)	Day 3 (3 Sep) (Thu)	Day 4 (4 Sep) (Fri)	5 Sep (5 Sep) (Sat)
		Venue: KIER-Jeju Technology		Venue: UNITAR CIFAL Jeju Policy and Finance		
Morning	Arrival	<p>Opening Ceremony:</p> <p>Welcoming Remarks: Jeju Member of the Jeju Provincial Council</p> <p>Opening Remarks: UNITAR CIFAL Jeju Director Mr. Sungchul Shin</p> <p>Congratulatory Remarks: KIST Representative</p> <p>Introductory Remarks: CTCN Representative</p> <p>Leaders Roundtable</p>	<p>Lecture 3</p> <p>KIER Renewable Energy Ecosystem & Energy Storage System in Namibia</p>	<p>Lecture 5</p> <p>Enabling Mechanism 1: Policy Support</p>	<p>Lecture 7</p> <p>Implementation Mechanism: Climate finance (UNEP Finance Unit)</p>	Departure

		Keynote Lecture: Hwanil Park, Senior Research Fellow, STEPI				
Lunch Break				Lunch & Jungmun Culture Tour	Lunch Break	
Afternoon 1	Arrival	Lecture 2 Jejudo, Director of Energy Industry Networking Session: Country Status Sharing & Analysis	Lecture 4 ESS and Energy Grid Integration (Prof Jongbo Ahn, KETEP)	Lecture 6 Enabling Mechanism 2: Incubation and accelerator Jeju Culture & Heritage Session (Environmental conversation)	Participation Session: Idea Note Creation 2	Departure
Break						
Afternoon 2	Arrival	Lab Tour & Reflection	Seong-eup, Microgrid village Lab Tour & collaboration Discussion	Participation Session: Introduction to Idea Note Creation	Presentation (Action points) & Wrap-up & Closing	Departure
Dinner		Welcome Dinner	Networking Reception with Reflections, Q&A, and Expert Consultation	Dinner (Free)	Dinner (Free)	
Travel at/to			Travel to Jungmun			