

Capacity Building on Integrating Energy Technologies

2026 Joint Programme: Asia NDE Forum, Capacity Building, NDE-
NDA coordination meeting, 7-10 July 2026

Jeawon Kim
CTCN Secretariat





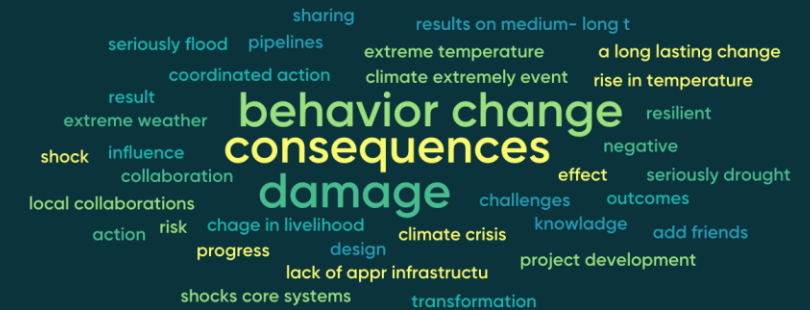
Chalerm Kokanutaporn

*Chief of Executive, Director, Thai Eastern Group
Holdings PCL*

Why Are We Here today

- Climate challenges are increasingly interconnected
- Solutions require coordination across sectors, institutions, and technologies
- Energy transformation offers opportunities for integrated climate action
- 1.5-day programme focuses on practical learning, peer exchange, and identifying opportunities for implementation

What is an impact to you?



Why do we need an impact?

To ensure resilience	Better understanding the situation so it helps with a better planning	To measure success of a project
Measurement the action	Transformational change	For better future and for my daughter
To enhance our resilience and to be able to adapt	Sustainability	To overcome the Loss and damage
In order to support climatic goals	For more resilient environment	Purpose and Justification Sustainability and Relevance Decent life to all No one left behind
To better the lives of global citizens in the long run	To create desirable change and to build resilience to change	

Mentimeter.com

Code 1615 8090

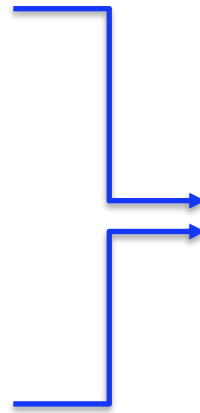


Common Challenges

- Climate risks
- Resource pressures
- Coordination gaps
- Competing priorities

Opportunities

- Stronger resilience
- Better resource efficiency
- Cross-sector benefits
- More impactful investments
- Scalable solutions



Role of NDEs

- Connecting sectors and institutions
- Leading integrated technology planning
- Identifying technical assistance opportunities
- Strengthening regional action

Key Insights from Asia NDCs and Technology Priorities

- **Energy efficiency** as a tool to strengthen endogenous capacity development
- Strong demand for **capacity building** that:
 - Enhances the application of AI-related technologies
 - Reduces fragmentation application and duplicated projects
- Emphasis on emerging institutional readiness to move from automation toward **data-driven and adaptive system management**.

Regional Priority Technologies

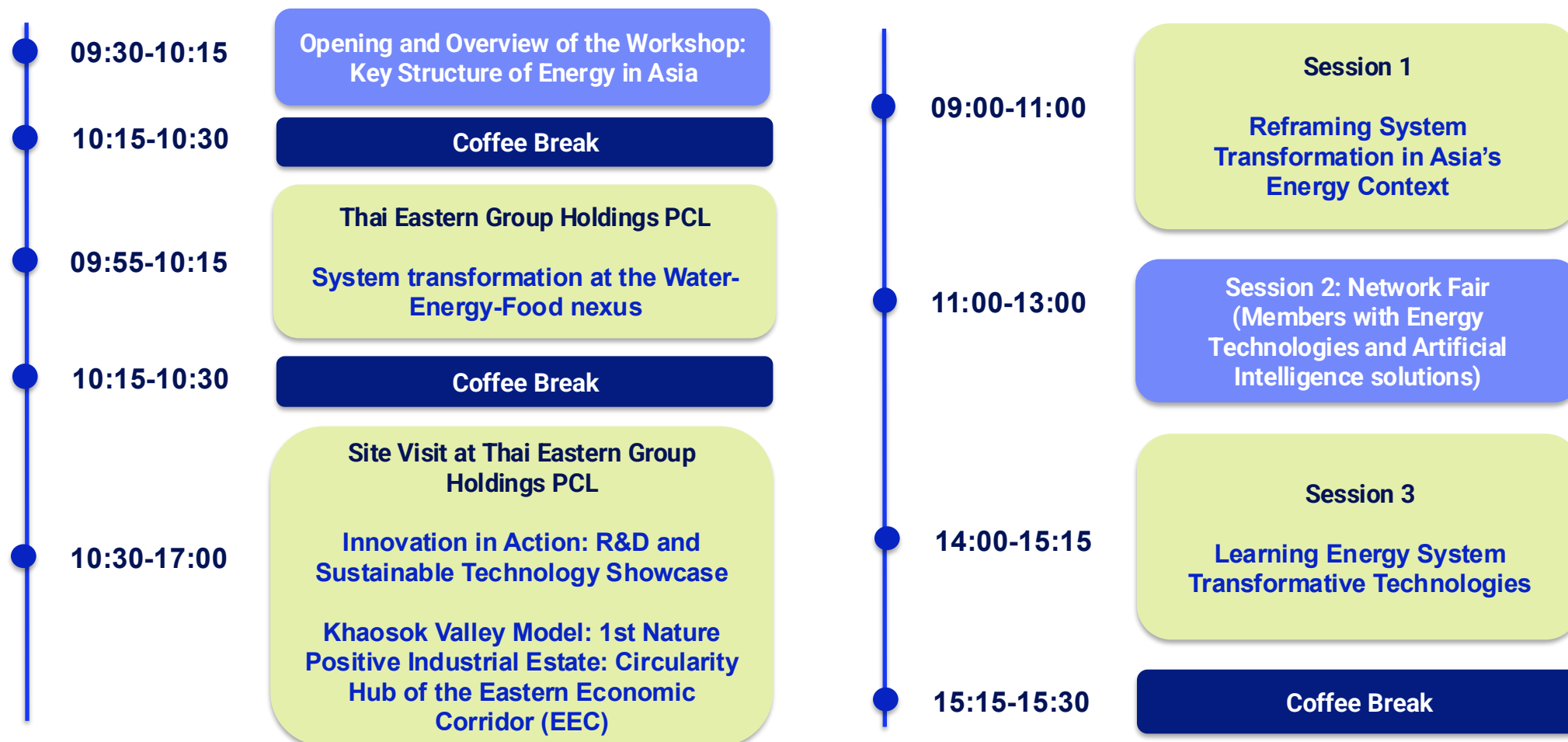
Energy

- Transport
- Power generation
- Optimal energy consumption in plantations
- Grid-connected solar energy

Overall Regional Trend

- Increasing readiness for **system transformation through integration**
- Strong relevance to link production, energy, and planning systems rather than being deployed in isolation

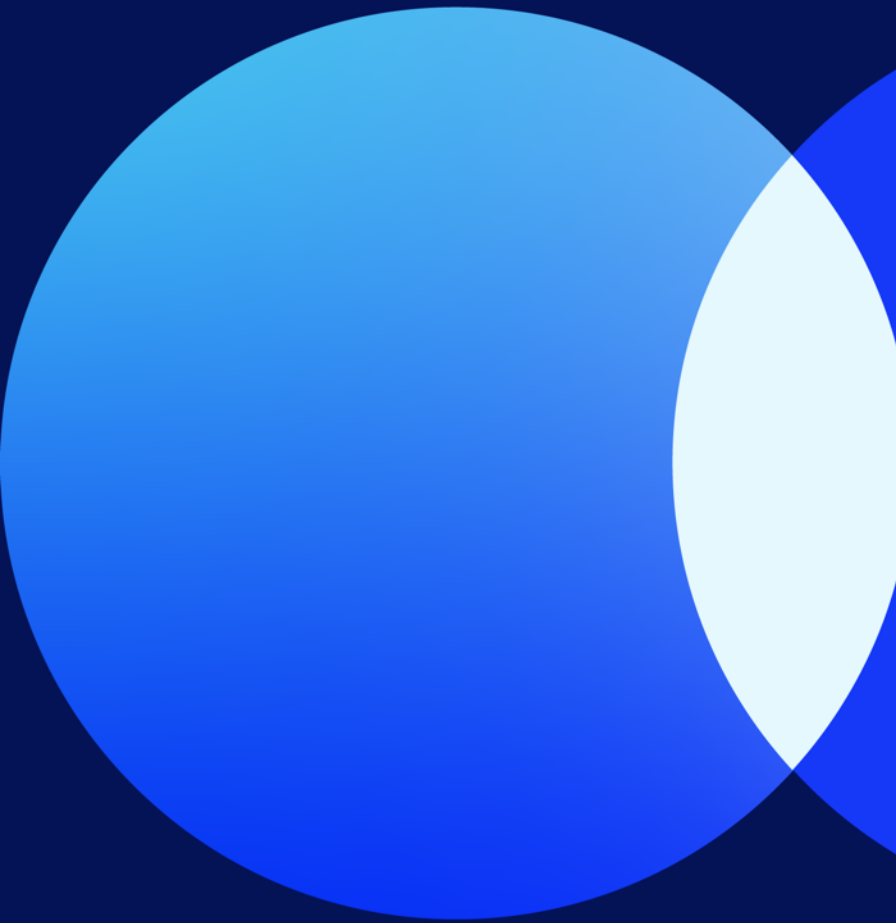
1.5-day workshop schedule





Powering Asia: The Architecture of Energy in the Deployment Decade

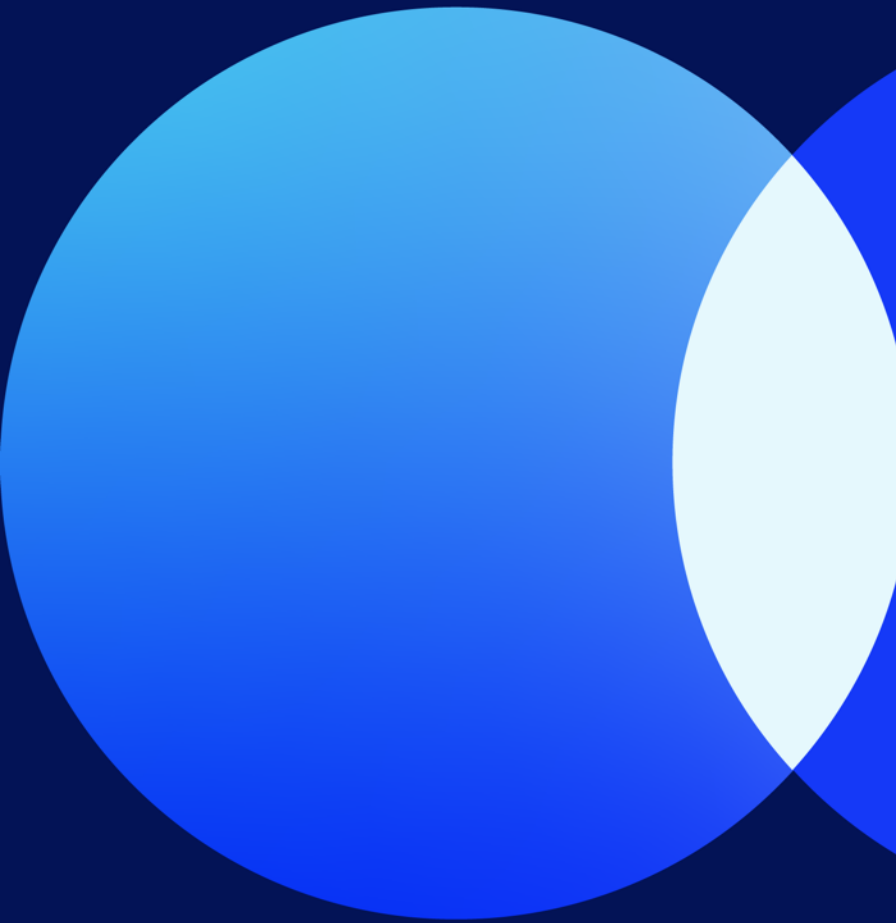
Andrew Chang
Chief Executive Officer
New Energy Nexus



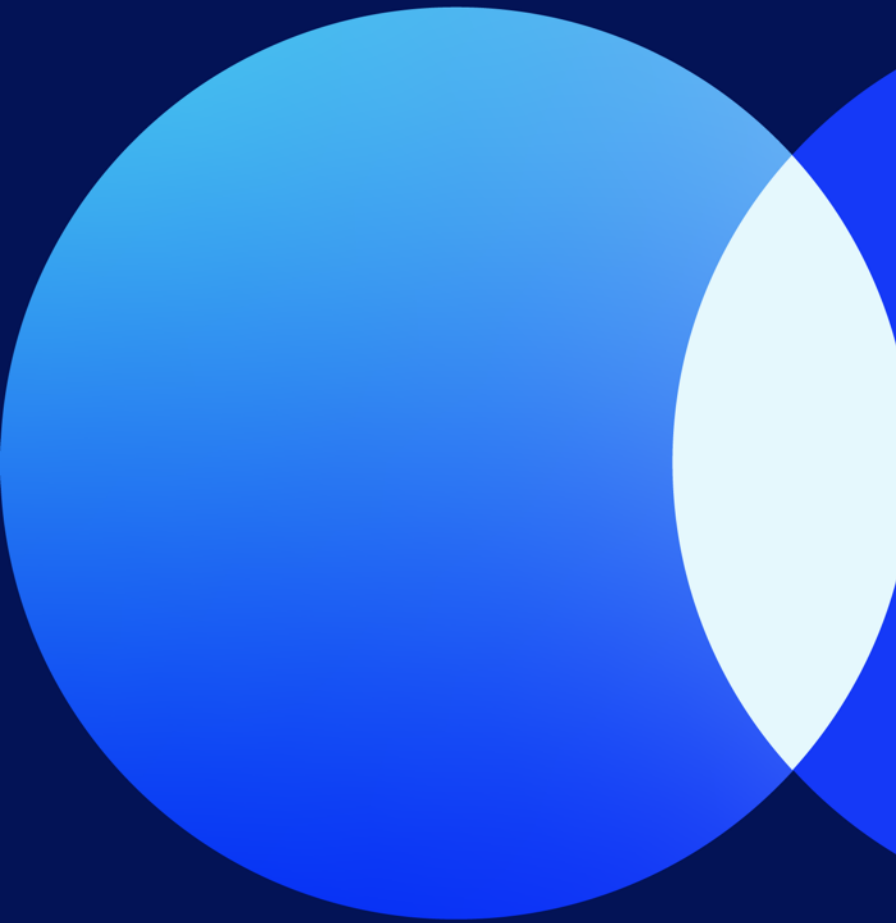
**Coffee break
(10:15~10:30)**

Site visit at Thai Eastern Group Holdings PCL

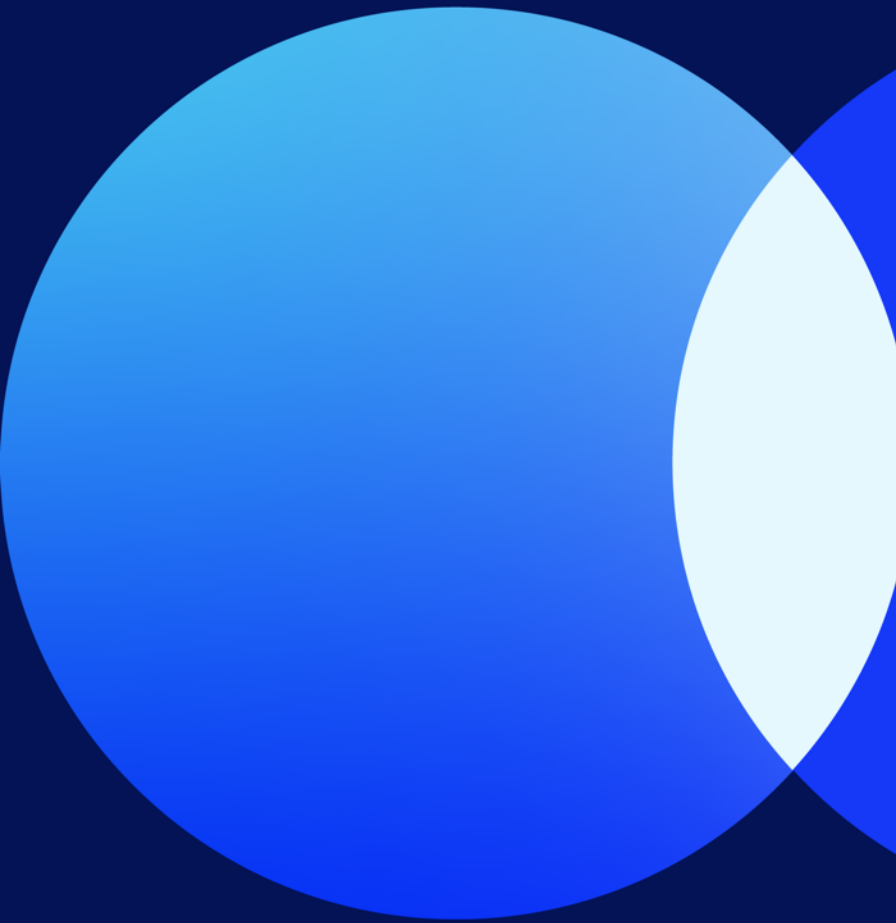
**TEGH Presentation
Innovation in Action
Khaosok Valley Model**



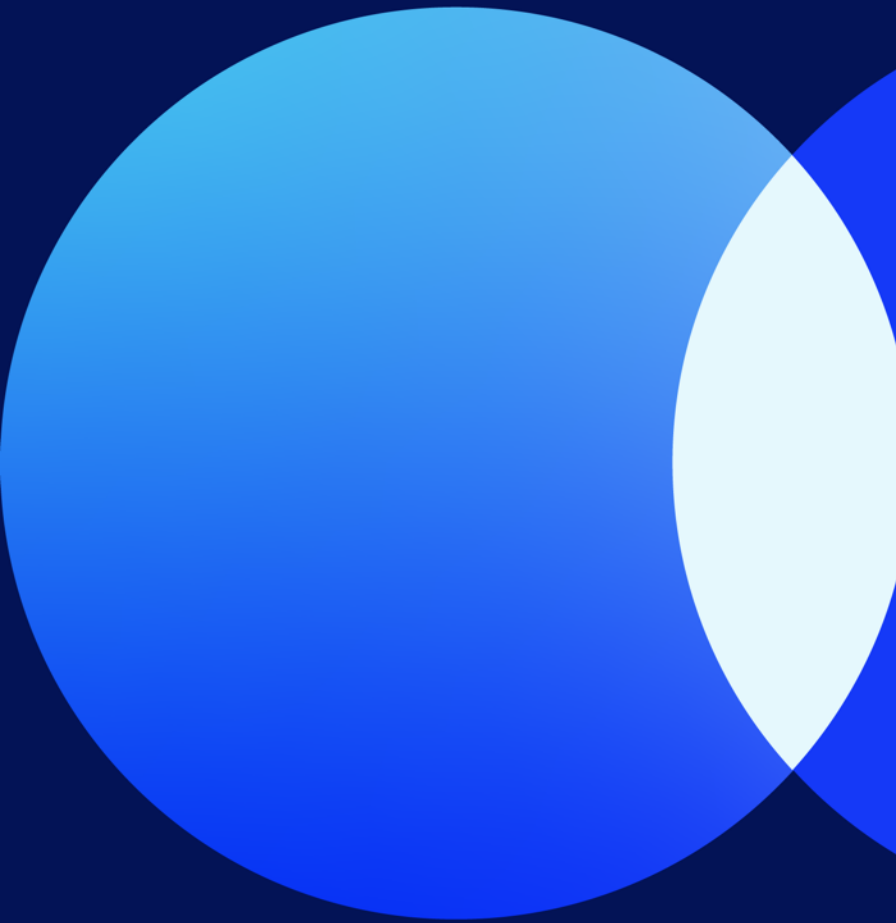
Lunch break
(12:00~13:00)



**Reflections, comments,
summary among NDEs
(14:00~14:30)**



**Coffee break
(14:30~14:45)**



Transfer to Pullman Pattaya Hotel G



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