

Showcasing country and regional updates as we drive sustainable solutions to advance low carbon buildings across Asia.

Project Updates



Low Carbon Buildings Training Program for Financial Sector in Cambodia on September 16, 2025.



BEAT Training on September 30, 2025.



Promotional video on the building energy assessment in Cambodia.

Cambodia

Subnational Building Assessment: A total of 203 buildings have undergone deep-dive assessments through walk-in audits and site visits. Data from 10 buildings have been integrated into the national baseline of the Building Emission Assessment Tool (BEAT). Results from 80+ energy audit and post-audit implementation framework were presented during a stakeholder engagement workshop.

Policy Recommendations: The Cambodia Green Building Report draft is under review for submission to the Ministry of Land Management, Urban Planning, and Construction (MLMUPC). Net Zero Buildings (NZB) Scenario Modeling was also presented to the Ministry of Mines and Energy, with consultations conducted with over 30 participants from the General Department of Energy, to incorporate the model into the broader energy planning and emission forecasting from the overall energy sector. A technical report on "Pathway to Low Carbon Buildings in Cambodia" was published, analyzing current policy landscape and institutional framework, identifying existing gaps, and providing recommendations on actionable policy tools to promote LCB in Cambodia.

LCB Training Program: The third training, targeting the finance and banking sector, was held in September. Meanwhile, translation of the training modules to Khmer language has been completed and will be made available on the project website in Q4. A BEAT Training was also held on September 30, with over 50 participants from across the building sector.

Knowledge Sharing & Engagement: Building stakeholder engagement workshop organized in Phnom Penh on July 22, convening over 60 participants, including government officials, building developers and owners, industry associations, and technical experts. A national consultation workshop is planned for October 8.

Technical Advisory Committee (TAC): Second TAC Meeting held on July 2, in coordination with MLMUPC.

India

Subnational Building Assessment: Data collection for 246 of 300 new and existing buildings has been completed, covering Kerala (80/80), Haryana (56/110), and Uttar Pradesh (110/110). BEAT trials have been finalized for 221 of these buildings. Additionally, 19 building owners have expressed interest in participating in the project's assessment activities.

Policy Recommendations: Policy Recommendations for Promotion of Low-Carbon Buildings in India report was launched at the International Workshop on Energy Efficiency, Conservation & Transition for Net Zero in Kerala on September 9, with participation from over 35 stakeholders. The Subnational Building Registry & Carbon Assessment in India – Approach and Key Recommendations report was also launched on August 27.

LCB Training Program: In Q3, 9 training sessions were conducted across India, benefiting over 1,000 building professionals. Endorsement letters have been received from four universities in project states, and the University Gap Assessment Report has been drafted and is under review.

The first BEAT training program was held in Hyderabad in September.

Knowledge Sharing & Engagement: A roundtable discussion on "Bridging the Data and Policy Gaps for Low-Carbon Buildings Transition & Cooling Solutions in India" was held in Indore on August 1, and a workshop on "Kerala's Buildings Registry & Low-Carbon Transition" was co-hosted with EMC Kerala was held on August 27.

TAC and PSC Update: The first Project Steering Committee Meeting was held in New Delhi on August 29, and the fifth TAC meeting was held on July 10, both in collaboration with the Bureau of Energy Efficiency, Ministry of Power and the Building Materials and Technology Promotion Council, Ministry of Housing & Urban Affairs.



Workshop on "Kerala's Building Registry & Low-Carbon Transition," August 27, 2025.



ALCBT-GGGI India at CoOL Conclave by ISHRAE 2025, Indore, August 01, 2025.

Indonesia

Subnational Building Assessment: The Inception Report will be consulted with the Ministry of Public Works (MPW), the Ministry of Energy and Mineral Resources (MEMR), and stakeholders in Jakarta and Semarang, followed by a kickoff meeting with subnational governments planned in Q4.

Policy Recommendations: A stakeholder consultation on the NZB Scenario Model has been completed with the MPW and MEMR, with revisions underway based on feedback. Financing the Building Sector Decarbonization: Country Report has been drafted, and the review process is ongoing.

LCB Training Program: First batch of training for government stakeholders was conducted in-person on July 8-10. Training module workshop for the Indonesian context was held in August, with representatives from MPW, MEMR, and implementing and local training delivery partners. A Training of Trainers was also conducted on September 17-18, involving 20 master trainers. Additional trainings for government officials, as well as on energy auditor and energy manager competencies, are planned for October.

Knowledge Sharing & Engagement: An exhibition booth was organized and ALCBT organized a consultation workshop and training sessions on the sidelines of the Refrigeration and HVAC Indonesia Expo 2025 in Jakarta, held on September 24-26.

Thailand

Subnational Building Assessment: Energy Use Intensity (EUI) data were collected in coordination with the Department of Alternative Energy Development and Efficiency (DEDE), with analysis ongoing to align with the MRV tool development. Integration of Carbon Footprint (CFP) data into BEAT is also underway. The Thailand Greenhouse Gas Management Organization (TGO) supported in automatic data transfer, and a sample dataset is being reviewed. Data cleaning and restructuring are ongoing to ensure consistency before full integration.

Policy Recommendations: Criteria for Green Public Procurement Guidelines for Energy Efficient Air Conditioners, along with an Excel-based tool, were circulated to implementing partners on June 23. Regional and national guidelines were developed based on these criteria.

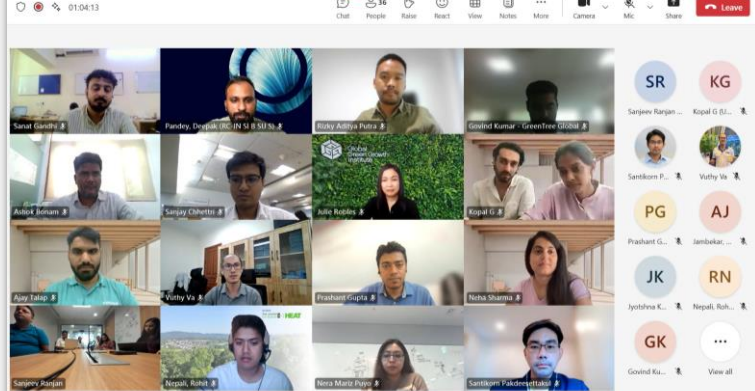
LCB Training Program: The first batch of training in Thailand is scheduled for December 2025 in Bangkok. A concept note for integrating LCB modules into university syllabi in Thailand has been developed. Discussions with King Mongkut's University of Technology Thonburi (KMUTT) are underway to begin implementation by the end of 2025.



Knowledge-sharing and Stakeholder Engagement: A consultation workshop on Green Public Procurement Guidelines and the ESCO Market Assessment & On-Bill Financing Readiness is scheduled for October 28.

TAC Updates: TAC Techniques and TAC Investment meetings are planned for October.

Regional Updates



Regional Webinar on Cooling-as-a-Service (CaaS) on July 7, 2025.



ALCBT at the Refrigeration & HVAC Indonesia Expo 2025 at the Jakarta International Expo, September 24-26, 2025.

ASEAN Centre for Energy (ACE)

- Regional One-Stop-Shop Platform:** ASEAN BUILT launch planned for October, during the ASEAN Energy Business Forum (AEBF) 2025 in Kuala Lumpur, Malaysia. The project will also organize an exhibition booth and investment matchmaking corner with live demos of ASEAN BUILT and BEAT.
- Green Public Procurement (GPP):** Regional and national-level GPP Guidelines for Energy Efficient Air Conditioners developed and under review. Stakeholder consultations in Indonesia and Cambodia, upcoming in Thailand. Preparations are underway for finalizing the national consultations and aligning them toward the development of regional GPP guidelines.
- ESCO Market Assessment and On-Bill Financing Readiness** of ASEAN countries drafted. ALCBT country reports and a regional summary are being prepared and will be updated following national consultations.
- LCB integration into university syllabus:** Discussions with the ASEAN University Network are underway to integrate LCB modules into university syllabi in Indonesia and Thailand.

Global Green Growth Institute (GGGI)

- Building Assessments:** A total of 449 buildings have completed deep-dive assessments out of a target of 550 (250 in Cambodia and 300 in India). BEAT has been applied to 231 buildings, while in Indonesia, a kickoff meeting was held in September to initiate the building assessment.
- Policy Recommendations:** The NZB Scenario Modelling and final policy recommendations report have been completed for India, while consultations and refinements are ongoing for Cambodia and Indonesia.
- Financial Pathways:** Regional financial model under development for the preparation of bankable projects. Meanwhile, engagement with domestic bank associations, financial institutions, and government partners is ongoing across all project countries for the Green Finance Network (GFN) set-up. A country-level financial landscape publication has been released for Thailand in July, with reviews underway for Cambodia and Indonesia.
- Knowledge Sharing:** Seven publications at ALCBT website in Q3. ALCBT Project selected to be featured at AsiaXchange 2025 hosted by the Rockefeller Foundation to be held in October in Jakarta.

Energy Efficiency Services Limited (EESL)

- Cooling-as-a-Service (CaaS):** Following the model's development completion in April, a regional webinar and consultation were held on July 7, and its brochure was launched during the Building Registry Workshop in Kerala on August 27.
- ESCO Market Engagement and Implementation Planning:** The ESCO Market Engagement Report has been developed and is under review by implementing partners. Country-specific strategy reports have also been circulated. Memorandums of Understanding (MoUs) have been signed with six building owners, and discussions are ongoing with several educational institutions in Noida and Greater Noida to advance collaborative and implementation planning. Pilot procurement for 100 buildings underway.
- Stakeholder Identification and Engagement:** Stakeholder mapping is ongoing. In Kerala, data from 408 buildings are being assessed, with a shortlisting methodology under development. EESL, in collaboration with EMC Kerala, is gathering available audit data. Training programs planned for October in Cambodia and India.

HEAT International GmbH

- Building Emission Assessment Tool (BEAT):** Trainings on the tool and web platform held in Cambodia, India, and Indonesia, reaching over 200 stakeholders across different sub-sectors of the building industry. Benchmarking work is underway, analyzing data from building assessments in Cambodia and India to develop building performance benchmarks. BEAT brochure published in July.
- MRV Tool:** Standalone version drafted; consultations to begin in Q4, and trainings planned from February 2026.
- Building Taxonomy:** A regional blueprint has been drafted in September and shared with national experts. Stakeholder consultations are planned for mid-2026.
- Policy Recommendations:** The Embodied Carbon Policy Review Report for Cambodia has been developed and is under review, while similar reports for India and Indonesia are currently being drafted.

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