



United Nations Industrial
Development Organization (UNIDO)
International Business

Unlocking global environmental benefits through clean technology innovation and entrepreneurship



DA NANG, 24 June 2018 – Innovative cleantech solutions were presented today during a side event hosted by the United Nations Industrial Development Organization (UNIDO) at the [6th GEF Assembly](#).

The participants explored the needs and opportunities for the clean technology innovation and entrepreneurship ecosystems in developing and emerging economies, among others by drawing from the experience and knowledge accumulated by the [UNIDO/Global Environment Facility \(GEF\) Global Cleantech Innovation Programme \(GCIP\)](#).

“UNIDO is working with partners to identify opportunities for our Member States to create ecosystems that support industrial transformation that enables the emergence of businesses and industries along the clean energy value chain,” said Tareq Emtairah, Director of UNIDO’s Department of Energy. “We believe that to truly accelerate the energy and climate paradigm shift, developing and emerging economies need to be fully engaged in the energy transition. UNIDO’s approach is to promote an alternative development trajectory conducive to business models that prioritize both profit and environmental concerns.”



Two cleantech startups supported by the GCIP showcased their technology solutions at the side event. PAC Corporation from Thailand presented a water heater that recycles the heat generated by air conditioning systems without using electricity thereby helping reduce electricity consumption of air conditioning systems by 10 per cent and heat transfer to the atmosphere by 15 per cent. Agnisumukh from India showcased an energy efficient cook stove solution for commercial kitchens using radiant heat gas burner technology with tested and certified thermal efficiency of between 65-68.9 per cent compared to conventional commercial gas burners, and efficiency rating between 36-45 per cent.



Experts working in the field of climate innovation, entrepreneurship, and investment exchanged views on the enablers of robust ecosystems for innovation and entrepreneurship that can give rise to a start-up and SME sector, and the positive climate impact expected through commercialization of the innovation solutions.



Geeta Batra, representative from the GEF Independent Evaluation Office, highlighted the impact of the GCIP in India: “Through the GCIP, GEF is supporting an accelerator program for technology-based startups and SMEs in developing countries to achieve global environmental benefits. Preliminary independent evaluation findings suggest that the value of the GCIP is its direct reach and engagement with the SME sector. The findings also indicate that the sustainability of the entrepreneurial ecosystem is enhanced when national ownership is strong.”

Thitapha Smitinont, Executive Vice President of Thailand’s National Science and Technology Development Agency, added: “In partnership with the GEF and UNIDO, the National Science and Technology Development Agency is promoting cleantech innovation ecosystems as a key driver for socially and environmentally inclusive economic growth. In addition to greenhouse gas emission reductions, the technology innovations fostered under GCIP provides market solutions to challenges such as water efficiency, soil protection, and waste beneficiation. The cleantech industry also contributes to job creation and supports women entrepreneurs.”



Find out more about the [Global Cleantech Innovation Programme \(GCIP\)](#).

For more information, please contact:

Alois Mhlanga

Chief

UNIDO Climate Technology and Innovations Division

Sources : <https://www.unido.org/news/unlocking-global-environmental-benefits-through-clean-technology-innovation-and-entrepreneurship>