



**Title:** Global South Collaboration for Clean Mobility and Energy- Efficient Appliances.

**Date:** 25<sup>th</sup> February 2026 (Wednesday)

**Time:** 12:00 pm to 13:30 pm

**Venue:** Taj Palace, Chanakyapuri, New Delhi

### **Problem statement and state of play**

Cross-border energy cooperation has historically focused on the supply side, yet in the Global South, rising energy demand is increasingly driven by appliances and transport. Without demand-side efficiency, countries risk locking in high-cost, import-dependent, and energy-intensive growth. Evidence from the Global South shows that coordinated efficiency action works: alignment on vehicle efficiency standards has reduced fuel use and operating costs while supporting competitiveness, and in appliances, strong policies combined with market transformation tools such as bulk procurement have lowered prices and expanded access to efficient technologies.

However, globally traded appliance markets and uneven domestic capacity leave many countries exposed to dumping of inefficient products and rising consumer energy costs. Cross-border collaboration through standards harmonization, shared testing infrastructure, and demand aggregation can address these gaps. India's leadership demonstrates how energy efficiency can deliver affordability, energy security, and globally competitive manufacturing, offering a scalable model for South–South cooperation.

### **Objectives of the thematic track**

The thematic track aims to position cross-border demand-side cooperation on energy efficiency as a strategic tool to enhance trade, affordability, and energy security in the Global South, while showcasing India's leadership and enabling South–South peer learning.

### **Questions**

- How can cross-border harmonization or mutual recognition of appliance efficiency standards enhance trade, export competitiveness, and energy security while preventing dumping of low-efficiency products?
- What role can demand aggregation and coordinated procurement play in reducing costs, improving affordability, and accelerating access to efficient appliances across regions?
- What lessons from Global South experiences in appliances and transport demonstrate the value of coordinated efficiency action for consumers, utilities, and industry?
- How can India's experience in standards, market transformation, and large-scale procurement be leveraged to support South–South collaboration on energy efficiency?

### **About the World Sustainable Development Summit (WSDS)**

The World Sustainable Development Summit (WSDS) is the annual flagship Track II initiative organized by The Energy and Resources Institute (TERI). Instituted in 2001, the Summit series has a legacy of over two decades for making ‘sustainable development’ a globally shared goal. The only independently convened international Summit on sustainable development and environment, based in the Global South, WSDS strives to provide long-term solutions for the benefit of global communities by assembling the world’s most enlightened leaders and thinkers on a single platform. The 25th edition of the annual flagship event of The Energy and Resources Institute (TERI)—the World Sustainable Development Summit (WSDS)—will be held from 25-27 February 2026 in New Delhi. The deliberations of the Silver Jubilee edition of the Summit will focus on the umbrella theme of Parivartan: Transformations: Vision, Voices and Values for Sustainable Development.