

About the Session

With the ambitious goals set forth at COP28, UAE and G20 New Delhi Leaders' Declaration, the urgency to double global energy efficiency by 2030 is crucial, not merely a suggestion. Yet, as the first global stocktake reveals, we're falling short. The International Energy Agency (IEA) makes it clear: energy efficiency improvements alone could drive over 40% of the emissions reductions needed by 2040. However, in the Global South, translating these targets into action remains a complex challenge — from resource constraints to regulatory limitations — that can impede progress on tracking and accelerating energy efficiency improvements.

In this context, the session will address how countries in the Global South can better track and double energy efficiency gains. Here, we will tackle the gap head-on. Current efficiency gains of 1.9% per year are simply not enough; we need a pace of 4% annually to stay aligned with climate targets. This session will emphasize and explore actionable frameworks needed to bridge that gap — from deploying robust monitoring and verification (M&V) systems to harnessing real-time data analytics. By building these tracking mechanisms, countries can capture an accurate picture of their progress, make agile policy adjustments, and stay on course toward the transformative goal of doubling efficiency. With insights from regional success stories, we'll dive into actionable models that transcend borders and directly address the unique needs of countries in the Global South.

The session will also amplify the power of collaboration. Public-private partnerships, alongside bold regulatory incentives and targeted financial tools, are essential to drive the scale of change needed. This session will convene diverse stakeholders — from government leaders to private sector innovators — to spark the partnerships and financial flows that will make energy efficiency a reality at scale. By the close, this session won't just outline the steps to doubling efficiency; it will set the stage for lasting, systemic change across the Global South, positioning energy efficiency as a cornerstone of climate resilience and sustainable growth well beyond COP29.

Target Audience

- Government officials and policymakers
- Representatives from the energy sector and international organizations
- Private sector stakeholders (energy and appliance manufacturers)
- NGOs focused on sustainable energy and climate action

Programme Agenda

Duration	Action Item
5 min	Welcome & Opening Remarks
5 min	Context-Setting
45 min	<p>Panel Discussion</p> <ul style="list-style-type: none">● The Importance of Tracking Efficiency Progress<ul style="list-style-type: none">○ Overview of tracking mechanisms and how they support climate action○ Regional case studies highlighting efficiency progress○ Challenges in collecting accurate data and measuring impact in the Global South● Frameworks and Best Practices for Energy Efficiency<ul style="list-style-type: none">○ Key frameworks for energy efficiency tracking in developing countries○ Successful case studies in energy efficiency from Southeast Asia○ Frameworks for scaling efficient technologies and policy development● Accelerating Progress<ul style="list-style-type: none">○ Financial tools to incentivize energy efficiency○ Public-private partnerships for fostering regional and global collaborations○ Innovations and future pathways for energy efficiency acceleration
10 min	Q&A Session
10 min	Closing Remarks

Note: The speakers' list is currently being finalized and will be confirmed closer to the event date.

Expected Outcomes

Outcome 1: Highlight the critical role of energy efficiency tracking in achieving climate goals

Efficient tracking mechanisms are essential for ensuring countries meet their energy efficiency targets. By focusing on practical tracking solutions, countries in the Global South can monitor progress and make informed decisions to reduce emissions.

Outcome 2: Share best practices and successful frameworks for energy efficiency

Real-world examples from Southeast Asia and other regions will demonstrate how countries can implement effective tracking systems and adopt energy-efficient practices to boost climate resilience.

Outcome 3: Build collaboration across sectors for faster energy efficiency adoption

Public-private partnerships are vital for promoting energy efficiency at scale. Collaboration between governments, businesses, and NGOs will drive innovation and help track energy efficiency progress.

Outcome 4: Discuss financial tools and policy mechanisms to support rapid progress

Financial incentives, regulatory standards, and multilateral collaborations can significantly drive energy efficiency. Identifying these tools will help scale solutions that work across different sectors.

Outcome 5: Establish a long-term engagement framework

The session will serve as a platform to foster ongoing engagement beyond COP29, ensuring that energy efficiency remains central to climate strategies in the Global South.

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