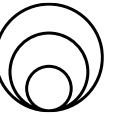




May 26th, 2026 / Mike Umiker, Managing Director, Energy Efficiency Movement

Energy Efficiency Unlocked: Blueprint for a Resilient and Electrified Industry



A global network of **600+** organizations from the industry ecosystem committed to energy efficiency progress

In **49 countries** and across **29 industry verticals**

2021

The EEM is launched



2024

The EEM becomes independent



2025

Official partner of the IEA conference



2026 Event Calendar


High Level global and sub-regional Events with EEM contribution and participation

Learn more about

[EEM Global Impact](#)

Turkey 9-20 Nov

UN Climate Change Conference COP31



[WEBSITE](#)

USA 20-27 Sep


Climate Week NYC



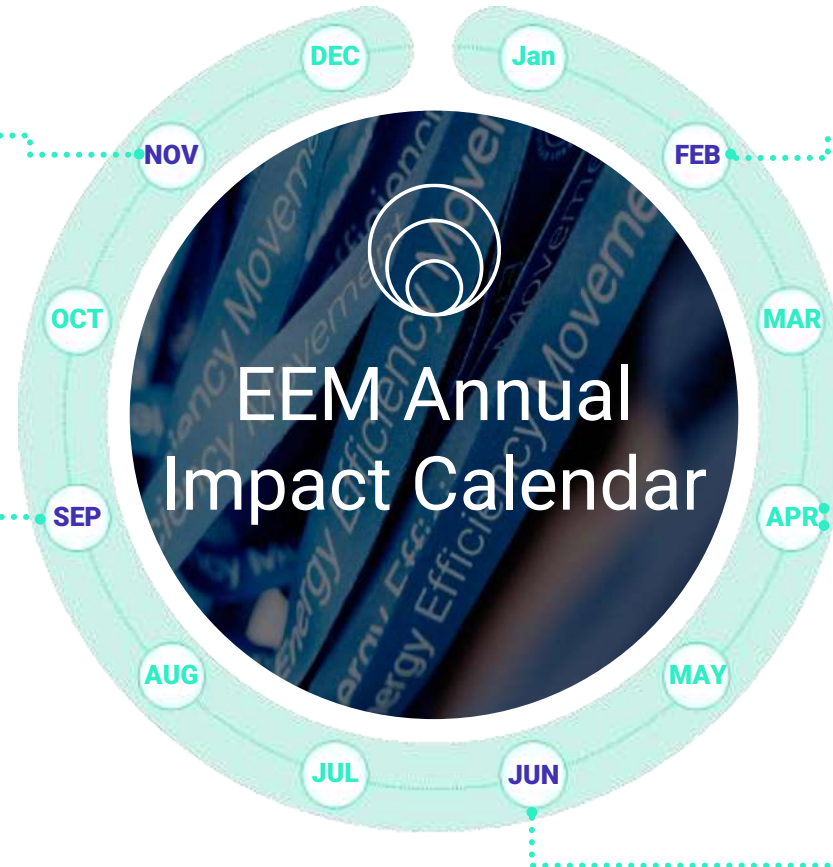
[WEBSITE](#)

USA 16-18 Sep

AEE World – Energy Conference & Expo*




[WEBSITE](#)



India 3-4 Feb Subregional


Forum on Energy Efficiency & Decarbonisation (FEED) by AEEE*



[WEBSITE](#)

UK 21-29 June


London Climate Action Week



[WEBSITE](#)

Canada 29-30 June

IEA Annual Global Conference on Energy Efficiency



[WEBSITE](#)

Collaboration

We are part of major energy efficiency conversations to drive impact

February

IEA event on Energy Efficiency and AI Paris



March

CERN Energy Efficiency Day



May

General Assembly of the European Energy Efficiency Financing Coalition in Brussels



iea
International
Energy Agency



**10th Annual
Global Conference
on Energy Efficiency**

12-13 June 2025

In partnership with



Energy Efficiency Movement

From Brussels to Hamilton

International Energy Agency's 10th Annual Global Conference on Energy Efficiency

- **Businesses are key**
- **Efficiency boosts competitiveness**
- **Efficiency-first mindset**
- **Stable policies**
- **Public-private partnerships**



Brussels CEO Four Point Action Plan

Supported by the
CEO Letter of Commitment





Our learnings from the private sector at COP30, Belem, Brazil

Energy Efficiency Movement panel on “Accelerating Energy Efficiency by Unlocking Cross Sector Scalable Action”

Key Takeaways from the high-level Panel

- Businesses are committed but need clearer signals.
- Scale investment and use digital technologies.
- Strengthen policies, partnerships, and communication.
- Show energy efficiency as a clear moneymaker

Closed roundtable highlights

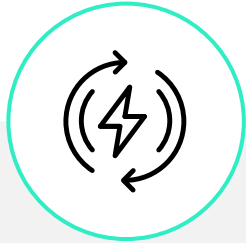
- Energy efficiency must become a strategic, long-term priority
- Implementation and investment need to accelerate
- Communications and leadership should elevate energy efficiency as a top-tier economic and climate solution,

The new “theme” before we dive into the barriers

Energy efficiency in context of electrification

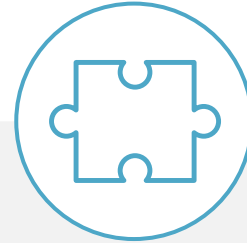
Learn more about

[EEM Global Impact](#)



Electrification as an Economic Imperative

Electrification strengthens energy security, lowers costs, and drives long-term economic growth.



Accelerating the Transition at Scale

Faster electrification requires clear policies, major investment, and coordinated system-wide action.



Energy Efficiency as the Force Multiplier

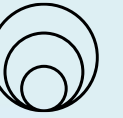
Energy efficiency makes electrification cheaper, more productive, and easier to scale.

2026 Invest insights - *Launch date 2nd of June 2026*

98% of organizations are investing or planning to invest in energy efficiency, making it a mainstream business priority

More than 60% of companies are focusing on audits and digitalization to optimize energy performance and drive efficiency gains

Cost remains the biggest barrier, with ~43–53% citing it as the main challenge to improving energy efficiency



“Energy efficiency stands as the fastest and most cost-effective path to stronger energy security, greater resilience, and lower energy costs. Stronger action from industry and policymakers to deliver on the international goal of doubling the pace of efficiency improvements this decade is essential to building a resilient energy system that delivers secure, sustainable, and affordable energy for all.”

Dr. Brian Motherway, Head of Energy Efficiency and Inclusive Transitions Office, International Energy Agency, IEA

Knowledge

So, what are the barriers?

Efficiency NOW

A roadmap to overcome internal barriers to industrial energy efficiency

Financing energy efficiency is the biggest barrier (43%)



- Uncertain investment returns
- Volatile energy prices
- Limited funding access



SOLUTIONS

- Set efficiency budgets
- Use smart financing
- Prioritize quick wins

68% OF COMPANIES HAVE
INCREASED ENERGY EFFICIENCY
BUDGETS

BUT **84%** STILL REPORT
INSUFFICIENT FUNDING

Adapting infrastructure is the second major hurdle (19%)



- Legacy system issues
- Downtime risk
- Upgrade complexity



SOLUTIONS

- Partner for audits
- Phase upgrades smartly
- Think system-wide

A close-up photograph of a hand holding a green brush and scrubbing a heavily rusted metal surface. The background is a blurred green wall.

NEARLY **1 IN 2 COMPANIES** FINDS
IT CHALLENGING TO UPGRADE
EQUIPMENT

Lack of skills, committed leadership and reliable data are equally perceived as barriers (11-15% of companies)



**SOLUTIONS TO
LACK OF SKILLS**

1. Train for energy goals
2. Collaborate with experts
3. Build internal capacity
4. Compliance with standards like ISO 50001



**SOLUTIONS TO
WEAK LEADERSHIP**

1. Invest in monitoring
2. Strengthen data governance
3. Build expert capacity



**SOLUTIONS TO
INSUFFICIENT DATA**

1. Use IoT monitoring
2. Visualize achievements
3. Automate with AI

Knowledge

The Case for Industrial Energy Efficiency



GAIN EFFICIENCY
INSIGHTS

DRIVE EFFICIENCY
RETURNS

BUILD AN EFFICIENCY
FOUNDATION

The solutions
exist!

10 key actions
industry can take
right now

11% potential
reduction in total global
carbon emissions by 2030

\$437 billion
annual cost savings
to industry by 2030

Building an efficiency foundation



In energy efficiency, **the key to success is making sure you know where you are to begin with** — so you are heading in the right direction.

Building an efficiency foundation



Audit - Building the business plan

- Budget around 1% of your total annual energy bills
- Allow roughly one to three days for the audit
- Focus on the energy saving potential

Right sizing of industrial assets and processes



Lower capital costs



Lower operating costs



Lower carbon emissions



Lower materials use



Driving efficiency
returns



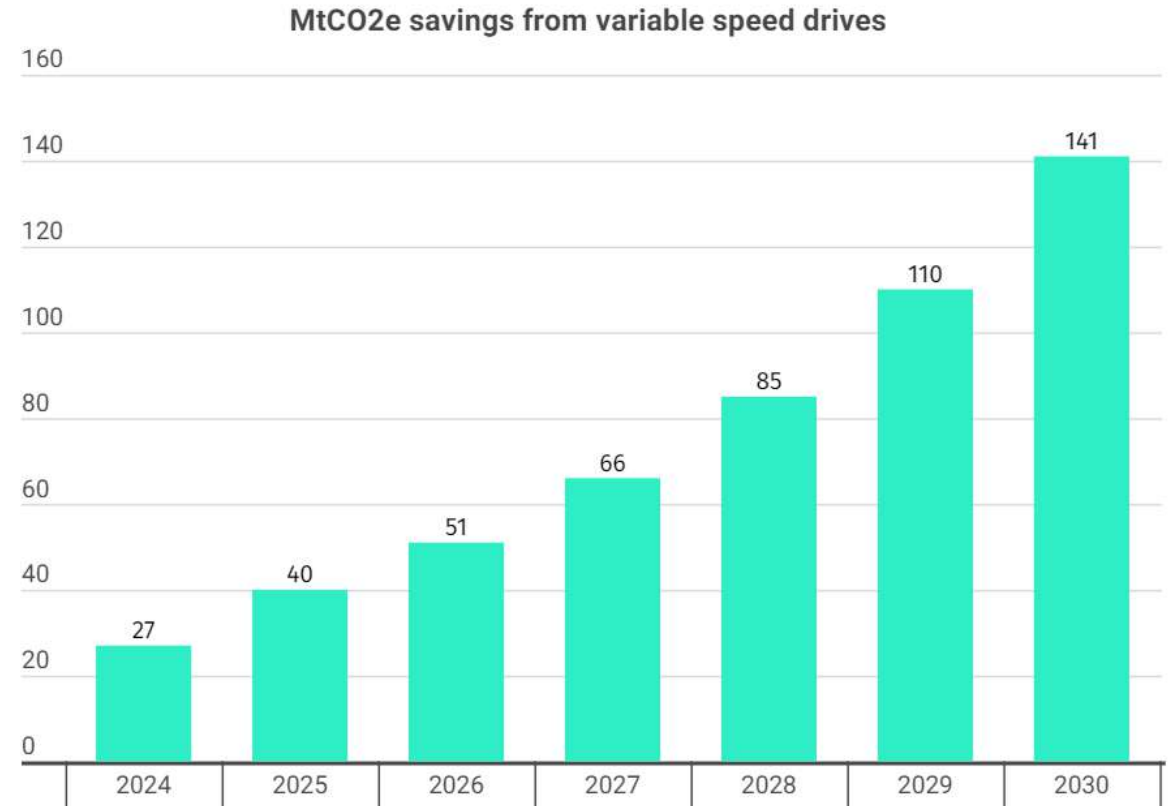
Or using variable speed drives

- **Optimize electricity use:**
VSDs can boost efficiency in industrial settings where less than 1/3 currently have them.
- **Improve overall efficiency**
Upgrading to VSDs and energy-efficient motors can increase a pumping system's efficiency from 28% to 82%.

- **Example**

New Zealand Steel: 40-45% energy saving by replacing legacy hoisting crane drives with regenerative drives*

* Source: ABB



Source: Energy Efficiency Movement, October 2023. Moderate-ambition scenario

[See details](#)

Gaining efficiency insights



Having accurate, timely data on energy use is critical for understanding how well efficiency measures are working.

Bringing connectivity to physical assets

- **Energy efficiency:**
IoT can cut industrial energy use by up to 30%.
- **Emission reduction:**
Extending IoT could reduce global emissions by over 17% by 2030.
- **Cost savings:**
Efficiency gains from IoT could save up to \$259 billion annually by 2030.



Technology is
available. Together
we can do it.



Scale what works



Demand sets boundary for long term
business invest and energy security



Energy efficiency is essential for staying
competitiveness

