



# INDUSTRIAL ENERGY EFFICIENCY ACCELERATOR

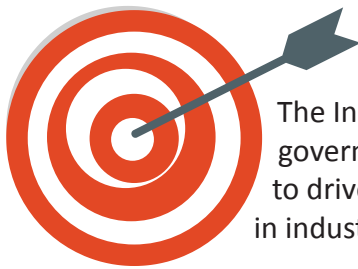
## WHY AN ACCELERATOR FOR INDUSTRIAL ENERGY EFFICIENCY?

The industrial sector accounted for about 37% of the total final energy consumption and around one third of the global GHG emissions, with 60% of the energy efficiency still to be realized. Not only will industry continue to remain one of the major final energy consuming sectors, but its share in the total final global energy consumption will be higher than present levels.

Widespread adoption of energy efficiency measures could **reduce industrial energy use by over 25%.**

It represents 3.92 Gt CO<sub>2</sub> which is a **8% reduction in global energy use and a 12.4% reduction in global CO<sub>2</sub> emissions**

In addition, it provides several distinct advantages and spin-offs at the individual enterprise level such as increased competitiveness, improved operational efficiencies and productivity, reduced material losses and solid waste, decreased water use, and improved product quality. Such benefits have the potential to add another 50% in economic benefits on top of direct energy cost reductions.



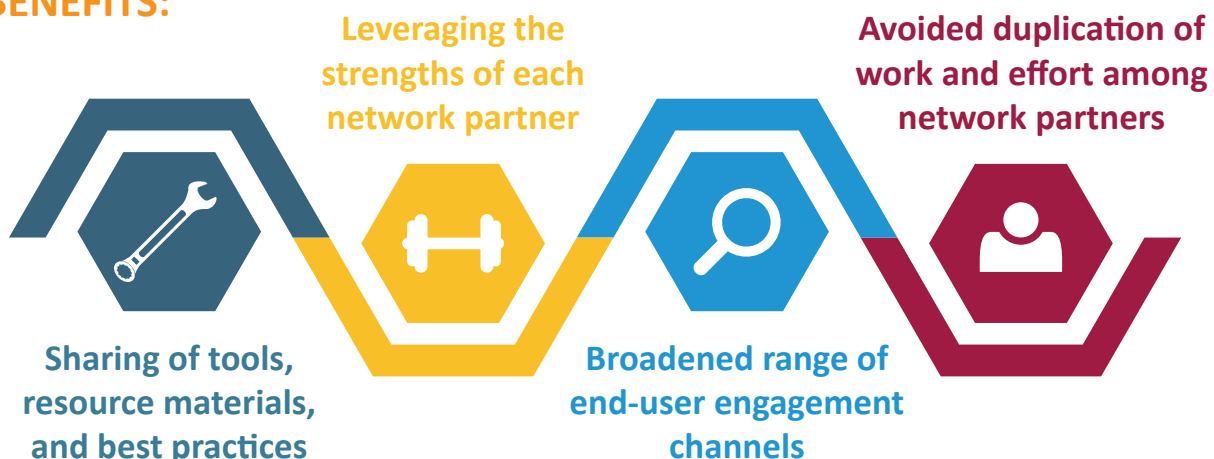
### OBJECTIVE

The Industrial Energy Efficiency Accelerator aims to secure public commitments by governments, industrial corporations, trade associations, utilities, and financial institutions to drive the adoption of Energy Management Systems (EnMS), best practices and innovation in industry.

## A PLATFORM FOR DRIVING ACTION ON INDUSTRIAL ENERGY EFFICIENCY

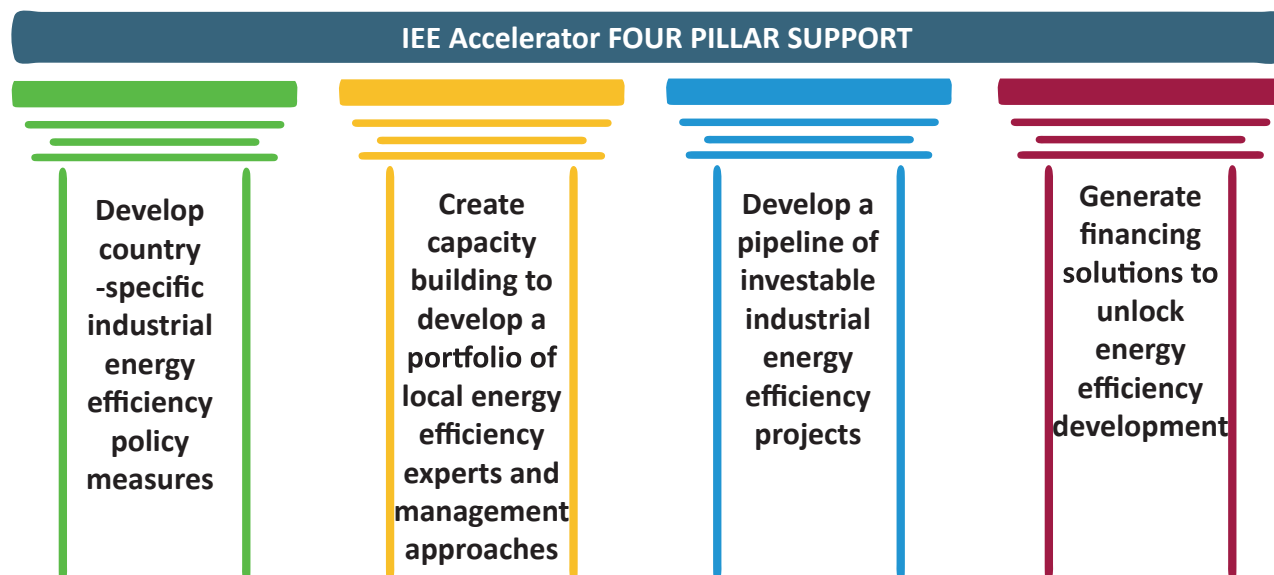
Today, many industry associations, NGOs, Government bodies, etc. have established working relationships through membership arrangements and cooperative partnerships with industrial sector members. Most of these organizations operate independently from one another and in some ways unintentionally compete with each other in engaging end-users. **The IEAA will form a strategic network of alliances through which the energy efficiency message can be channeled, extended and augmented to reach a significantly larger number of industries.** Through individual and group meetings, and alignment events, the network will be shaped to become a strong coalition promoting industrial energy efficiency, drawing in also the financial community. The value proposition, benefits and advantages of joining the coalition will be carefully developed to make the case for a joint and coordinated approach in expanding the energy efficiency improvement effort.

### KEY BENEFITS:



## COUNTRY ENGAGEMENT

The Industrial Accelerator plans to engage in at least fifteen countries with the aim of catalyzing the necessary uptake of energy efficiency by 2025 to help achieve **SDG 7**. The accelerator will work in each target country with leading Government officials, business leaders, local sector trade associations, research agencies and investors to create a clear vision of how to further mobilize energy efficiency in the key industrial sectors and set out actions for how to reach this goal.



## PRIVATE SECTOR ENGAGEMENT

The Industrial Accelerator will actively engage with industry in two ways. **Firstly by engaging with technology providers of energy efficiency technologies** for various sectors of industry at the global level to increase awareness about available technologies and practices and impact of implementing such technologies on industrial productivity. **Secondly, the accelerator will also engage with industrial champions** such as ArcelorMittal South Africa and others that have already progressed in implementing energy management and energy efficiency at their own enterprises with a view to share this experience globally and recognize their efforts, thus encouraging more companies from around the world to join the accelerator. The Industry Accelerator will work with private sector players at the global and national level to catalyze actions in industry.

### PARTNER ORGANIZATIONS

Energy Management Working Group, Clean Energy Ministerial

Copenhagen Center on Energy Efficiency

Climate Works

Confédération Générale des Entreprises du Maroc (CGEM).

Energy Efficiency in Production hosted by the University of Stuttgart

Energy Foundation China

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