

Outcomes

IEA 8th Global Conference: Invitation to EEM side meeting

Date: 08.06.2023
Location: Versailles, France, Conference Center

Agenda:

Thursday 8 June
12.30 – 14.00 CEST
@ IEA 8th Annual Conference on Energy Efficiency

As a part of the IEA 8th Annual Conference on Energy Efficiency we invite you to an exclusive roundtable discussion together with **Energy Efficiency Movement** around unlocking energy efficiency in industries and what concrete actions to take.

Roundtable questions:

- Which of the **main barriers** are most important to overcome to speed up implementation of energy efficiency solutions?
- What **main actions** can **private sector, industry associations, academia** as well as **policymakers**, take to unlock the implementation of energy efficiency solutions?



Exclusive invitation-only roundtable event

How to unlock energy efficiency in the industrial sector?

As energy efficiency has never been more important than now, there is need for immediate response and action. While progress and implementation has been made in both transportation and building sector, not enough actions have been taken to increase energy efficiency in industries. Industries holds 50% of possible energy efficiency savings towards net zero.

How to unlock the true potential of energy efficiency in the industrial sector? What action can policy and private sector take together to accelerate implementation of the energy efficiency solutions needed!

In partnership with the Energy Efficiency Movement.

Kevin Lane, Senior Programme Manager, IEA
Thomas Møller, President Energy Division, Alfa Laval
Tarak Mehta, President Motion Business Area, ABB

Enhance the discussions
by providing your view
on key questions:



Important note: At the opening of the meeting, the reference was made to respect the antitrust laws.

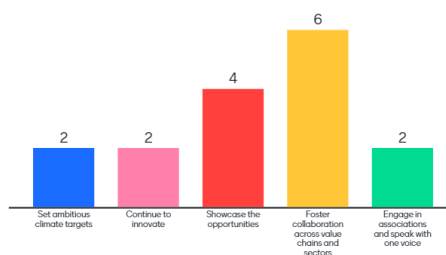
What are the main barriers to increase energy efficiency in industry compared to other sectors?



Discussion:

- CEO strategy first: it is important that CEOs do put Energy Efficiency (EE) at the top of their agenda. This will drive budget and resources
- Build competence through focused training, insource in case capabilities are not existing
- Focus on simple and easy understandable communication
- Develop solid but pragmatic action plans
- Question is, how to shape the market / industry to ensure knowledge access to everyone
- A risk is: it seems manufacturer do not want to drive quantities at a lower cost with high efficient products
- Key is to show tangible examples.
- EE is a decarbonization “Tool” – promote it accordingly!
- Small project struggle to get investment, since financing systems are more targeting large projects
- Government should support “not to reduce the energy bill” but should support “Energy Efficiency Solutions” to reduce overall energy consumption

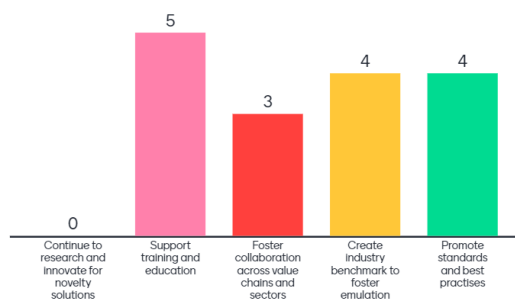
What main actions can private sector take to raise the attention of energy efficiency in the industrial sector?



Results:

- Commercial opportunities need to be identified
- Energy Efficiency Movement (EEM) should raise the awareness, since EEM has the knowledge and reputation.
- Consistent messaging is crucial (keep it simple)
- Collaboration with trade- or other associations should be stronger considered
- Important is to understand the pain points – “what makes me move?”
- Voice of industry is currently missing
- “Electrify industrial processes”, still many processes are fossil powered (attention: ensure energy is green)
- Example from Energy Engineer Association: Technicians are certified. Could be a potential to collaborate with EEM. They have 30k certified technicians.

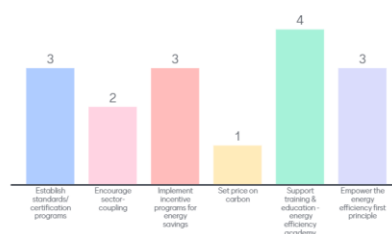
What main actions can industry associations and academia take to accelerate energy efficiency in the industrial sector?



Results:

- A question is, how to “bridge the gap”?
- Industrial associations can play a big role related to communication
- A “Research” agenda should be established around EE
- US: Trade associations are point of contact, however industries are not on the agenda
- Establish a “Classification” (Star rating) for plants / companies that “walk the talk” and increase their EE. IEA could potentially nominate companies to present their case studies (which could be presented at the next conference). Alternative making an “award”).
- Knowledge transfer from Building associations is a huge potential to learn, how they managed to become so successful to get such an attention

What main actions can policymakers take to accelerate energy efficiency in the industrial sector?



Results:

- Regulations can help to speed up the implementation (eg. EcoDesign)
- An open / intransparent point is, it is not clear, when to phase out subventions.
- Clear regulations are missing to allow EE investments to be off the balance sheet
- There should be some standardization for finance EE to lower the bar to invest (eg. similar to the energy efficiency label)

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