

Decarbonising Europe: Challenges and Actions

Energy Efficiency in Manufacturing
Conference :
Towards Industrial Decarbonization
& Sustainability

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About EEIP

Energy Efficiency in Industrial Processes is a network facilitating open and inclusive dialogue within market participants and between market participants and EU policymakers.

EEIP network users are coming from organisations of all sizes (from SMEs to multinationals), all sectors (e.g. users, technology and services providers, finance, IT, consultancies, cities, policy) and covering the entire value chain, in other words supply and demand side. There are over 140,000 network users.

EEIP is based in Brussels



The Challenges Industry Faces

- The European Union provides a robust policy framework for industry that covers many themes: climate change, energy efficiency, renewable energy, air pollution, circular economy, energy security, resources efficiency, decarbonisation (or carbon neutrality) and competitiveness being the most relevant.
- Add the war in Ukraine, major energy security concerns, skyrocketing energy prices, supply chain concerns – and we have BIG problems



What we need to know about the policy framework

Strategic priorities

Creation of Markets for Climate-neutral, Circular Economy Products	Developing Climate-neutral Solutions and Financing their Uptake	Resources and Deployment	Social Dimension
Demand-side measures fostering demand and competitiveness	Developing industrial demonstrators of breakthrough technologies	Availability of climate-neutral energy at globally competitive prices	Empowering consumers to make informed choices
Alternative or complementary options for carbon pricing mechanisms	R&D&I programmes bringing solutions closer to the market	Access to alternative feedstock sources	Equipping workers with new skills to deal with the transformation
Empowering customers and consumers	Facilitating access to private capital	Mapping of energy and non-energy infrastructure and supply	Helping communities dependent on the EILs to face the transition

Source: Presentation by Peter Handley, Head of Energy-Intensive Industries and Raw Materials Unit, DG Grow, eceee Industrial Efficiency Conference, September 14, 2020

How can we accelerate actions?

- Roadmaps to Net Zero Emissions – knowing how we go from A to Z
- Taking mandatory energy audits seriously
- Focus on innovation
- There is a need to expand the market for clean products and to ensure Europe's industry increases its competitiveness



How can we accelerate actions?

- Need for spirit of co-operation between government and industry
 - While the government need to support infrastructure improvements, provide a stable regulatory framework, lower the administrative burden, and provide a mission-oriented innovation agenda. From industry, a long-term commitment to decarbonise and to increase leadership are needed to increase clean production and products
[From Tom Berendsen, MEP, Rapporteur for the Updated New Industrial Strategy for Europe in the European Parliament's Industry, Research and Energy Committee]



What is helping?

- Commission-financed R&D and industrial energy efficiency projects
- Energy Efficiency Financial Institutions Group [https://eefig.ec.europa.eu/index_en]
- Green taxonomy
- EU ETS and Innovation Fund
- ISO 50001



Still big issues to address

- Carbon Border Adjustment Mechanism? Pro or against?
- Replication in our corporate DNA?
- Are we really on path to net zero?
- Is more innovation needed?
- Are we preparing business plans that financial institutions understand?
- Can we accelerate our efforts?
- Can we electrify sufficiently?

- And for you?



The clock is ticking



Final Words

“Energy efficiency isn’t difficult,
it’s just complicated”



Thank you!

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