

EERA Joint Programme

Energy Efficiency in Industrial Processes

Vision

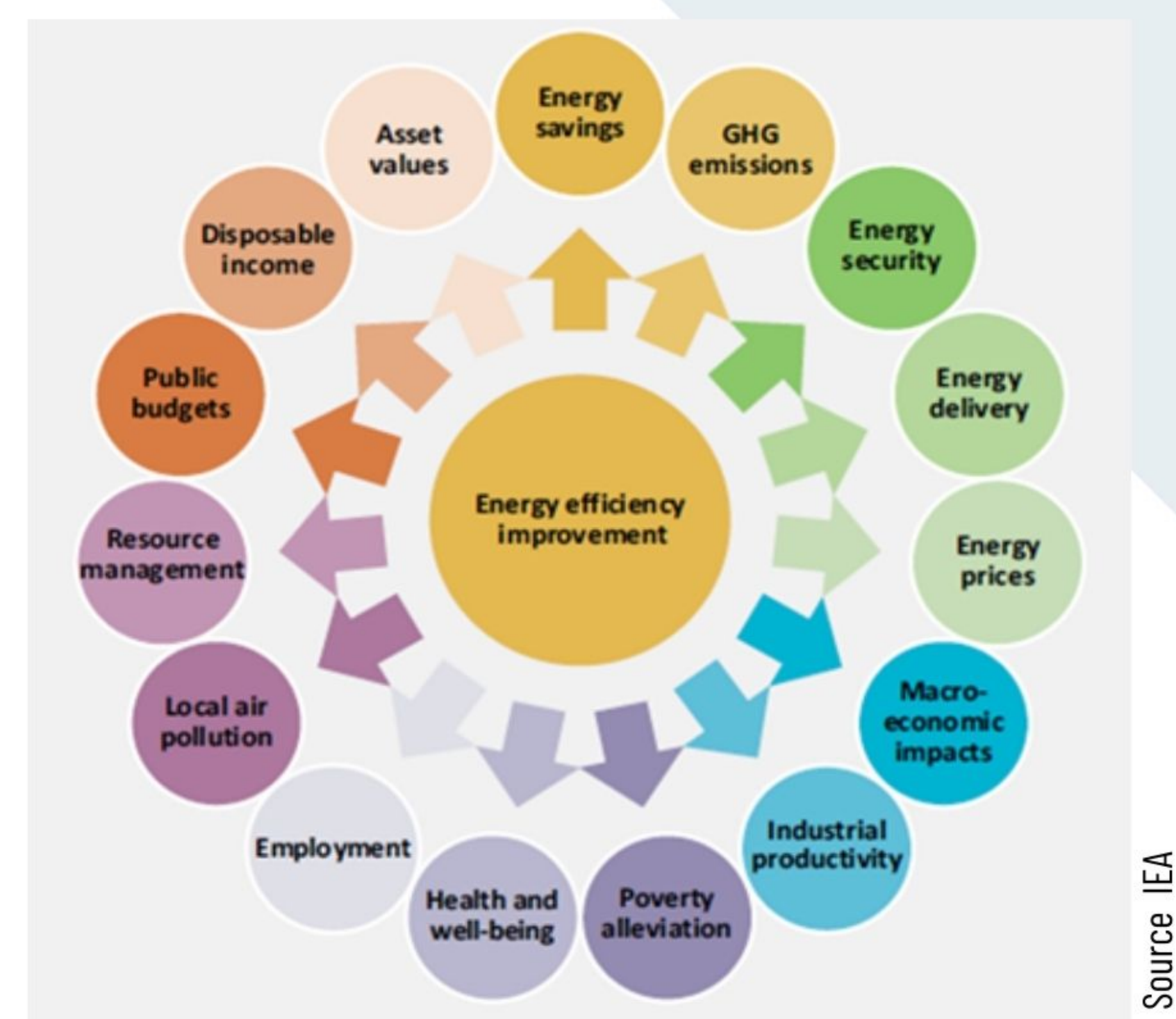
To be the European leading R&D community in Energy Efficiency in Industrial Processes creating synergy advantages for European research organisations and industry in support of the energy transition and the SET-Plan goals.

Why energy efficiency?

Energy efficiency in industry is rising towards the top of the EU and the Member States/Associated Countries agendas for several compelling reasons. Among them are economic reasons, such as unstable energy prices and reliability of supply; environmental reasons, i.e. the need to reduce greenhouse gas emissions; and intergovernmental reasons, as the industrial sector is becoming a frequent target of recommendations for international action.

Despite relevant efforts in terms of innovative technologies and legislative and regulatory frameworks to enable the transition in the industrial sector, the potential for energy efficiency remains significant. There are many opportunities for energy savings and, thus, reduced environmental impact.

The EU Industrial Strategy of May 2021 sets out an approach to drive the transformation to a more sustainable, digital, resilient, and globally competitive economy in Europe. This strategy includes supporting industries towards climate neutrality, outlining that reducing emissions across the sector will depend on an 'energy efficiency first' principle and a secure and sufficient supply of low-carbon energy at competitive prices.






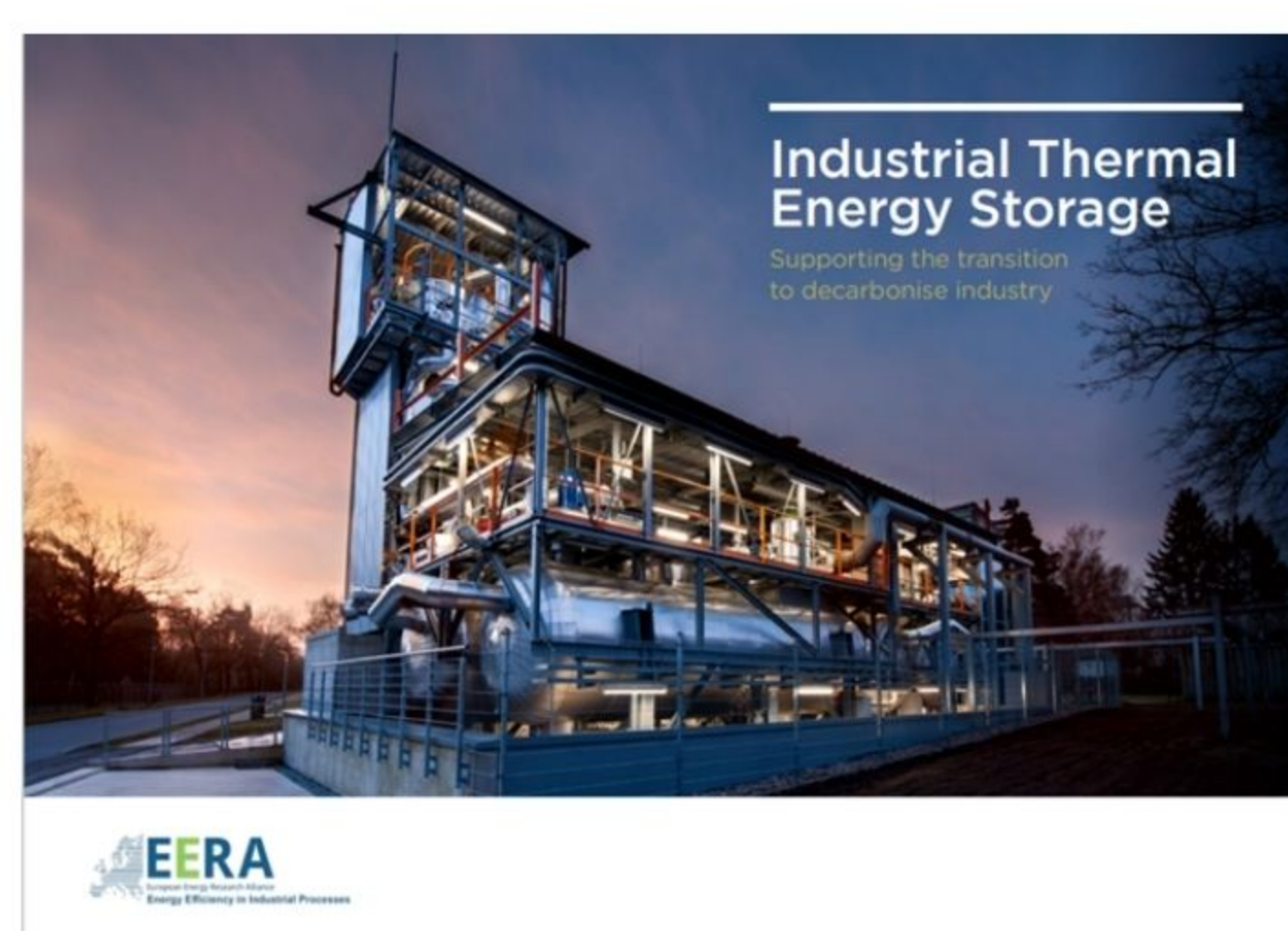
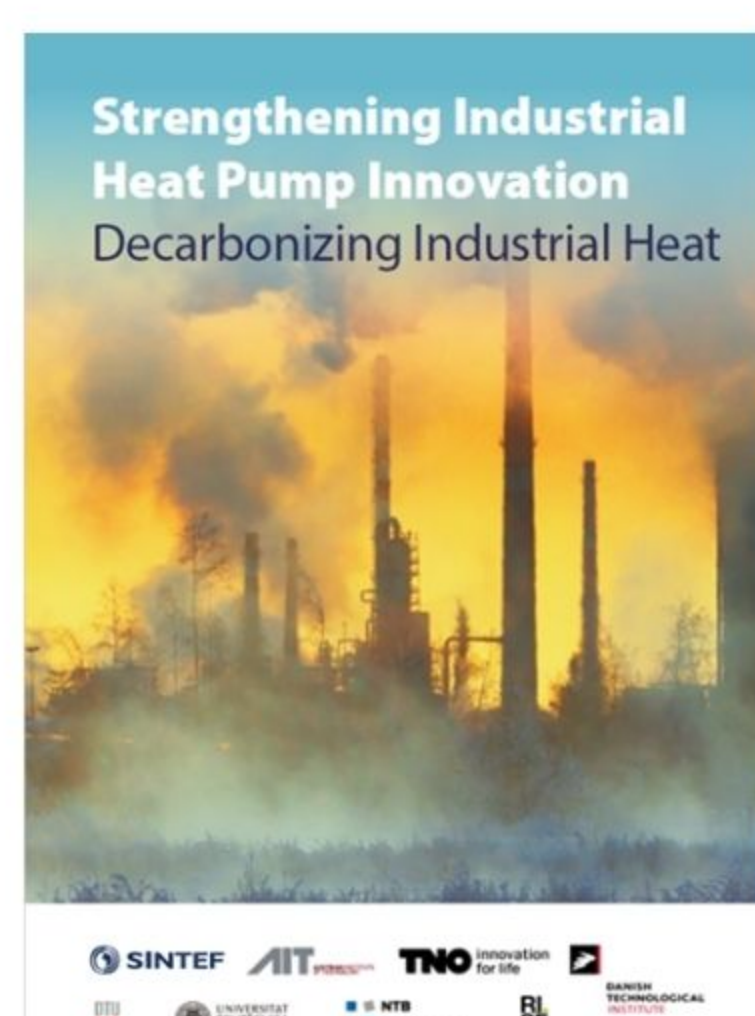
The EERA JP EEIP way

The objectives of the JP EEIP are:

- ✓ Assess the existing industrial processes to contribute to the implementation of more efficient technologies and solutions.
- ✓ Propose advanced concepts and designs to reduce energy consumption, operation, and maintenance costs, to improve the environmental footprint while equaling or improving the characteristics and the number of products manufactured.
- ✓ Verify the viability and affordability of the proposed solutions through concrete demonstration projects.

JP EEIP activities

-  Strategy & policy: Strong connection to the SET Plan Implementation Working Group on Energy Efficiency in Industry (IWG6).
-  Collaboration hub: development of common research agendas, joint publication of whitepapers and sharing of knowledge, data and infrastructure.
-  Platform for EU R&D activities: Workshops, webinars & brokerage events.



Examples of whitepapers published in the context of the activities of the Joint Programme

JP EEIP Projects Portfolio (2023)



Added value for members

Being part of the strategic leadership for Industrial Energy Efficiency R&D

- ✓ Contribute to the development of and having a voice in R&D and funding priorities at EU and national level.
- ✓ Establish a dialogue with industry.
- ✓ Access to marketplace for shaping EU proposals.

Being part of a network of leading R&D groups

- ✓ Share and exchange knowledge, including research data.
- ✓ Collaborate across projects to increase impact.
- ✓ Gain visibility and boost dissemination and communication of the work carried.

Becoming an EERA member

EERA membership is open to any public body, non-profit legal entity or group of entities involved in energy research based in EU member states, EU candidate countries, or countries associated with the EU framework programme for research and R&I.

Contact

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