

Recent Developments in the field of Energy Efficiency First

March 9, 2022 - Seminar briefing

The war in Ukraine and current tensions with Russia have put vulnerability in the spotlight of Europe's energy imports. Energy Efficiency First (EE1st) is essential more than ever to secure Europeans' energy.

Focus on the Energy Efficiency First principle and ENEFIRST's latest developments in the field of Energy Efficiency First (EE1st).

The IEECP Lunch Seminars offer short insights into ongoing projects and how they play a central role in the energy transition.

Useful links:

- [ENEFIRST Project](#)
- [What is the EE1ST Principle?](#)
- [IEECP projects](#)

What is Energy Efficiency 1st ?

"Providing alternative cost-efficient energy efficiency measures to make energy demand and supply more efficient for energy planning and policy and investment decisions, as well as more efficient conversion, transmission and distributon of energy." - (Article 2(18))



EE1ST in the EU

[Recasts of EED, RED, ETS Directive](#)
[Fit for 55 Package](#) [New Article \(Art.3\)](#)

Check list to implement EE1st

- **Are demand-side resources considered when comparing / planning / deciding investments?** ✓
- **Are demand-side resources assessed and valued on a fair basis compared to supply-side investments ?** ✓
- **What is the ultimate decision-making rule once the assessment is done? Is a priority given to demand-side resources when relevant?** ✓

Examples of EE1ST



[Heatpump subsidy in Ireland](#)



[T&D Infrastructure in the USA](#)



[Building Logbook in Belgium](#)

Resources to implement EE1ST

[New EE1ST Facility](#)

[European Commission guidelines](#) and [recommendations](#).

[ENEFIRST Guidelines](#) to promote integrated appraoches in:

Energy Planning

- Integrated energy modelling
- Integrated energy infrastructure planning
- Integrated planning of energy demand & supply in buildings

Energy-related Investments

- Considering multiple impacts in investment decisions
- EE1st in public financing
- EE1st in end-user investment decisions

Useful Tools

- [MICAT](#) (Multiple Impacts Calculation Tool)
- [Sensei](#) (Pay-For-Performance)



IEA's plan to reduce reliance on russian gas with Energy Efficiency

Action 8: Accelerate energy efficiency improvements in buildings and industry.

Action9: Encourage a temporary thermostat adjustment by consumers.

enefirst.



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