

streamSAVE+ Dialogue Workshop #04

Streamlining Energy Savings Calculations

Assessing energy savings from sufficiency measures

Date: 5 October 2026

Duration: 13h30 - 15h00

CEST (UTC+2)

Registration: [link](#)

Online

MEETING AGENDA

Background and objectives

Energy sufficiency is gaining increasing traction in research and the European policy landscape as a key complement to energy efficiency and renewable energy deployment. By addressing the demand for energy services, sufficiency measures can substantially reduce energy consumption while maintaining quality of life, contributing to climate mitigation, lower energy costs, support geopolitical independency and a more equitable energy transition. However, despite growing evidence of these benefits, the implementation of sufficiency policies remains challenging due to barriers related to public acceptance, political feasibility, and actual sustained effectiveness.

This workshop will introduce the concept of sufficiency, explain methodologies to estimate impact via sufficiency measures and looks into means to increase public acceptance and support for policy measures aiming at sufficiency reduced levels of consumption.

The intention is to bring together a diverse group of stakeholders to discuss ideas, barriers, and opportunities for advancing effective strategies and policies that support the adoption of more energy-sufficient consumption patterns.

Agenda (1 h 30 min)

Moderation of the workshop by Nives Della Valle (IEECP)

13:30 – 13:35	Quick updates about streamSAVE+ Jiří Karásek (SEVEn)
13:35 – 13:45	Introducing sufficiency Nives Della Valle (IEECP)
13:45 – 13:50	Q&A
13:50 – 14:05	Methodology for estimating energy and emission savings via sufficiency measures in residential buildings Jan Verheyen (VITO)
14:05 – 14:10	Q&A

14:10 – 14:25	Public support for a large set of energy sufficiency policies in Ireland Ciarán Lavin and Hannah Julienne (SEAI)
14:25 – 14:30	Q&A
14:30 – 14:45	Energy and GHG saving potentials of sufficiency measures in Germany Carina Zell-Ziegler (Öko-Institut)
14:45 – 15:00	Open discussion

Discussions will be under Chatham House Rule: the minutes will not mention any name or country. All discussion points included in the minutes will be anonymized.

Dialogue meeting moderated by Nives Della Valle (IEECP).

Further readings

Bourgeois S. et al. (2023) Climate neutrality, Energy security and Sustainability: A pathway to bridge the gap through Sufficiency, Efficiency and Renewables – Final report. CLEVER network – négaWatt Association, June 2023.

Creutzig, F. et al. (2022) Demand-side solutions to climate change mitigation consistent with high levels of well-being. Nat. Clim. Change 12, 36–46.

EC (2024) Sufficiency in the building sector; for the EU Whole Life Carbon Roadmap - final report - study executed by Ramboll & BPIE. Publications Office of the European Union. European Commission (EC).

ECEEE (2019) Energy sufficiency in buildings - Concept paper. European Council for an energy efficient economy (ECEEE).

Hadjur H., Peffen A. (2024) Energy Sufficiency in the EU: Executive Brief.

IPCC (2022) Climate Change 2022 – Mitigation of Climate Change - Working Group III contribution to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Intergovernmental Panel on Climate Change (IPCC).

Millward-Hopkins J. et al. (2020) Providing decent living with minimum energy: A global scenario. Global Environmental Change 65 (2020) 102168, September 2020, <https://doi.org/10.1016/j.gloenvcha.2020.102168>.

Rao, N.D., Min, J. (2018) Decent Living Standards: Material Prerequisites for Human Wellbeing. Soc Indic Res 138, 225–244.

Raworth, K. (2017) Doughnut economics: Seven ways to think like a 21st-century economist. Random House Business Books.

Sorrell S. et al. (2020) The limits of energy sufficiency: A review of the evidence for rebound effects and negative spillovers from behavioural change, Energy Research & Social Science 64 (2020) 101439.

Taillard M. et al. (2022) Establishment of energy consumption convergence corridors to 2050 – Residential sector. negaWatt Association.

Verheyen J., Meynaerts E., Renders N., Ortiz A. M., Borragán G. (in review) Energy and emission saving potential via sufficiency measures in residential buildings in Europe, Energy Efficiency Journal (special Behave 2025 edition).

Verheyen J., Meynaerts E., Renders N. (2025) Energy saving potential via sufficiency measures in residential buildings in Europe; extended abstract published in the proceedings of the Behave 2025 conference, 11-12/12/2025, Paris, France.