

FACTSHEET - JULY 2026

## What's new in DEEP

**52,900 new energy efficiency projects added.** *Fresh evidence on the business case for energy efficiency under post-2022 market conditions.*

The European Commission's **De-risking Energy Efficiency Platform (DEEP)** - the open-source database for energy efficiency investment performance in Europe - has more than doubled in size with the July 2026 update. A large share of the new data covers the period after the 2022 energy crisis, providing the most recent comprehensive evidence to date on the economics of energy efficiency investments in buildings and industry under current market conditions.

### At a glance

- **89,400+** projects in DEEP after the July 2026 update
- **52,900** new projects added from Germany and the United States
- **60,500+** projects in buildings; **28,800+** projects in industry
- Coverage across the **EU27+UK and the United States**
- More than **32** data providers from national authorities, financial institutions, and EU-funded projects

### Fresh evidence under recent market conditions

The newly added German projects cover from **2019-2025**; the US projects cover **2023-2025**. For the European subset of the database, median payback periods have shortened after 2022 in both buildings and industry. The economic case for energy efficiency has been **reinforced, not weakened**, by the higher energy prices of recent years.

Indicator (median values)	Before 2022	After 2022
<b>Buildings</b>		
# of projects	34,586	<b>20,955</b>
Payback (years)	5.2	<b>4.7</b>
Avoidance cost (Eurocent/kWh)	3.3	<b>5.0</b>
<b>Industry</b>		
# of projects	16,526	<b>4,661</b>
Payback (years)	4.0	<b>3.0</b>
Avoidance cost (Eurocent/kWh)	4.1	<b>3.7</b>

Table 1: Median KPIs for European projects, before vs. after 2022. Source: DEEP, July 2026.

*Note: the moderately higher avoidance cost in buildings after 2022 reflects a shift in the measure mix toward smaller and on-site renewable measures, not a deterioration in cost-effectiveness; higher-cost measures remained economically attractive under changed market conditions.*

## **A broader portfolio of investment opportunities**

The new data also show a structural shift in the measure mix toward smaller-scale, operational and optimisation measures - for example lighting, HVAC controls, ICT, metering, monitoring and energy management - alongside continued investment in deep retrofits and capital-intensive industrial measures. Median project size has come down accordingly. The updated dataset reflects the full spectrum of efficiency opportunities available to project developers, building owners and industrial operators, from low-cost optimisation to deep retrofit.

## **New on the platform**

In addition to the new data, the relaunched DEEP includes:

- New measure categories: heat pumps, hybrid industrial heating, on-site renewable energy generation (PV and BIPV)
- Industry sector classification using NACE C at 2-digit level
- New filter options, including project age and implementation status (recommended / implemented)
- Refreshed visual design and improved usability
- Security and performance upgrades, hosted on the European Commission's cloud infrastructure

## **What comes next**

A broader relaunch is foreseen for the second half of 2026, with additional data expected from the European Investment Bank, national energy agencies, and other European partners. The European Energy Efficiency Financing Coalition will also organise a webinar series in autumn 2026 to present the new data and engage with policymakers, financial institutions and project developers.

## **About DEEP**

DEEP - the **De-risking Energy Efficiency Platform** - is the European Commission's open-source database for energy efficiency investment performance. Established in 2016 under EEFIG and now hosted by the European Energy Efficiency Financing Coalition, DEEP is operated by a consortium led by Viegand Maagøe with Fraunhofer ISI and ICCS-NTUA, on behalf of DG ENER.

Explore the data at [deep.ec.europa.eu](https://deep.ec.europa.eu)