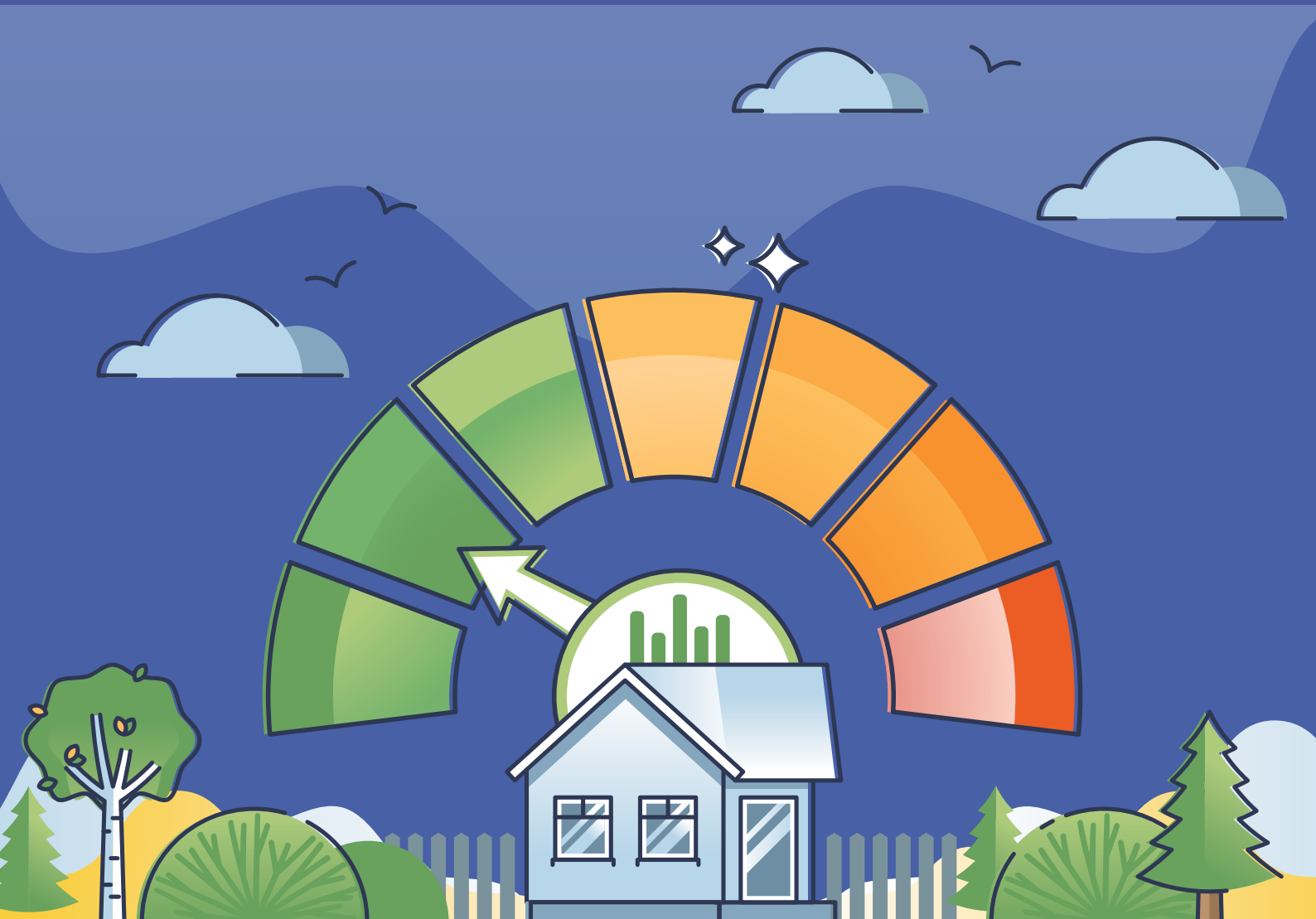


Reducing energy bills

Promoting clean and
energy efficient solutions for households



The rising cost of fuel and electricity has led to an increase in energy bills for households. EU-funded projects have addressed this challenge by exploring ways for consumers to tackle energy poverty and reduce their energy bills

High energy prices, coupled with the need for greater energy independence and the reduction of carbon emissions necessitate reducing fossil fuel consumption. These challenges have also exacerbated [energy poverty](#), with around 8 % of the EU population unable to keep their homes sufficiently warm in 2020.

To address these challenges, Europeans can lower their energy consumption and their bills by making more efficient and sustainable choices. These include replacing old appliances with more efficient ones and getting involved in collective purchase schemes and community energy actions. Vulnerable households challenged by energy poverty are particularly in need of support.

Consumers, however, are not the only focus. Replacing old, outdated heating and cooling appliances with more efficient and greener alternatives will significantly reduce energy consumption, CO₂ emissions and consumer expenses. For this reason, EU-funded projects are engaging with appliance manufacturers and retailers to help them comply with EU energy labelling rules. They also work with installers to ensure they are more aware of the most efficient and sustainable options and can correctly convey this information to their customers.

Eight EU-funded projects

The [Clean energy for all Europeans package](#) and the [European Green Deal](#) put consumers at the centre of EU's energy policy, calling to inform, involve and support them to take an active part in the clean energy transition, while addressing the risk of energy poverty.

The eight projects in this Results Pack highlight activities that help citizens reduce energy consumption and lower their bills by making more efficient and sustainable choices, while supporting the implementation of EU policy.

REPLACE

Making heating and cooling for European consumers efficient, economically resilient, clean and climate-friendly
Coordinated in Austria

REPLACE offered tools to residents to identify more efficient, renewables-based alternatives for upgrading their old heating systems.



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HARP

Heating Appliances Retrofit Planning
Coordinated in Portugal

HARP motivated consumers to replace their old and inefficient heating systems by providing an overview of alternative, more efficient, tailored heating solutions.



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HACKS

Heating and Cooling Know-how and Solutions
Coordinated in France

HACKS sought to transform the heating and cooling appliances market by streamlining searches for the most energy-efficient products, compiling easily accessible information for further comparisons.



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LABEL 2020

New Label driving supply and demand of energy efficient products
Coordinated in Austria

LABEL 2020 provided guidance to manufacturers, retailers and consumers on the newly redefined A-G energy efficiency scale.



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BELT

BOOST ENERGY LABEL TAKE UP
Coordinated in Italy

BELT helped consumers identify the most energy efficient household products to lower their energy bills and reduce their carbon footprint.



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CLEAR-X

Consumers Leading the EU's Energy Ambition Response, Expansion
Coordinated in Belgium

CLEAR-X helped consumers improve the energy performance and comfort of their homes, benefitting from collective purchases of renewable and energy-efficient technology.

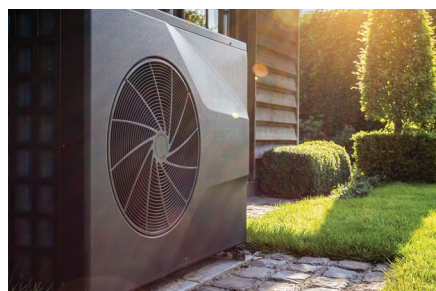


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HP4All

HEAT PUMPS SKILLS FOR NZEB CONSTRUCTION
Coordinated in Ireland

HP4All worked to improve consumers' knowledge of heat pumps and facilitate informed investments in this technology.



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SUITE

Scaling Up Innovation Together for Energy Vulnerability
Coordinated in Spain

SUITE established a network of Home Energy Advisors to help the most vulnerable households tackle energy poverty.



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EU initiatives contribute to lower energy bills

Buildings account for about 40 % of the EU's total energy consumption, with heating and cooling alone responsible for 80 % of energy use in residential buildings. With the recent disruptions in the global energy market due to Russia's invasion of Ukraine in 2022, the need to save energy in households is more urgent than ever.

In response, the European Commission's [REPowerEU Plan](#), backed by the “[Save gas for a safe winter](#)” initiative, has highlighted the importance of reducing household energy consumption.

In line with these initiatives, the eight EU-funded projects showcased in this Results Pack present innovative and sustainable solutions for households to save energy. From facilitating decision making when replacing heating and cooling technologies to participating in collective purchases, these projects empower Europeans with practical ways to reduce their energy consumption, drive down costs and create a more sustainable future.

Learn more about

REPowerEU: bit.ly/3KWXIDV

Green Deal: bit.ly/3LkXpyH

LIFE Clean Energy Transition: bit.ly/3MYI344

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