



FINANCIAL SUPPORT FOR RESIDENTIAL VENTILATION SYSTEMS

Your quick guide to European incentives for installation of mechanical ventilation systems during renovations

No renovation without ventilation.



Introduction

Financial support programmes for building renovations are important tools in the policy toolbox to mitigate climate change. Our old and energy-hungry building stock will have to be renovated to reduce energy consumption and achieve decarbonisation goals. Besides reducing carbon emissions, energy renovations can also lower energy bills, improve health and wellbeing, and lift living standards.

Financial support is needed to trigger renovations, especially in residential buildings. This is because, although renovations have many benefits, they come with a high upfront price tag. To this end, Member States have put in place dedicated support schemes, most of which are cofinanced by the European Union, through NextGenerationEU, Just Transition, or Regional Funds.

Support is usually provided for thermal insulation improvements, sustainable heating switches, and the installation of photovoltaics. But it is important to support ventilation improvements as well. Mechanical ventilation systems can help lower heating bills and improve Indoor Air Quality, which is especially important as improvements to the building envelope make the building more airtight. If not compensated for with better controlled ventilation, this could have dire consequences for the health and wellbeing of the occupants, as well as the integrity of the building.

This is why we promulgate the slogan **'no renovation without ventilation'**.

Thankfully, support is available for the installation of mechanical ventilation systems in many European countries. This report provides an overview of those programmes.

The overview is by necessity abridged. It is far beyond the scope of this publication to provide a comprehensive account of all conditions, requirements and modalities of each programme. Links to useful additional resources are included throughout, for readers interested to find out more.

Programme types and variations

Support schemes vary from country to country, in big and small ways. Major variables include the following.

TYPE OF SUPPORT:

1. **Subsidies and grant programmes:** You receive cash or vouchers for carrying out the measure, either upfront or after completing the work.
2. **Favourable loan programmes:** You take out a loan with low interest rates, reduced collateral requirements, and long-term maturity to finance the measure.
3. **Tax deductions and tax rebates:** You deduct (part of) the expense related to the measure from your tax bill, or benefit from other tax rebates if you carried out the measure.
4. **Competitive calls for projects:** You submit a proposal describing your intended project and vie for limited funding with other applicants. Projects are selected based on predefined selection criteria. Only selected projects receive funding.

APPROACH TO TARGETED MEASURES:

- **Support for stand-alone measures:** In some countries, the installation of a mechanical ventilation system can be funded as a stand-alone measure, without needing to be combined with any other measures or interventions.
- **Support for a combination of measures:** Other countries only fund the installation of a mechanical ventilation system if combined with a minimum number of other measures, or if part of a comprehensive renovation project that significantly reduces the energy consumption of the building.

BUILDING TYPES COVERED BY THE PROGRAMME:

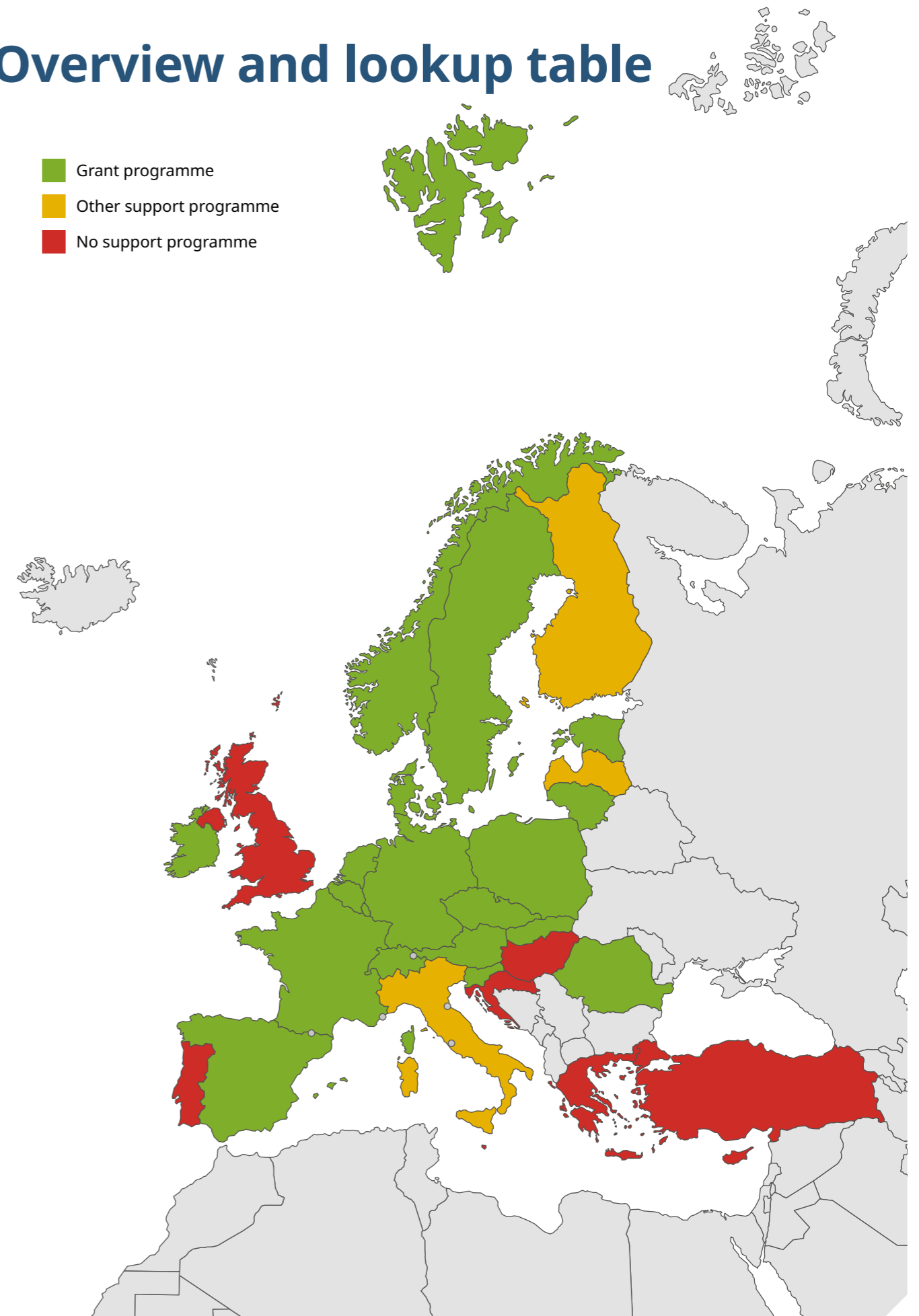
- Single-family homes
- Apartment buildings

ELIGIBLE APPLICANTS:

- Owner-tenants
- Housing associations and condominiums
- Public authorities
- Landlords and owners of rental properties
- Owners of second homes or vacation homes

Overview and lookup table

- Grant programme
- Other support programme
- No support programme



Country	Support for ventilation measures	Technical specification	Base grant amount	
Belgium	Brussels	Yes, as stand-alone measure	Central HRS ≥ 80% 3.000 EUR*	
			Central DCV exhaust system 1.550 EUR*	
	Flanders			
	Wallonia	Yes, as stand-alone measure	Central HRS ≥ 78% Local HRS ≥ 50%	1.700 EUR* 400 EUR* per device
			Central DCV exhaust system Local DCV exhaust device	700 EUR* 200 EUR* per device
Bulgaria				
Czechia	Yes, as stand-alone measure	HRS ≥ 75%	4.000 EUR in single-family homes 1.400 EUR per housing unit 2.000 EUR for public authorities	
Denmark	Yes, as stand-alone measure	HRS ≥ 80%	1.340 EUR	
Germany	Yes, as a stand-alone measure	HRS or central DCV exhaust system	15% of costs , up to 30.000 EUR per residential unit	
Estonia	Yes, in combination with measures improving the building energy class by at least 1		20% of costs , up to 20.000 EUR	
Ireland	Yes, in combination with measures improving the building energy class to at least B2		1.500 EUR for homeowners and private landlords 2.000 EUR for approved housing bodies	
Greece	No			
Spain	Yes, if it reduces building energy demand for heating and cooling by ≥ 7%		40% of costs , up to 3.000 per home	
France	Yes, in combination with a sustainable heating switch in single-family homes Yes, as a stand-alone measure in apartments	HRS	1.500 EUR*†	
Croatia	No			
Italy	Only a tax deduction scheme			
Cyprus	No			
Latvia	Only a favourable loan scheme			
Lithuania	Yes, in combination with measures reducing building energy consumption by ≥ 40%	HRS	30% of costs as a grant, with the remainder coverable as a loan	
Luxembourg	Yes, as a stand-alone measure	HRS ≥ 80%	56,25 EUR per m² of ventilated floor area , up to 62,5% of costs†	

Country	Support for ventilation measures	Technical specification	Base grant amount
Hungary	No		
Malta	No		
Netherlands	Yes, if combined with at least 1 thermal insulation or sustainable heating measure, for condominiums and housing associations	HRS ≥ 90% or DCV extract systems	15% of costs , up to 600 EUR‡
	Yes, as a stand-alone measure for landlords and rental properties	HRS ≥ 90% or DCV extract systems	30% of costs , up to 1.200 EUR
Austria	Vienna	Yes, in combination with measures significantly reducing building energy consumption	HRS 15 EUR per m² of ventilated floor area
	Burgenland	Yes, as a stand-alone measure	HRS ≥ 80% 800 EUR
	Tirol	Yes, as a stand-alone measure	HRS 30% of costs
	Vorarlberg	Yes, as a stand-alone measure	HRS 30% of costs , up to of 2.000 EUR for single-family homes or 1.000 EUR per housing unit
	Kärnten	Yes, as a stand-alone measure	HRS 1.600 EUR
	Steiermark	Yes, as a stand-alone measure	HRS 15% of costs
Poland	Yes, as a stand-alone measure	HRS	40% of costs* , up to 1.560 EUR
Portugal	No		
Romania	Yes, in combination with measures reducing building energy consumption by ≥ 40%	HRS ≥ 75%	60% of costs , up to 8.000 EUR
Slovenia	Yes, as a stand-alone measure	Central HRS ≥ 80%	30% of costs* , up to 2.500 EUR
		Local HRS ≥ 70%	30% of costs* , up to 300 EUR per device
Slovakia	Yes, in combination with measures reducing building energy consumption by ≥ 30%	Central HRS	95% of costs , up to 8.825 EUR
		Local HRS	95% of costs , up to 4.140 EUR
Finland	Only a tax deduction scheme and favourable loan scheme		
Sweden	Yes, if combined with a sustainable heating switch		50% of costs , up to 2.700 EUR
Norway	Yes, as a standalone measure for single-family homes	HRS	25% of costs , up to 425 EUR
	Yes, in combination with measures reducing building energy consumption by ≥ 20% for housing associations and condominiums		30% of costs

Country	Support for ventilation measures	Technical specification	Base grant amount	
Switzerland	Appenzell Innerrhoden	Yes, as a stand-alone measure	HRS ≥ 70%	2.550 EUR
	Bern			35% of costs, up to 3.190 EUR
	Basel-Stadt			40% of costs, up to 2.550 EUR
	Genève			5.110 EUR
	Graubünden			50% of costs, up to 5.320 EUR
	Schaffhausen			40% of costs, up to 3.725 EUR for single-family homes or 2.660 EUR per apartment
	Vaud			3.190 EUR
Turkey	No			
United Kingdom	No			

* Can be higher, depending on household income
† Can be higher, if combined with other available support programmes
‡ Can be higher, if combined with additional measures

A detailed overview country by country follows on the next pages.

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Belgium



In the Belgian federal system, support programmes for renovations are organised at regional level. All three regions have relevant support programmes.

BRUSSELS

Brussels has several support options for the installation of a mechanical ventilation system and other renovation measures. A great overview is provided on [this website](#).

€ SUBSIDY PROGRAMME PRIME RENOLUTION

The [Prime RENOLUTION](#) programme offers grants. It is targeted at both individual homeowners and condominiums.

The installation of a mechanical ventilation system can receive funding as a stand-alone measure without needing to be combined with other measures.

It covers both heat recovery systems with heat recovery efficiency of $\geq 80\%$ and demand-controlled mechanical exhaust systems.

The grant for a [central mechanical exhaust ventilation system](#) amounts to between 1.550 EUR and 2.230 EUR, depending on household income.

The grant for [central bidirectional ventilation with heat recovery](#) amounts to between 3.000 EUR and 4.300 EUR, depending on household income.

The grant can cover up to 90% of the total costs, including both the material and the installation costs.

No new applications for a Prime RENOLUTION have been possible since 15 August 2024 due to the depletion of the programme funds.

+ ADDITIONAL PROGRAMMES

Brussels also has other support programmes, among which:

- Owners can benefit from [favourable VAT rates](#) and rebates on [registration taxes](#) if they carry out energy renovations, subject to certain requirements.
- Brussels operates the [ECORENO](#) favourable interest loan programme for a wide range of renovation measures, including the installation of a mechanical ventilation system.

FLANDERS

Flanders, too, has a wide range of support options for renovation measures, although they do not cover the installation of a mechanical ventilation system as a stand-alone measure. An overview of relevant programmes can be found on [this website](#).

€ SUBSIDY PROGRAMME TOTAALRENOVATIEBONUS

Flanders had a relevant subsidy programme called [Totaalrenovatiebonus](#), which supported the installation of a mechanical ventilation system when combined with at least two other measures relating to thermal insulation and sustainable heating.

The programme admitted both heat recovery systems with heat recovery efficiency $\geq 75\%$ and demand-controlled systems.

The amount of the grant varied between 625 EUR and 4.750 EUR.

However, this subsidy programme is being phased out at the time of writing and replaced with the [Mijn VerbouwPremie](#). No new applications for the Totaalrenovatiebonus are possible; only measures already planned before 2022 can still receive funding.

Unlike its predecessor, the new Mijn VerbouwPremie does not currently cover the installation or upgrade of ventilation systems.

+ ADDITIONAL PROGRAMMES

Flanders has an array of other support schemes for general energy renovations:

- The [EPC-labelpremie](#) grants up to 5.000 EUR to upgrade worst-performing buildings to at least energy class B. This cannot be combined with other grants.
- Owners can benefit from rebates on property taxes and [inheritance taxes](#) if they carry out energy renovations, subject to certain requirements.
- The Flemish government also operates favourable loan programmes (including [Mijn VerbouwLening](#) and [Renovatiekrediet](#)) to carry out energy renovations.

Additional support specifically for the installation of mechanical ventilation systems is provided by certain municipalities, including, for example, [Ieper](#).

WALLONIA

Wallonia offers a similar range of support options as Brussels. These can be explored [here](#).

€ SUBSIDY PROGRAMME PRIMES HABITATION

Wallonia's [Primes Habitation](#) programme offers grants. It is targeted at both individual homeowners and condominiums.

The installation of a mechanical ventilation system can receive funding as a stand-alone measure without needing to be combined with other measures.

The programme admits both heat recovery systems and demand-controlled systems, both centralised and decentralised. Unidirectional systems must be demand-controlled, whereas bidirectional systems must have a heat recovery efficiency of $\geq 78\%$ for centralised systems and of $\geq 50\%$ for decentralised systems.

The eligible measures and the corresponding grant amounts are the following:

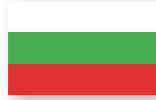
1. Centralised unidirectional system for the entire dwelling – 700 EUR
2. Decentralised unidirectional device for part of the dwelling – 200 EUR per device
3. Centralised bidirectional system for the entire dwelling – 1.700 EUR
4. Decentralised bidirectional device for part of the dwelling – 400 EUR per device

The above amounts are base amounts, which can be majorated up to six-fold, depending on income-based conditions. The grant can cover up to 90% of the total costs.

+ ADDITIONAL PROGRAMMES

Wallonia also has a [0-interest loan programme for home renovations](#), which can include ventilation system works. A loan of up to 60.000 EUR can be provided.

Bulgaria



Bulgaria does not have a permanent support programme for renovation works, let alone ventilation improvements. It occasionally publishes calls for projects aimed at improving energy efficiency of residential buildings. These calls can be viewed on the Information System for Management and Monitoring of EU Funds in Bulgaria, accessible [here](#).

EXAMPLE CALL FOR PROJECTS:

BG16FFPR003-4.00

At the time of writing, there was a call for projects (BG16FFPR003-4.001) for sustainable energy renovations of multi-family residential buildings in certain vulnerable regions and municipalities of Bulgaria.

The evaluation criteria include projected energy savings and CO₂-emission reductions from the planned renovation measures.

There is no mention of ventilation system improvements, although it is assumed that they could be part of the project.

The total amount of the grant under the procedure is around 100M EUR. Grants of between 26.600 EUR and 4,8M EUR are provided to successful applications.

Applications can be submitted until 19 September 2024.

Czechia



Czechia has a range of support programmes for renovations targeted at different owners and building types. Most of these can be overviewed [here](#).



SUBSIDY PROGRAMME

NOVÁ ZELENÁ ÚSPORÁM

The programme [Nová Zelená Úsporám](#) provides grants intended for the renovation of single-family homes and apartment buildings.

The installation of a mechanical ventilation system can receive funding as a stand-alone measure without needing to be combined with other measures.

It covers both centralised and decentralised systems with heat recovery, which must have a heat recovery efficiency of $\geq 75\%$, except for units with a heat pump using recovered heat for hot water.

In [single-family homes](#), the measure is eligible for a grant of 105.000 CZK (a little over 4.000 EUR).

[Housing associations and condominiums](#) can receive a grant of 35.000 CZK (just under 1.400 EUR) for each housing unit connected.

[Public authorities](#) can benefit from a grant of 50.000 CZK (around 2.000 EUR) per year.

The grant is paid out when the project has been completed.

Additional bonuses are available to low-income households in certain municipalities and regions by combining measures.



ADDITIONAL PROGRAMMES

Czechia also offers [subsidies and favourable loan programmes](#) for comprehensive energy renovations, which can include the installation of a heat recovery ventilation system as part of the package.

Denmark



Denmark offers clean energy subsidies through the Danish Energy Agency. It operates separate funds for heat pumps and energy renovations. These subsidies can be navigated [here](#).



SUBSIDY PROGRAMME

ENERGIRENOVERING

The funding pool for energy renovations, [Energirenoveringspuljen](#), is targeted at energy-saving improvements in single-family houses and apartment buildings.

The installation of a mechanical ventilation system can receive funding as a stand-alone measure without needing to be combined with other measures.

It only covers heat recovery systems, which must have a heat recovery efficiency of $\geq 80\%$ and energy label class A or A+. The exception is for units with an integrated heat pump, which must instead have a SCOP $\geq 3,8$.

The grant is 10.000 DKK (around 1.340 EUR).

Only homes which have a mechanical extraction *without* heat recovery or no mechanical ventilation system at all are eligible.

The grant is paid out when the project has been completed.

Germany



In Germany, federal subsidies for efficient buildings are operated by the Federal Office for Economic Affairs and Export Control.



SUBSIDY PROGRAMME BUNDESFÖRDERUNG FÜR EFFIZIENTE GEBÄUDE

The programme Bundesförderung für effiziente Gebäude brings together various funding opportunities aimed at promoting energy efficiency and renewable energies in the building sector. More information is accessible [here](#).

Under the subprogramme for individual measures, the [installation, replacement or optimisation of a mechanical ventilation system](#) can receive funding.

The programme admits centralised and decentralised heat recovery systems and centralised demand-controlled exhaust systems.

The grant amounts to 15% of eligible expenditure, capped at 30.000 EUR per residential unit. The measure can benefit from a bonus of 5% if part of an individual renovation schedule (so-called iSFP).

Eligible expenditure includes material costs and can also include costs of installation, planning, consulting services, and ancillary works under certain conditions.

The grant is paid out after the completion of the work.



ADDITIONAL PROGRAMMES

Through the German state-owned investment and development bank, KfW, it is also possible to get [favourable loans for energy efficiency renovations](#) of residential buildings for private individuals, companies and public entities.

Estonia



The Estonian Business and Innovation Agency, Kredex, operates grants programmes for residential renovations. Available programmes can be navigated on its [website](#).



SUBSIDY PROGRAMME VÄIKEELAMUTE REKONSTRUEERIMISTOETUS 2024 RRF

The grant programme [Väikeelamute rekonstrueerimistoetus 2024 RRF](#) is for single-family houses and buildings with no more than two housing units.

The grant can cover the installation or replacement of a ventilation system only if combined with other measures, which altogether improve the energy class of the building by at least one class. The grant does not cover the installation of a ventilation system as a stand-alone measure.

The programme admits all kinds of ventilation systems in case of partial renovation. In case of deep renovation, it is mandatory to install a bidirectional ventilation system with heat recovery with energy label class A or A+.

The subsidy amounts to 20% of eligible costs, up to 20.000 EUR per house. More funding is available in case of deep renovation.



SUBSIDY PROGRAMME REKONSTRUEERIMISTOETUS 2022-2027

The [Rekonstrueerimistoetus 2022-2027](#) programme is targeted at multi-apartment buildings.

The grant covers the installation or replacement of a ventilation system as part of a package of measures, which altogether must meet requirements related to the overall energy efficiency rating of the building. The grant does not cover the installation of a ventilation system as a stand-alone measure.

As part of the package of measures, it is mandatory to install a bidirectional heat recovery ventilation unit with heat recovery efficiency $\geq 70\%$.

The subsidy rate varies between 30% and 50% of the eligible costs of the renovation measures, depending on the location within Estonia.

The programme has been suspended due to exhaustion of funds. It may be refunded in future.



ADDITIONAL PROGRAMMES

Kredex also offers loan guarantees, whereas the [Rural Development Foundation](#) offers co-loans matching private credit institution loans at favourable rates.

Some municipalities offer subsidies as well.

Ireland



The Sustainable Energy Authority of Ireland (SEAI) administers grants and loans to improve the energy efficiency of residential properties, an overview of which can be found on their [website](#).



SUBSIDY PROGRAMME NATIONAL HOME ENERGY UPGRADE SCHEME

The [National Home Energy Upgrade Scheme](#) provides grants for energy efficiency renovations. The scheme is available to homeowners, private landlords and certain approved housing bodies.

The [installation of a mechanical ventilation system](#) is eligible if combined with measures that altogether upgrade the energy efficiency rating of the building to B2 or higher.

The grant for the mechanical ventilation system is 1.500 EUR for homeowners and private landlords and 2.000 EUR for approved housing bodies.

The company that carries out the work will deduct the grants from the cost of the works in advance, so you only pay what is outstanding.



ADDITIONAL PROGRAMMES

SEAI also administers grant schemes for individual energy efficiency improvements ([Better Energy Homes scheme](#)) and low-income households ([Warmer Homes Scheme](#)), neither of which cover ventilation systems. The Better Energy Homes scheme does cover heat pump systems that recover energy from exhaust air for water heating.

SEAI also administers the [Home Energy Upgrade Loan Scheme](#), which offers low-interest guaranteed loans for homeowners to make their property more energy efficient. The loan can cover the installation of a mechanical ventilation system if part of a package that improves the Building Energy Rating by at least 20%.

Greece



Greece does not have a permanent support programme for renovation works, let alone ventilation improvements. It has, in the past, published calls for projects aimed at improving energy efficiency of residential buildings.

EXAMPLE CALL FOR PROJECTS

ΕΞΟΙΚΟΝΟΜΩ - ΑΝΑΚΑΙΝΙΖΩ ΓΙΑ ΝΕΟΥΣ

In 2023, the call for projects [Εξοικονομώ - Ανακαινίζω για νέους](#) was open. Applications could be submitted until November 2023. It had a total budget of 300M EUR.

The programme targeted young people born after 1984, with household income below 50.000 EUR. Both single family houses and apartments were eligible.

The award criteria included prospective energy savings and indicators related to the vulnerability of the household and targeting the worst performing buildings.

It covered both energy upgrades under the 'Save' headline and aesthetic or functional home renovations under the 'Renovate' headline. The energy upgrades had to improve the building energy performance class by at least three classes. Ventilation improvements were not listed among the eligible interventions under the 'Save' headline.

Energy improvement measures under the 'Save' headline were covered for between 50% and 90% of eligible costs, depending on household income and composition. Other renovation measures under the 'Renovate' headline were covered for 30% of eligible costs. The maximum coverage of eligible costs amounted to 32.500 EUR.

Spain



Spain has support programmes for residential renovations as part of its Recovery and Resilience Plan. Although the programmes are national, they are administered through the Autonomous Communities. Read more about them [here](#).



SUBSIDY PROGRAMME

ACTUACIONES DE MEJORA DE LA EFICIENCIA ENERGÉTICA EN VIVIENDAS

The Programa de ayuda a las actuaciones de mejora de la eficiencia energética en viviendas provides grants to measures that improve the energy efficiency of single-family homes and apartment buildings. Applicants can be individual owners, condominiums or housing associations.

Any measure, including the installation of a mechanical ventilation system, is eligible if it achieves a reduction of at least 7% in the building's energy demand for heating and cooling or of at least 30% in the building's consumption of non-renewable primary energy.

The amount of the subsidy is 40% of the cost of the measure, up to 3.000 EUR per home.



SUBSIDY PROGRAMME

ACTUACIONES DE REHABILITACIÓN A NIVEL DE EDIFICIO

The Programa de ayuda a las actuaciones de rehabilitación a nivel de edificio is targeted at comprehensive energy renovations, with a special emphasis on the building envelope.

Projects are eligible if they achieve a reduction of at least 25% in the building's energy demand for heating and cooling or of at least 30% in the building's consumption of non-renewable primary energy.

It covers significantly more than the previous programme: between 40% and 80% of the eligible costs can be reimbursed – a maximum of 6.300 to 18.000 EUR per home – depending on the level of energy savings achieved.



ADDITIONAL PROGRAMMES

In Spain, it is also possible to benefit from [tax deductions](#) and [favourable loans](#) up to 30.000 EUR for certain energy-saving renovation works.

France



France has a wide range of support options for energy renovations, which are helpfully summarised in the [2024 National Housing Agency Guide](#).



SUBSIDY PROGRAMME

MAPRIMERENOV'

The [MaPrimeRenov'](#) programme offers grants for energy renovations. It is targeted at both individual owners and housing associations or condominiums.

The installation of a balanced ventilation system can benefit from a grant if combined with a sustainable heating measure. In apartments, it is covered as a stand-alone measure without the need to be combined with other measures.

The amount of the grant for the installation of a balanced ventilation system varies between 1.500 and 2.500 EUR, depending on household income.

The grant is paid out after the completion of the work.

ENERGY SAVING OBLIGATION SCHEME

CERTIFICATS D'ÉCONOMIES D'ÉNERGIE

The [Certificats d'économies d'énergie](#) scheme is an energy saving obligation scheme, thanks to which owners and tenants can receive grants, vouchers or discounts from their energy suppliers for energy saving measures. Energy retailers have to prove that their customers have achieved energy savings or else pay penalties to the government.

A large range of [standardised energy saving measures](#) are eligible, including the installation of a mechanical ventilation system. It admits both heat recovery systems with heat recovery efficiency $\geq 85\%$ for individual housing and $\geq 75\%$ for collective housing (operation n° BAR-TH-125), as well as demand-controlled exhaust systems (operation n° BAR-TH-127).

The amount of aid is calculated on a case-by-case basis. This support can be combined with MaPrimeRenov' grants. The current programme runs until 30 June 2028.



ADDITIONAL PROGRAMMES

France also offers a [zero rate eco-loan](#) programme for comprehensive or targeted energy renovations, which may include ventilation works. This loan may also be combined with MaPrimeRenov' grants.

Croatia



Croatia does not have a permanent support programme for renovation works, let alone ventilation improvements. It does publish occasional calls for projects aimed at improving energy efficiency of residential buildings. Most of these are funded by the Environmental Protection and Energy Efficiency Fund. Calls can be accessed through the Fund's [online portal](#).

EXAMPLE CALL FOR PROJECTS

ENU-1/24

A 2024 call ([EnU-1/24](#)) – now closed, but which may be funded again in future – was aimed at co-financing the energy renovation of single-family houses or buildings with up to 3 residential units.

Successful applicants could get up to 60% co-financing or up to 62.120 EUR for measures improving the thermal insulation, switching to a renewable heating system, or installing photovoltaic panels. Ventilation was not considered.

EXAMPLE CALL FOR PROJECTS

NPOO.C7.2.I1.01

A 2022 call ([NPOO.C7.2.I1.01](#)) – also closed – was aimed at multi-apartment buildings, financing renovation projects that resulted in energy savings of at least 50%.

Ventilation system improvements and measures to ensure healthy indoor climate conditions could be covered by the grant.

Funded projects got between 19.900 EUR and 2,9M EUR, covering up to 85% of the costs.

Italy



Italy offers support for the installation of a mechanical ventilation system and other renovation measures through tax deductions. An overview of possible tax deductions can be found on the [website](#) of the National Agency for Energy Efficiency.

From 2025, all the Italian incentive mechanisms will be revised to set a clearer path towards the 2030 decarbonisation target.

TAX DEDUCTION SCHEME

ECOBONUS

The [Ecobonus](#) scheme is a tax deduction for eligible expenses on energy renovations. Up to 65% of eligible expenses can be deducted, spread over 10 years.

The installation of a mechanical ventilation system is eligible for deduction only when combined with thermal insulation and sustainable heating measures, and even then, only in particular cases as described in section 16.D of the [Ecobonus FAQ](#).

TAX DEDUCTION SCHEME

BONUS CASA

The [Bonus casa](#) scheme is a tax deduction for expenses on generic building renovations, which can cover functional, structural or aesthetic measures, not only energy-related measures.

Up to 50% of eligible expenses can be deducted, spread over 10 years.

Cyprus



Cyprus offers support for residential energy renovations through recurring competitive grant schemes.

These can cover the installation of photovoltaic systems, thermal insulation improvements, the installation of solar shading systems, and upgrades to space heating, space cooling and domestic hot water systems.

The installation of a mechanical ventilation system is not eligible under any of them.

Latvia



ALTUM is the Latvian state-owned development bank which operates a support programme for energy renovations. An overview can be found on their [website](#).

FAVOURABLE LOAN PROGRAMME

DAUDZDZĪVOKĻU MĀJU ENERGOEFEKTĪVĪTĀTE 2022 - 2026

The loan programme [Daudzdzīvokļu māju energoefektivitāte 2022 - 2026](#) is targeted at renovation projects achieving at least 30% primary energy savings.

Expenses related to the installation of a mechanical ventilation system or upgrades to it can be included in the loan amount.

The support takes the form of a co-loan, in which ALTUM offers a loan at favourable rates, matching a parallel loan taken out with a private credit institution.

The loan from ALTUM covers 49% of the eligible costs, with the parallel loan covering the remaining 51% of costs. In addition, ALTUM offers a credit guarantee for the parallel loan.

If the applicant was turned down for a loan from a private credit institution, ALTUM can still offer a loan as sole financier.

The deadline for projects is 2026.

Lithuania



The Lithuanian Environmental Project Management Agency publishes regular calls for projects that help achieve energy and climate goals, including several calls over the past year that were targeted at energy renovation projects in residential buildings. All calls can be viewed through their [online portal](#).

EXAMPLE CALL FOR PROJECTS

NR. DNM-AM-DNAM11

The call [Daugiabučių namų atnaujinimas \(modernizavimas\), skydinė renovacija Nr. DNM-AM-DNAM11](#) is targeted at owners of apartments in multi-apartment buildings.

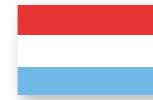
It offers support for renovation projects aimed at achieving at least building energy efficiency class B and reducing the calculated thermal energy costs by at least 40%.

Projects must include the installation of a mechanical ventilation system with heat recovery, the cost of which is eligible for funding.

The funding combines subsidies of up to 30% of eligible costs with favourable loan arrangements that can cover remaining costs.

Applications are accepted until 30 October 2024.

Luxembourg



In Luxembourg, support for energy renovations can be obtained through a state subsidy programme, and the country has an energy saving obligation scheme as well. Several municipalities provide additional support. The three programmes are cumulative and can be combined.

An overview of all forms of support can be found [here](#). It is also possible to simulate all available support for any eligible measure through this [online tool](#).



SUBSIDY

PROGRAMME KLIMABONUS

The programme is targeted at both single-family homes and apartment buildings.

The [installation of a mechanical ventilation system](#) can be supported as a stand-alone measure. Only heat recovery systems qualify, which must have heat recovery efficiency $\geq 80\%$.

The level of support for this measure is 56,25 EUR per m² of ventilated floor area, not exceeding 62,5% of eligible costs. For vulnerable households, the limit can go up to 100% of eligible costs.

ENERGY SAVING OBLIGATION SCHEME

ENOPRIMES

The [enoprimes](#) scheme is an energy saving obligation scheme, thanks to which owners and tenants can receive grants from their energy suppliers for energy saving measures.

The [installation of a mechanical ventilation system](#) can be supported as a stand-alone measure.

The terms are identical to the Klimabonus grant, and the two grants can be combined. The enoprimes grants an additional 6 EUR per m².



ADDITIONAL PROGRAMMES

Luxembourg also has a [favourable loan programme](#), [beneficial amortisation rules for rental properties subject to renovation](#), and a 'super-reduced' VAT rate of 3% on [renovation works](#).

Hungary



Hungary does not have a permanent support programme for renovation works. It does publish calls for projects aimed to improve energy efficiency of residential buildings as part of its Recovery and Resilience Plan.

These calls can be viewed on the public tender portal, accessible [here](#).

Although there are currently [active calls](#), they do not cover the installation of a mechanical ventilation system.

Malta



Malta does not have a permanent support programme for renovation works. It does publish calls for projects aimed at improving energy efficiency of buildings.

These calls can be viewed on the public tender portal, accessible [here](#).

There are no active calls at the time of writing.

Netherlands



The Netherlands has a range of support programmes for residential renovations, which include grants and favourable loans. These can be navigated on this [website](#).



SUBSIDY PROGRAMME

SVVE

The programme [Subsidie Verduurzamingsmaatregelen voor Verenigingen van Eigenaars](#) (SVVE) is targeted at residential buildings owned by condominiums and housing associations.

The subsidy can cover the installation of a mechanical ventilation system if combined with at least one other measure related to thermal insulation or sustainable heating.

It admits both extract ventilation systems (only if demand-controlled based on CO2 measurement) and heat recovery systems with heat recovery efficiency $\geq 90\%$.

The amount of the grant is 15% of the eligible costs of the ventilation system, up to 600 EUR, if combined with only one additional measure. If combined with two or more additional measures, the grant for the ventilation system rises to 30% of the costs, up to 1.200 EUR.

The grant is paid out ahead of the works if the total amount is under 25.000 EUR. Otherwise, 70% is paid out ahead, and the rest after completion of the works.

The programme runs until 31 December 2027.



SUBSIDY PROGRAMME

SVOH

The programme [Subsidieregeling Verduurzaming en Onderhoud Huurwoningen](#) (SVOH) is targeted at landlords who want to renovate their rental properties.

The subsidy can cover the installation of a mechanical ventilation system as a stand-alone measure. It admits both extract ventilation systems (only if demand-controlled based on CO2 measurement) and heat recovery systems with heat recovery efficiency $\geq 90\%$.

The grant covers 30% of the eligible costs of the ventilation system, up to 1.200 EUR.

The programme runs until 31 December 2025.



ADDITIONAL PROGRAMMES

The Netherlands also has:

- A [subsidy programme for owner-occupiers](#), which currently does not cover mechanical ventilation systems, although this may change in future.
- A [favourable loan](#) programme for owner-occupiers to finance energy-saving investments in their homes, which can include certain ventilation-related works.

Austria



In Austria, support programmes are organised at the state level. Most states have financial support programmes for residential ventilation, as do some municipalities.

VIENNA

In Vienna, the installation of a mechanical ventilation system can be funded if part of a comprehensive renovation that achieves a significant heating demand reduction.

For the installation of a ventilation system with heat recovery, the grant amounts to 15 EUR per m² of living space.

More information can be found on the websites of [Stadt Wien](#) and [wohnfonds Wien](#).

BURGENLAND

In Burgenland, the installation of a mechanical ventilation system can be funded as a standalone measure.

It admits only heat recovery systems, centralised or decentralised, which must have a heat recovery efficiency of $\geq 80\%$.

The basic grant covers 30% of eligible costs, up to 800 EUR. This limit can be majorated up to 1.400 EUR in certain cases.

More information can be found [here](#).

TIROL

In Tirol, the installation of a mechanical ventilation system can be funded as a standalone measure.

It admits only heat recovery systems, which can be centralised or decentralised.

The support can take the form of a grant amounting to 30% of eligible costs or a subsidy of 40% of the initial burden of a bank loan.

More information can be found [here](#).

VORARLBERG

In Vorarlberg, the installation of a mechanical ventilation system can be funded as a standalone measure.

It admits only heat recovery systems, which can be centralised or decentralised.

The grant amounts to 30% of the eligible costs, up to 2.000 EUR for single-family homes or 1.000 EUR for multi-apartment buildings.

More information can be found [here](#).

KÄRNTEN

In Kärnten, the installation of a mechanical ventilation system can be funded as a standalone measure.

It admits only heat recovery systems.

The support amounts to 1.600 EUR.

More information can be found [here](#).

STEIERMARCK

In Steiermark, the installation of a mechanical ventilation system can be funded as a standalone measure.

It admits only heat recovery systems.

The support amounts to 15% of eligible costs.

More information can be found [here](#).

Poland



Poland has a support programme in place for various energy efficiency and renewable heating measures, including the installation of a mechanical ventilation system. The programme can be found [here](#).



SUBSIDY PROGRAMME

CZYSTE POWIETRZE

The programme is targeted at both individual owners and housing associations or condominiums and both single-family houses and multi-apartment buildings.

The programme covers the installation of a mechanical ventilation system as a stand-alone measure.

It admits only heat recovery units, which must have an energy label class A or higher and be registered in the [green devices and material list](#).

For this single measure, the grant amounts to 40% of total costs, up to 1.560 EUR. This base rate can be majorated depending on household income, all the way to 100% of eligible costs for a maximum of 3.890 EUR.

The limit can be raised if the ventilation system installation is combined with other energy efficiency and renewable heating measures, up to a maximum of 31.450 EUR.

The programme will make commitments until the end of 2027.

Portugal



Portugal has a few subsidy schemes for residential energy renovations. These can cover thermal insulation improvements, interventions in heating and cooling, water saving measures, and the installation of photovoltaics. The installation of a mechanical ventilation system is not eligible under any of these programmes.

Romania



Romania has published calls for projects aimed at improving the energy efficiency of residential buildings as part of its National Recovery and Resilience Plan. These grant schemes could cover the installation, rehabilitation, and modernisation of mechanical ventilation systems. Most of these calls are meanwhile closed.

The exception is the Casa Eficientă Energetic scheme, which has been re-activated thanks to an injection of funds from the EU Resilience and Recovery Facility.

CALL FOR PROJECTS

CASA EFICIENTĂ ENERGETIC

The scheme [Casa Eficientă Energetic](#), targeted at energy efficiency improvements in single-family houses, has been re-activated.

It is currently funded for 60.000 projects, which will be selected based on award criteria targeting worst-performing buildings and economically vulnerable households.

The grant can cover the installation of a centralised heat recovery ventilation system with heat recovery efficiency $\geq 75\%$ if combined with other measures that altogether achieve building energy savings of at least 40%. To receive the highest level of funding, the installation of such a ventilation system is mandatory.

The grants cover 60% of eligible costs, up to 40.000 to 70.000 RON (around 8.000 to around 14.000 EUR) per project. The amount depends on the energy savings achieved.

Slovenia



Slovenia offers grants to improve energy efficiency of residential buildings. These grant programmes can be viewed on the website of the Slovenian Environmental Public Fund [here](#).

€ SUBSIDY PROGRAMME ZER 2024

Although published as a call for projects, the [ZER 2024](#) programme has no competitive selection. Instead, grants will be paid out to eligible projects on a first-come-first-serve basis until depletion of the funds.

The programme is targeted at owner-tenants who live in conditions of energy poverty, both in single-family homes and apartment buildings.

The installation of a mechanical ventilation system with heat recovery is eligible for funding as a stand-alone measure. The ventilation unit must have an energy label class A or A+.

The grant covers 100% of eligible costs, up to 18.000 EUR.

€ SUBSIDY PROGRAMME 114SUB-OB24

Although published as a call for projects, the [114SUB-OB24](#) programme has no competitive selection. Instead, grants will be paid out to eligible projects on a first-come-first-serve basis until depletion of the funds.

The programme is targeted at both tenants and owners of single-family homes and apartment buildings, including housing associations and condominiums.

The installation of a mechanical ventilation system with heat recovery is eligible for funding as a stand-alone measure.

Units in centralised systems must have a heat recovery efficiency of $\geq 80\%$ or have an enthalpy heat exchanger with an efficiency of $\geq 74\%$. Units for decentralised ventilation must achieve heat recovery efficiency $\geq 70\%$.

The grant covers 30% of eligible costs, up to 2.500 EUR for a centralised system and up to 300 EUR per device for decentralised ventilation.

+ ADDITIONAL PROGRAMMES

There are additional calls open at the time of writing that cover the installation of a mechanical ventilation system with heat recovery, which offer support in the form of a favourable loan.

Slovakia



Slovakia operates a recurring call for projects scheme aimed at improving the energy efficiency of residential buildings as part of its National Recovery and Resilience Plan.

CALL FOR PROJECTS

OBNOV DOM

The [Obnov Dom](#) scheme issues recurring calls for projects. Six calls have been published so far, with the latest one open until 6 September 2024. The scope of eligible applicants varies from call to call.

The installation of a mechanical ventilation system with heat recovery is eligible for funding if part of a comprehensive energy renovation which reduces primary energy use by at least 30%.

In the latest call, the grant covers 95% of eligible expenses. The maximum amount of support for the installation of a mechanical ventilation system is 4.140 EUR for decentralised systems and 8.825 EUR for centralised systems.

The maximum amount of support for the entire renovation project is 18.000 EUR. This limit can be increased up to 22.800 EUR if the project achieves energy savings of more than 60%.

Finland



The Finnish Housing Finance and Development Centre used to operate a grant programme for projects that improve the energy efficiency of residential buildings, which could include measures to improve indoor climate conditions. This programme ended in 2023.

It is still possible to get support for energy renovation in the ways described below.

TAX DEDUCTION SCHEME

KOTITALOUSVÄHENNYS

Finland has a household tax deduction allowance of a maximum of 2.250 EUR per year for maintenance and basic improvement investments that promote the home's energy efficiency.

More information can be found on the website of the [Finnish Tax Administration](#).

FAVOURABLE LOAN PROGRAMME

Finnish Housing Finance and Development Centre operates loan guarantees for housing associations and favourable interest loan programmes for public entities and non-profit entities that provide social housing. These loan programmes apply to basic improvements and energy efficiency renovations.

More information on [their website](#).

Sweden



Sweden has a subsidy programme managed by the Housing Authority and a tax deduction scheme for energy renovations in residential buildings.



SUBSIDY PROGRAMME

BIDRAG FOR ENERGIEFFEKTIVISERING I SMAHUS

The [programme](#) is targeted at single-family homes with direct electric heating or gas heating and provides a grant for switching to a sustainable source of heating.

The grant can cover the installation of an airborne heating distribution system if combined with a sustainable heating switch. It can also cover the installation of a heat pump that recovers heat from exhaust air.

The grant covers 50% of the materials costs, up to 2.700 EUR. Labour costs are not covered.

The grant is paid out when the measures are completed.

Applications can be submitted until 1 June 2025.

TAX DEDUCTION SCHEME

ROT

Sweden also has a [general renovation tax deduction](#), which covers repairs, conversions and extensions. It applies to both single-family homes and apartment buildings.

This deduction covers a large range of activities and may include installation, repair and replacement work on the ventilation system.

Only labour costs may be deducted. Material costs and travel expenses do not confer entitlement to tax deductions.

Normally, up to 50.000 SEK (roughly 4.400 EUR) may be deducted per person in the household. This has been temporarily increased to 75.000 SEK (roughly 7.000 EUR) per person since 01 July 2024 and will apply for the whole of 2024.

Norway



In Norway, clean energy support programmes are managed by [Enova](#) and financed through government funding and a tariff on electricity to consumers.



SUBSIDY PROGRAMME FOR SINGLE-FAMILY HOMES

The programme for single-family homes takes the form of a grant.

The [installation of a mechanical ventilation system](#) is eligible as a stand-alone measure. The system must have a heat recovery unit with a temperature efficiency of $\geq 80\%$.

This measure can benefit from a grant covering 25% of eligible costs, up to 5.000 NOK (around 425 EUR). The support rate was reduced from 10.000 NOK (around EUR 850) in 2023.

The grant is paid out after the measure has been carried out.

CALL FOR PROJECTS FOR HOUSING ASSOCIATIONS AND CONDOMINIUMS

For housing associations and condominiums, there is an open [call for projects](#) aimed at improving energy efficiency.

Funding will be awarded competitively to the projects projected to achieve the most energy savings for the least costs. Projects must target at least a 20% reduction in the building's calculated delivered energy.

The installation of a mechanical ventilation system could be eligible as part of the project.

The support can cover up to 30% of the costs for a maximum of 10M NOK (around 858.000 EUR).

Switzerland



The Swiss [Gebäudeprogramm](#) is a subsidy programme for residential energy renovations, supported jointly by the federal government and the cantons. The latter are responsible for its implementation.

Several cantons offer grants for the installation of a mechanical ventilation system with heat recovery (measure M-09). The unit must have a heat recovery efficiency of $\geq 70\%$.

APPENZEL INNERRHODEN

Appenzell Innerrhoden offers a flat-rate grant of 2.400 CHF for measure M-09. More information [here](#).

BERN

Bern covers 35% of eligible costs, up to 3.000 CHF. More information [here](#).

BASEL-STADT

Basel-Stadt covers 40% of eligible costs, up to 2.400 CHF. More information [here](#).

GENÈVE

In Genève, the measure is eligible for a grant of 4.800 CHF per dwelling. More information [here](#).

GRAUBÜNDEN

Graubünden grants 50% of eligible costs, up to 5.000 CHF per dwelling and 100.000 CHF per building. More information [here](#).

SCHAFFHAUSEN

Schaffhausen supports 40% of eligible costs, up to 3.500 CHF for single-family homes or up to 2.500 CHF per apartment in multi-apartment buildings. More information [here](#).

VAUD

In Vaud, the measure is eligible for a grant of 2.400 CHF per dwelling. More information [here](#).



ADDITIONAL PROGRAMMES

It is also possible in most cantons to deduct expenses for building renovations from federal taxes.

Türkiye



Türkiye has no financial support programmes for energy renovations of residential buildings.

United Kingdom



Although there is a wide range of support programmes for energy renovations in England, Wales, Scotland and Northern Ireland, none of them cover the installation of a mechanical ventilation system.



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