



Renewable energy policy database and support – RES-LEGAL EUROPE

Regional profile: Wallonia

Client: DG Energy

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Wallonia – Summary text

In the Walloon region, the generation of electricity through renewable energy plants is promoted through the federal system of green certificates as well as through regional support schemes such as investment assistance for companies or for public bodies and net-metering. The generation of heat through renewable energy plants is promoted through a system of energy subsidies, the granting of a zero-percent interest loan as well as through investment assistance for companies.

In the Walloon region, access of electricity from renewable energy sources is basically regulated by the Walloon grid code and by the regional electricity market decree. Electricity from renewable energy sources is given priority in both connection to and use of the grid.

Several policies aim at promoting the development, installation and usage of RES-installations, including training programmes for RES-installers; research, development and dissemination (RD&D) programmes; a building obligation for the use of renewable heating and a support scheme for the development of the RES-H infrastructure. Moreover, the Walloon government has developed a programme ensuring the exemplary role of public authorities.



RES-E support schemes

Summary of support schemes

Overview	In the Walloon region, the generation of electricity through renewable energy plants is promoted through the federal system of green certificates as well as through regional support schemes such as investment assistance for companies or for public bodies and net-metering.
Summary of support system	<ul style="list-style-type: none"> • Quota system (certificats verts – soutien kECO): In the Walloon region, renewable electricity generation is promoted through a quota system based on quota obligations. Electricity suppliers are obliged to prove, by submitting certificates, that a certain statutory and continuously increasing proportion (quota) of the electricity they supply was generated from renewable sources. The minimum price per certificate is guaranteed by statutory law. • Subsidy (Qualiwatt): Photovoltaic installations of less than or equal to 10 kW are eligible to the Qualiwatt subsidy, which is allocated by the distribution system operators based on the amount of power produced. • Subsidy (Aide à l'investissement): Within the bounds of its available budget, the Walloon Region provides investment assistance for companies which develop projects aiming at developing the sustainable use of energy, including investments in renewable energy plants. • Net Metering (Mécanisme de compensation): In the Walloon region, small autoproducers of green electricity are entitled to benefit from a compensation mechanism for the difference between the amount of electricity taken from the grid and the amount of electricity fed into the grid (net-metering).
Technologies	The systems of green certificates and of net-metering promote all renewable electricity generation technologies. Moreover, the subsidies of the Walloon region promote the use of biogas and biomass CHP plants, solar energy, hydro-power as well as wind power plants. A further subsidy called "Qualiwatt" is available only for PV installations.



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Statutory provisions

- Arrêté du 30 novembre 2006 - Arrêté du Gouvernement wallon relatif à la promotion de l'électricité produite au moyen de sources d'énergie renouvelables ou de cogénération (Decree of the Walloon Government of 30 November 2006 on Support for Renewable Energy and Combined Heat and Power Generation)
- AGW-OSP du 30 mars 2006 – Arrêté du Gouvernement wallon relatif aux obligations de service public dans le marché de l'électricité (Decree of the Walloon Government of 30 March 2006 on Public Service Obligations in the Electricity Sector)
- Décret du 12 avril 2001- Décret relatif à l'organisation du marché régional de l'électricité (Decree of 12 April 2001 on the Organisation of the Regional Electricity Market)
- Décret du 23 janvier 2014 (Décret du 23 janvier 2014 modifiant le décret wallon du 12 avril 2001 relatif à l'organisation du marché régional de l'électricité - Decree of 23 January 2014 modifying the decree of 12 April 2001 on the Organisation of the Regional Electricity Market)
- Circulaire du 29 septembre 2006 (Circulaire du 29 septembre 2006 relative aux modalités d'application de l'arrêté du Gouvernement Wallon du 2 décembre 2004 - Circular of 29 September 2006 regarding the application conditions of the Decree of the Walloon Government)
- Arrêté du 2 décembre 2004 (Arrêté du 2 décembre 2004 du Gouvernement Wallon portant exécution du décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie - Decree of 2 December 2004 of the Walloon Government implementing the decree of 11 March 2004 on the incentives aiming at the promotion of environmental protection and sustainable use of energy)
- Décret du 11 mars 2004 (Décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie - Decree of 11 March 2004 regarding the incentives aiming at the promotion of environmental protection and sustainable use of energy)
- Arrêté du 3 mars 2011 (Arrêté du 3 mars 2011 du Gouvernement wallon approuvant le règlement technique pour la gestion des réseaux de distribution d'électricité en Région wallonne et l'accès à ceux-ci - Decree of 3 March 2011 of the Walloon Government approving the technical regulations for the administration of and the access to the distribution grids in the Walloon Region.)



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	<ul style="list-style-type: none">• Décret du 11 décembre 2013 (Décret du 11 décembre 2013 contenant le budget des recettes de la Région wallonne pour l'année budgétaire 2014 - Decree of 11 December 2013 containing the revenue budget of the Walloon Region for the budget year 2014)• Arrêté du 3 avril 2014 (Arrêté du 3 avril 2014 du Gouvernement wallon modifiant l'arrêté du Gouvernement wallon du 30 novembre 2006 relatif à la promotion de l'électricité produite au moyen de sources d'énergie renouvelables ou de cogénération - Decree of the Walloon Government of 3 April 2014 modifying the decree of the Walloon Government of 30 November 2006 on Support for Renewable Energy and Combined Heat and Power Generation)
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Basic information on legal sources

Name of legal source (original language)	30 novembre 2006 – Arrêté du Gouvernement wallon relatif à la promotion de l'électricité produite au moyen de sources d'énergie renouvelables ou de cogénération	30 mars 2006 – Arrêté du Gouvernement wallon relatif aux obligations de service public dans le marché de l'électricité	12 avril 2001 - Décret relatif à l'organisation du marché régional de l'électricité	Arrêté du 3 avril 2014 du Gouvernement wallon modifiant l'arrêté du Gouvernement wallon du 30 novembre 2006 relatif à la promotion de l'électricité produite au moyen de sources d'énergie renouvelables ou de cogénération
Full name				
Name (English)	Decree of the Walloon Government of 30 November 2006 on Support for Renewable Energy and Combined Heat and Power Generation	Decree of the Walloon Government of 30 March 2006 on Public Service Obligations in the Electricity Sector (AGW-OSP)	Decree of 12 April 2001 on the Organisation of the Regional Electricity Market	Decree of the Walloon Government of 3 April 2014 modifying the decree of the Walloon Government of 30 November 2006 on Support for Renewable Energy and Combined Heat and Power Generation
Abbreviated form	Arrêté du 30 novembre 2006	AGW-OSP du 30 mars 2006	Décret du 12 avril 2001	Arrêté du 3 avril 2014
Entry into force	01.01.2007	26.06.2006	11.05.2001	17.05.2014
Last amended on	02.03.2015	23.10.2015	27.06.2014	



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Future amendments				
Purpose	Supporting renewable electricity generation	This decree implements the "European Directive concerning Common Rules for the Internal Market in Electricity" in the region of Wallonia.	This decree implements the "European Directive on the Promotion of the Use of Energy from Renewable Sources" and the "European Directive concerning Common Rules for the Internal Market in Electricity" in the region of Wallonia.	This decree aims at adapting the level of support of photovoltaic installations following the strong increase of system prices, in order to prevent speculation bubbles.
Relevance for renewable energy		The decree introduces the grid operators' obligation to purchase electricity from renewable sources and sets the minimum price for green certificates.		Article 1 modifies the amount of green certificates allocated to photovoltaic installations over 10 MW.
Link to full text of legal source (original language)	https://wallex.wallonie.be/index.php?doc=8946&rev=8067-20366	https://wallex.wallonie.be/index.php?doc=8986&rev=8106-20568	http://wallex.wallonie.be/index.php?doc=9075	http://wallex.wallonie.be/index.php?doc=27860&rev=29237-19387
Link to full text of legal source (English)				



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Name of legal source (original language)	Arrêté du 3 mars 2011 du Gouvernement wallon approuvant le règlement technique pour la gestion des réseaux de distribution d'électricité en Région wallonne et l'accès à ceux-ci.	Arrêté ministériel du 29 septembre 2011 déterminant le facteur de réduction « k » à partir du 1 ^{er} octobre 2011		Décret du 11 décembre 2013 contenant le budget des recettes de la Région wallonne pour l'année budgétaire 2014
Full name				
Name (English)	Decree of 3 March 2011 of the Walloon Government approving the technical regulations for the administration of and the access to the distribution grids in the Walloon Region.	Ministerial Decree of 29 September 2011 defining the factor "k" as of 1 October 2011		Decree of 11 December 2013 containing the revenue budget of the Walloon Region for the budget year 2014
Abbreviated form	Arrêté du 3 mars 2011	Arrêté du 29 septembre 2011		Décret du 11 décembre 2013
Entry into force	21.05.2011	01.10.2011		01.01.2014
Last amended on		13.06.2015		
Future amendments				



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Purpose	This decree specifies the technical regulations for the Walloon distribution grid.			
Relevance for renewable energy	This decree also regards the green electricity production plants.	The factor „k“ is a coefficient which reduces the number of green certificates issued per unit of electricity		This decree extends the application of the fee for RES-E producers operating installations with a capacity over 10 kW.
Link to full text of legal source (original language)	http://wallex.wallonie.be/index.php?doc=19977	https://wallex.wallonie.be/index.php?doc=21339&rev=22356-20397		http://wallex.wallonie.be/index.php?doc=26999&rev=28316-15565
Link to full text of legal source (English)				



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Name of legal source (original language)	Circulaire du 29 septembre 2006 relative aux modalités d'application de l'arrêté du Gouvernement Wallon du 2 décembre 2004 relatifs aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie	Arrêté du 2 décembre 2004 du Gouvernement Wallon portant exécution du décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie	Décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie	Décret du 23 janvier 2014 modifiant le décret du 12 avril 2001 relatif à l'organisation du marché régional de l'électricité
Full name				
Name (English)	Circular of 29 September 2006 regarding the application conditions of the Decree of the Walloon Government on the incentives aiming at the promotion of environmental protection and sustainable use of energy	Decree of 2 December 2004 of the Walloon Government implementing the decree of the 11 March 2004 on the incentives aiming at the promotion of environmental protection and sustainable use of energy	Decree of 11 March 2004 regarding the incentives aiming at the promotion of environmental protection and sustainable use of energy	Decree of 23 January 2014 modifying the decree of 12 April 2001 on the organisation of the Regional Electricity Market
Abbreviated form	Circulaire du 29 septembre 2006	Arrêté du 2 décembre 2004	Décret du 11 mars 2004	Décret du 23 janvier 2014
Entry into force	19.01.2007	01.10.2003	18.04.2004	01.03.2014
Last amended on		26.02.2015	26.02.2015	27.03.2014



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Future amendments				
Purpose			This decree introduces the investment assistance of the Walloon region for companies investing in environmental protection and sustainable energy projects	
Relevance for renewable energy	This circular specifies the application conditions for the investment assistance for renewable energy projects	This decree regulates the investment assistance for renewable energy projects	These projects include renewable energy projects	
Link to full text of legal source (original language)	http://wallex.wallonie.be/index.php?doc=3763&rev=3092-1780	https://wallex.wallonie.be/index.php?doc=3770&rev=3099-16865	https://wallex.wallonie.be/index.php?doc=3774&rev=3103-16865	https://wallex.wallonie.be/index.php?doc=27177
Link to full text of legal source (English)				



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Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Ministère Wallon en charge de l'énergie – Walloon Ministry of Energy	http://furlan.wallonie.be/	Office of Minister Paul Furlan	+ 32 81 23 4 7 11	
Commission Wallonne pour l'Energie (CWaPE) - Walloon Energy Commission	http://www.cwape.be/		+ 32 81 33 08 10	
Service Public de Wallonie (SPW) Direction Générale opérationnelle de l'Energie (DGO4) – Public Service of the Walloon region – Directorate General for Energy (DG04)	http://energie.wallonie.be		+ 32 81 48 63 11	



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Support schemes





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Subsidy (Aide à l'investissement)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Circulaire du 29 septembre 2006 • Arrêté du 2 décembre 2004 • Décret du 11 mars 2004 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04)	
Summary	Within the bounds of its available budget, the Walloon Region provides investment assistance for companies which develop projects aiming at developing the sustainable use of energy, including investments in renewable energy plants.	
Eligible technologies	General information	Eligible are only investments in tangible and intangible assets. As far as renewable energy plants are concerned, equipment for biogas and biomass CHP plants, hydro-power as well as wind power plants are eligible. Some equipment is however subjected to acceptance of the Walloon Energy and Economy Administrations (Administrations de l'Energie et de l'Economie).
	Wind energy	Wind energy installations with an installed capacity below 1 MW are eligible (Art.9 §2 Arrêté du 2 décembre 2004).
	Solar energy	
	Geothermal energy	According to the Directorate for investment programmes, the allocation of a subsidy for renewable energy installations using deep geothermal energy may be granted on a case-by-case basis.
	Biogas	The production of heat and electricity through biogas CHP plants is eligible, except for plants with an electrical power less than 10 kW (Art.9 §2 Arrêté du 2 décembre 2004).



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	Hydro-power	Eligible
	Biomass	<p>Heat production through biomass heating plants as well as heat and electricity production through biomass CHP plants are eligible, except for the following investments (Art.9 §2 Arrêté du 2 décembre 2004):</p> <ul style="list-style-type: none"> - CHP plants with an electrical power over 5 MW using solid biomass - Large company investments in CHP plants with an electrical power over 1 MW using solid biomass - Company investments in CHP plants using liquid biomass
Amount	<p>The investment costs eligible for the investment assistance shall amount to at least € 25,000 (Art. 7 §3 Arrêté du 2 décembre 2004).</p> <p>The subsidy is calculated on the basis of the additional costs borne by companies compared with the costs of conventional energy production plants with the same capacity.</p> <p>The amount of subsidy differs according to the company:</p> <ul style="list-style-type: none"> • For small and medium companies: max 50 % of the investments costs can be supported. Moreover, the total amount of the subsidy cannot exceed € 1.5 million over 4 years (Art.9 §2 Arrêté du 2 décembre 2004). For large companies: max 20 % of the investments costs can be supported. <p>However, if the company is located within a development zone, the amount can be increased by 5 % or 10 % according to the province (Art.9 §2 and 4 Arrêté du 2 décembre 2004).</p> <p>As far as hydro-power is concerned, the subsidy is granted on a maximum investment amount of € 5,000 per kW for installations with a capacity over 100 kWp, whereas for installations with a capacity under 100 kWp, the subsidized investment ceiling is set at max € 9,000 per kW.</p>	



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Addressees	The entitled companies can be natural persons (shopkeepers, liberal professions), commercial companies as well as agricultural companies (Art. 4 Décret du 11 mars 2004).	
Procedure	Process flow	A preliminary form shall be submitted before the beginning of the investments. The beginning of the investments corresponds to the date of the first invoice. After the administration has acknowledged receipt of the preliminary form, the company shall submit its application within the following 6 months.
	Competent authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).
Flexibility mechanism	The investment assistance of the Walloon region can only be granted to companies having at least one operation office located in the Walloon region, and whose investment project is planned within the Walloon region (Art. 6 Décret du 11 mars 2004).	
Distribution of costs	State	The energy subsidies are directly financed by the budget of the Walloon region.
	Consumers	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



Subsidy (Qualiwatt)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Décret du 23 janvier 2014 • Arrêté du 30 novembre 2006 • Décret du 12 avril 2001 	
Contact Authority	CWaPE	
Summary	<p>Since 1 March 2014, photovoltaic installations of less than or equal to 10 kW are eligible to the Qualiwatt subsidy. The adoption of the Qualiwatt support scheme followed the decision of the Walloon government to stop from 1 April 2013 the allocation of green certificates for PV installations of less than or equal to 10 kW. The Qualiwatt system is a subsidy allocated by the distribution system operators, depending on the amount of installed capacity.</p>	
Eligible technologies	General information	<p>According to a decision of the Walloon government, the allocation of green certificates for PV installations of a capacity less than or equal to 10 kW as defined by Art. 15 quater of the Decree of November 2006 was stopped from 1 April 2013. The Walloon government adopted a support scheme for photovoltaic installations up of to 10 kWp called Qualiwatt, which came into force from 1 March 2014. Qualiwatt is a subsidy allocated during 5 years by the distribution system operators, based on the amount of installed capacity (Art. 4, Décret du 23 janvier 2014).</p>
	Wind energy	
	Solar energy	<p>Only installations less than or equal to 10 kW are eligible to the Qualiwatt subsidy (Art. 4, Décret du 23 janvier 2014).</p>
	Geothermal energy	
	Biogas	



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	Hydro-power	
	Biomass	
Amount	<p><u>For installations up to 10 kW</u>, the amount of the subsidy granted within the framework of the Quali watt support scheme is calculated in order to allow the PV producer to achieve a return on investment after 8 years, along with a return rate of 5% over the lifetime of the PV installation (corresponding to at least 20 years) (art. 4, décret du 23 janvier 2014). The amount of the subsidy is calculated on the basis of the average cost per kWp of an installation of 3kWp. The subsidy calculated for a 3kWp installation is also the maximum amount allocated. Installations over 3 kWp may therefore only receive the subsidy corresponding to a 3kWp installation (art. 4 décret du 23 janvier 2014). However, these installations may also benefit from the net-metering support scheme. Please refer to the net-metering section for more information on this support scheme.</p> <p>Natural persons with a low income are eligible for a bonus allowing them to benefit from a return rate of 6.5%. The bonus is paid annually during 5 years on top of the regular subsidy (art. 4, décret du 23 janvier 2014).</p> <p>The amount of the subsidies for all distribution grid operators is published every 6 months by the Walloon regulator CWaPE:</p> <ul style="list-style-type: none"> - For the period from 1 January 2015 to 30 June 2015, the subsidies amount to between € 259.85 and € 287.12 per kWp (the extra bonus is between € 17.49 and € 33.28 per kWp). - For the period from 1 July 2015 to 31 December 2015, the subsidies amount to between € 208.64 and € 235.92 per kWp (the extra bonus is between € 2.49 and € 18.28 per kWp). <p>The subsidy is paid on a yearly basis by the distribution grid operator. The subsidies per DSO are published on the website of the CWaPE: http://www.cwape.be/?dir=6.2.02</p> <p>The subsidy is allocated under several conditions, including among others:</p> <ul style="list-style-type: none"> • The PV-installer has to sign a specific agreement with the DSO regarding the design, the supply and the placement of the photovoltaic installation (contrat-type pour la conception, la fourniture et le placement d'une installation photovoltaïque d'une puissance inférieure ou égale à 10 kW) 	



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	<ul style="list-style-type: none"> • The PV-installer has to prove his successful participation to a training programme for PV installations acknowledged by the Walloon region. • Since 1 April 2015, the requirements regarding the quality of PV panels and their installation have been strengthened. To this end, the applicant shall either submit additional documents provided by the installer and attesting the quality of the PV installation, or the applicant has to employ an installer, who is certified with the label NRQUAL PV. <p>In general, the amount of the bonus granted to the producer of photovoltaic electricity remains the same during 5 years. However, if the real electricity price of the year N+1 differs by more than 10% from the price considered during year N when calculating the subsidy, the DSO shall apply a correction factor to the amount of the subsidy. The amount of the correction factor is determined by the CWaPE (art. 4, décret du 23 janvier 2014).</p> <p>The maximum number of installations which may benefit from the Qualiwatt subsidy is set at 12,000 installations per year. Each quarter, the Walloon regulator CWaPE determines the number of installations to be supported per distribution system operator (DSO) (art. 19quater, décret du 30 novembre 2006). The quarterly distribution of the maximum number of installations per DSO for 2015 was established based on the number of low voltage electricity meters at the end of 2013. When the DSO does not reach its quota of payable subsidies for a quarter, the remaining quota is transferred to the next quarter. The quota of payable subsidies per quarter and per DSO is published on the website of the CWaPE: http://www.cwape.be/?dir=6.2.03</p>	
Addressees	All natural and legal persons producing electricity from photovoltaic installations, including for self-consumption purposes (Art. 2, no 1, décret du 12 avril 2001).	
Procedure	Process flow	<ul style="list-style-type: none"> • An operator of a photovoltaic installation who would like to receive a Qualiwatt subsidy for his installation shall file an application with the distribution grid operator (DSO) (Art. 10, Arrêté du 30 novembre 2006). Once the installation is installed and certified by the inspection body RGIE (Règlement général sur les installations électriques), the



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		<p>operator has 45 days in order to file the application to the DSO. The application form is published on the website of the Walloon regulator CWaPE: http://www.cwape.be/?dir=6.2.05</p> <ul style="list-style-type: none"> The distribution grid operator shall assess applications within 15 days after receipt and, if necessary, inform the applicant about missing documents and data (Art. 11, Arrêté du 30 novembre 2006). Since 14 April 2014, the distribution grid operator has the right to request a comprehensive preliminary grid impact study for installations over 5 kVA. The preliminary study shall be carried out at the expense of the PV producer before the realisation of the PV installation. The grid operator shall, within 45 days after receipt of a complete application, inform the applicant on whether or not his/her installation will obtain the subsidy. <p>Detailed information on the Quali watt procedure can be found on the website of the regulator CWaPE: http://www.cwape.be/docs/?doc=2345</p>
	Competent authority	The competent authority is the distribution grid operator of the grid to which the installation is connected.
Flexibility mechanism		
Distribution of costs	State	



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	Consumers	The consumers bear the costs of the Quali watt support scheme via their electricity bills.
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



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Quota system (Soutien kECO – certificats verts)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 30 novembre 2006 • Décret du 12 avril 2001 • AGW-OSP du 30 mars 2006 • Arrêté du 29 septembre 2011 • Décret du 11 décembre 2013 • Arrêté du 3 avril 2014
Contact Authority	CWaPE
Summary	<p>In Wallonia, the development of green electricity is supported through a green certificate mechanism. A defined number of green certificates is granted for each MWh produced by an installation using renewable energy sources. The producer can then sell these certificates to an electricity supplier, which has the obligation to purchase every year a certain quota of green certificates. The total amount of green certificates available per technology is determined on a yearly basis by the Walloon Government, according to a trajectory aiming at reaching a total electricity production from RES of 8,000 GWh by 2020. The green certificates mechanism is supervised by the Walloon Energy Commission, CWaPE.</p> <p>Since 1 July 2014, the mechanism of green certificates has been amended. Hereafter, producers of electricity from renewable energy sources shall file the number of certificates they need with the administration prior to the realization of the RES installation.</p> <p>Moreover, the calculation method for the allocation of green certificates has also been amended. Consequently, the number of green certificates now corresponds to the amount of electricity production multiplied by several factors, namely:</p> <ul style="list-style-type: none"> • The kECO factor taking into consideration the investment amount of the RES plant • The kCO₂ factor taking into account the CO₂ emissions induced by the RES plant



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	<ul style="list-style-type: none"> In addition, hydro-power, wind energy and solar energy plants are subject to a further correction coefficient depending on the electricity price <p>Before being entitled to receive green certificates, each RES installation shall secure a certificate of guaranteed origin ("certificat de garantie d'origine") certifying that the production of electricity actually saves CO₂ emissions.</p>	
Eligible technologies	General information	In general, all renewable energy generation technologies except for geothermal power plants are eligible. Green certificates will be issued only if the installation has been awarded a certificate of origin (Art. 13, Arrêté du 30 novembre 2006). Green certificates have a validity of 5 years (Art. 16, Arrêté du 30 novembre 2006). Eligibility for green certificates ceases after 10 or 15 years, depending on the technology (Art. 15, § 1 ^{er} bis, Arrêté du 30 novembre 2006).
	Wind energy	Eligible for a maximum period of 15 years (Annex 5, Arrêté du 30 novembre 2006).
	Solar energy	Only installations over 10 kWp are eligible to green certificates, for a maximum period of 10 years. The grant terms and conditions of the green certificates for installations over 10 kWp are those in force at the time of the commissioning of the installation.
	Geothermal energy	
	Biogas	Eligible for a maximum period of 15 years (Annex 5, Arrêté du 30 novembre 2006).



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	Hydro-power	Eligible for a maximum period of 15 years (Annex 5, Arrêté du 30 novembre 2006).
	Biomass	Eligible for a maximum period of 15 years (Annex 5, Arrêté du 30 novembre 2006).
Amount	Amount of quota and period of application	<p>From 1 January 2010, the quota increase is as follows (Art. 25, Arrêté du 30 novembre 2006, as modified by the decree of 3 April 2014):</p> <ul style="list-style-type: none"> • 27.7% in 2015 • 32,4% in 2016 • 34,03 in 2017 • 35,65% in 2018 • 37,28 in 2019 • 37.9 % in 2020 • 34,03% in 2021 • 35,65% in 2022 • 37,28% in 2023 • 37,9% in 2024 <p>The grid operators are obliged to purchase green certificates from the generators of electricity and submit them to CWaPE; otherwise they shall pay a fine.</p>
	Adjustment of quotas	The Walloon government analyses the green certificate market on a regular basis. CWaPE advises the Ministry of Energy on whether or not the quotas should be adjusted. The Walloon government then



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		decides on whether or not to introduce new quotas (Art. 25, Arrêté du 30 novembre 2006).
	Number of certificates according to technology	<p>Currently, green certificates are allocated for a maximum of 10 or 15 years, depending on the individual technology. From 1 July 2014 onwards, the allocation of green certificates for the production of electricity from renewable energy plants is conditioned to the preliminary submission and acceptance of an application of request for green certificates, filed by the renewable energy producer (Art. 15, § 1^{er}bis, Arrêté du 30 novembre 2006) (for more information, please refer to the section on the process flow).</p> <p>Since 1 July 2014, the number of certificates allocated per technology is calculated according to a new methodology taking following factors into consideration (Art. 15, (Art. 15, § 1^{er}bis, Arrêté du 30 novembre 2006):</p> <ul style="list-style-type: none"> • The net amount of electricity produced (Eenp) • The energy performance coefficient of the installation (kCO2) • The economic performance coefficient of the renewable energy technology, which is adjusted by the Walloon Regulatory Authority CWaPE every 6 months for photovoltaic installations and every two years for other renewable energy technologies (kECO). <p>The formula for the calculation of the number of green certificates thus corresponds to: $Eenp * kCO2 * kECO$</p>



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		Moreover, for installations using hydropower or wind energy as well as for photovoltaic installations over 10 kWp, the number of green certificates allocated will be re-adjusted after three years by a correction coefficient depending on the ENDEX market price (Art. 15, Arrêté du 30 novembre 2006).
	Minimum price per certificate	The purchase guarantee of green certificates to the price of 65€ per certificate by the transmission system operator ELIA is automatic for new projects for which the green certificates were earmarked after 1 July 2014. Therefore, this procedure no longer requires the submission of a file with the Administration as before.
	Fees and penalty charges	If a grid operator does not meet its quota, it shall pay a fine of € 100 per missing certificate (Art. 30, Arrêté du 30 novembre 2006).
	Yearly Average Certificate Price	
International applicability	International certificate trade	
	Flexibility Mechanism	
Addressees	<p>The grid operators are obliged to meet the quotas set by law by purchasing green certificates from the generators of electricity from renewable sources and submit these certificates to the regulatory authority for authentication (Art. 25, Arrêté du 30 novembre 2006).</p> <p>The persons benefiting from this rule are the RES-electricity generators.</p>	



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<p>Procedure</p>	<p>Process flow</p>	<ul style="list-style-type: none"> • From 1 July 2014 (1 January 2015 for PV installations), the allocation of green certificates is subjected to the prior acceptance of a technical and financial application filed by the renewable energy producer to the Walloon Energy Administration (“Département de l’Énergie et du Bâtiment durable”) (Art. 10, Arrêté du 30 novembre 2006, as modified by decree of 3 April 2014). The application shall contain several documents, including (Art. 15, § 1^{er}bis, Arrêté du 30 novembre 2006): <ul style="list-style-type: none"> ○ A technical-financial analysis of the RES project ○ An account of motives attesting to the project feasibility ○ An estimation of the number of green certificates needed for the project • Upon receipt of the application file, the Walloon Energy Administration shall deliberate and communicate its decision regarding the entitlement of the producer to green certificates within 45 days. • After having received the entitlement to green certificates from the Walloon Energy Administration, the producer shall seek for a certificate of guaranteed origin (CGO - Certificat de garantie d’origine) for his installation. CGOs may only be granted by authorised inspection bodies (Art. 6, Arrêté du 30 novembre 2006). • Within 10 days after the control of the installation, the inspection body automatically communicates the certification of the RES installation both to the producer and to the regulatory authority CWaPE (Art. 6, Arrêté du 30 novembre 2006). This step acts as a
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		<p>request for granting of green certificates. As a result, the producer no longer needs to file a request with the CWaPE.</p> <ul style="list-style-type: none"> Maximum 30 days after receipt of the certificate of guaranteed origin by the CWaPE, the producer receives the decision of the CWaPE regarding the granting of green certificates (Art. 12, Arrêté du 30 novembre 2006).
	Competent authority	The Walloon Ministry of Energy decides on the allocation process for green certificates in Wallonia. The Walloon regulatory authority (CWAPE) awards green certificates to the operators of renewable energy plants (Art. 38, Décret du 12 avril 2001).
Distribution of costs	State	
	Consumers	As stated by the regulatory authority (CWAPE), in the end the consumers bear the costs via their electricity bills.
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



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Net-Metering (Mécanisme de compensation)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 3 Mars 2011 • Arrêté du 30 novembre 2006 • Decret du 12 avril 2001 • Arrêté du 30 mars 2006 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04)	
Summary	In the Walloon region, small prosumers of green electricity are entitled to benefit from a compensation mechanism for the difference between the amount of electricity taken from the grid and the amount of electricity fed into the grid (net-metering).	
Eligible technologies	General information	Prosumers producing electricity through a renewable energy plant with a capacity of ≤ 10 kVA and connected to the distribution grid are eligible for net-metering, provided their installation has been certified and registered as a green electricity production plant by the CWaPE (Art. 153 § 4 Arrêté du 3 Mars 2011).
	Wind energy	Eligible
	Solar energy	Eligible
	Geothermal energy	Eligible
	Biogas	Eligible
	Hydro-power	Eligible
	Biomass	Eligible



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Amount	The prosumer benefits from the compensation mechanism for the period between two meter-readings (Art. 153 § 4 Arrêté du 3 Mars 2011). The compensation mechanism remains valid only during the technical life span of the installation (Art 24 bis Arrêté du 30 mars 2006).	
Addressees	All natural and legal persons producing electricity mainly for their own consumption (Art. 2, no 2 Decret du 12 avril 2001).	
Procedure	Process flow	The prosumer shall inform in writing his distribution system operator of his will to benefit from the compensation mechanism (net-metering) (Art 6 bis Arrêté du 30 novembre 2006).
	Competent authority	The competent authority is the Distribution System Operator.
Flexibility Mechanism		
Distribution of costs	State	
	Consumers	As stated by the regulatory authority (CWAPE), in the end the consumers bear the costs via their electricity bills.
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



Grid issues

Overview

Overview of grid issues	<p>In Belgium, the three regions are competent for the distribution as well as for the local transmission of electricity via grids with a nominal output of maximum 70kV. This corresponds to low (up to 30 kV) and middle (30 to 70 kV) voltage.</p> <p>In the Walloon region, access of electricity from renewable energy sources is basically regulated by the Walloon grid code and by the regional electricity market decree. Electricity from renewable energy sources is given priority in both connection to and use of the grid.</p>
Connection to the grid	<p>According to the Walloon Energy Commission CWaPE, each application for a connection to the electricity distribution grid shall be submitted to the Distribution System Operator appointed to the area to which belongs the plant operator. Connection applications for installations with a capacity over 25 MVA shall be submitted to the Transmission System Operator Elia.</p>
Use of the grid	<p>The access to the grid is conditioned to the prior conclusion of an access agreement between the grid operator and the designated supplier of the plant operator.</p> <p>A grid access application shall be submitted by the designated supplier and approved by the grid operator before signing a grid access agreement (Art.125, Arrêté du 3 mars 2011).</p>
Grid expansion	<p>In general, the grid operator is obliged to undertake the necessary grid extensions on his grid in order to meet the grid connection demands. However, the RES plant operator does not have the right to claim for a grid expansion of the grid operator in case of insufficient grid connection capacities.</p>
Statutory provisions	<ul style="list-style-type: none"> • Arrêté du 3 mars 2011 (Arrêté du 3 mars 2011 du Gouvernement wallon approuvant le règlement technique pour la gestion des réseaux de distribution d'électricité en Région wallonne et l'accès à ceux-ci - Decree of 3 March 2011 of the Walloon Government approving the grid code for the distribution grids in the Walloon region)



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| | <ul style="list-style-type: none">• Décret du 12 avril 2001 (Décret du 12 avril 2001 relatif à l'organisation du marché régional de l'électricité - Decree of 12 April 2001 on the Organisation of the Regional Electricity Market) |
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Basic information on legal sources

Name of legal source (original language)	Arrêté du 3 mars 2011 du Gouvernement wallon approuvant le règlement technique pour la gestion des réseaux de distribution d'électricité en Région wallonne et l'accès à ceux-ci	Décret du 12 avril 2001 relatif à l'organisation du marché régional de l'électricité	
Full name			
Name (English)	Decree of 3 March 2011 of the Walloon Government approving the grid code for the distribution grids in the Walloon region	Decree of 12 April 2001 on the Organisation of the Regional Electricity Market	
Abbreviated form	Arrêté du 3 mars 2011	Décret du 12 avril 2001	
Entry into force	21.05.2011	11.05.2001	
Last amended on		01.03.2014	
Future amendments			



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Purpose	This decree regulates the technical requirements of the grid connection, grid access and grid expansion.	This decree implements the "European Directive on the Promotion of the Use of Energy from Renewable Sources" and the "European Directive concerning Common Rules for the Internal Market in Electricity" in the region of Wallonia.	
Relevance for renewable energy	This decree stipulates the priority given to renewable energy installations as regards grid connection.	This decree stipulates that the grid codes of the Walloon region shall give priority access to RES installations (Art.13)	
Link to full text of legal source (original language)	http://wallex.wallonie.be/index.php?doc=19977#FR_13535039	http://wallex.wallonie.be/index.php?doc=9075	
Link to full text of legal source (English)			



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Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Ministère Wallon en charge de l'énergie – Walloon Ministry of Energy	http://furlan.wallonie.be/	Office of Minister Paul Furlan	+ 32 81 23 4 7 11	
Commission Wallonne pour l'Energie (CWaPE) - Walloon Energy Commission	http://www.cwape.be/		+ 32 81 33 08 10	



Grid issues

Connection to the grid

Abbreviated form of legal sources	<ul style="list-style-type: none"> • Arrêté du 3 mars 2011 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04)	
Overview	<p>According to the Walloon Energy Commission CWaPE, each application for a connection to the electricity distribution grid shall be submitted to the Distribution System Operator appointed to the area to which the plant operator belongs. Connection applications for installations with a capacity over 25 MVA shall be submitted to the Transmission System Operator Elia. Each connection to the grid shall meet the technical requirements C2/112 and C1/107 of SYNERGRID (Art. 52 Arrêté du 3 mars 2011). Each natural or moral person has the right to apply for a grid connection (Art. 77 Arrêté du 3 mars 2011).</p>	
Procedure	Process flow	<p>Installations to be connected to the low voltage distribution grid: Each application for grid connection has to be done according to the procedure published by the grid operator on its website (Art. 94 Arrêté du 3 mars 2011).</p> <p>Installations to be connected to the middle voltage distribution grid: In order to enquire about the feasibility and the technical details of the grid connection of the installation, the applicant has the possibility to ask the grid operator for an “orientation study” (Art. 65 Arrêté du 3 mars 2011). However, before applying for an orientation study, the applicant can obtain a preliminary notice about the connection possibilities of the operator. Moreover, the application for a grid connection requires the realisation by the grid operator of a detailed study (étude de détail) paid for by the applicant (Art. 77 Arrêté du 3 mars 2011).</p>
	Deadlines	Installations to be connected to the low voltage distribution grid:



		<ul style="list-style-type: none"> • Maximum 10 working days after receipt of an application for grid connection and after having controlled whether the application is complete, the grid operator sends a grid regulation document informing about the technical and financial conditions of the grid connection as well as about the deadlines for the grid connection. For installations with a capacity between 10 and 56 kVA, the grid operator sends a grid connection proposal. The grid operator however has the possibility to postpone the latter by 10 days (Art. 94 Arrêté du 3 mars 2011). • For installations with a capacity greater than 56 kVA, the grid operator has the possibility to charge for a detailed study (Art. 94 Arrêté du 3 mars 2011). <p>Installations to be connected to the middle voltage distribution grid:</p> <ul style="list-style-type: none"> • Maximum 15 working days after receipt of an application for an orientation study, the grid operator notifies his decision to the plant operator either by proposing a grid connection draft or by motivating his refusal to grid connection (Art. 71, Arrêté du 3 mars 2011). • Maximum 10 working days after receipt of an application for grid connection and after having controlled whether the application is complete, the grid operator sends an acknowledgment of receipt (Art. 80, Arrêté du 3 mars 2011). • Once the application is complete and the costs of the detailed study are paid, the grid operator reserves the grid uptake capacity for the applicant (Art. 80, Arrêté du 3 mars 2011). • Within 30 working days after receipt of a complete application and payment of the detailed study, the grid operator provides the plant operator with a “technical and financial grid connection proposal” (proposition technique et financière de raccordement) (Art. 82, Arrêté du 3 mars 2011).
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		<ul style="list-style-type: none"> • Within 10 working days after the plant operator has accepted the technical and financial grid connection proposal, the grid operator provides him with a grid connection agreement (Art. 83, Arrêté du 3 mars 2011). • Upon receipt of the signed grid connection agreement, the grid operator allocates the necessary grid uptake capacity to the plant operator (Art. 83, Arrêté du 3 mars 2011). • The deadline for the realisation of the grid connection depends on the agreement with regard on the possible grid reinforcements which need to be done (Art. 90 Arrêté du 3 mars 2011).
	Obligation to inform	In general, there is no obligation of the grid operator to inform the plant operator. However, the Walloon grid code stipulates that in the case of installations to be connected on the low voltage grid, the grid operator shall send a grid regulation document informing about the technical and financial conditions of the grid connection (Art. 94 Arrêté du 3 mars 2011).
Priority to renewable energy (qualitative criteria)	(X) Priority to renewable energy () Non-discrimination	The distribution system operator shall give priority to installations using renewable energies. This applies to the orientation study as well as to the grid connection (Art. 72, 81 and 90 Arrêté du 3 mars 2011)
Capacity limits (quantitative criteria)	According to the Walloon Energy Department, there is no obligation of the grid operator to expand the grid in order to connect further installations in case of insufficient capacities of the grid. Moreover, the CWaPE informs that there is no compensation mechanism either.	
Distribution of costs		
	State	



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	Consumers	
	Grid operator	
	Plant operator	The costs of the orientation study as well as the costs of the detailed study are borne by the applicant according to the prices given by the CWaPE (Art. 69 and 77, Arrêté du 3 mars 2011). Moreover, the Walloon Energy Department informs that the plant operator has to bear the costs of the grid connection to the first connection bay.
	European Union	
	Distribution mechanism	



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Use of the grid

Abbreviated form of legal sources	<ul style="list-style-type: none"> • Décret du 12 avril 2001 • Arrêté du 3 mars 2011 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04) CWAPE	
Overview	Before submitting a grid access application, the plant operator shall designate a supplier as well as an access responsible party (Art.122, Arrêté du 3 mars 2011). The access to the grid is conditioned to the prior conclusion of an access agreement between the grid operator and the designated supplier of the plant operator. Moreover, a grid access application shall be submitted by the designated supplier and approved by the grid operator before signing a grid access agreement (Art.125, Arrêté du 3 mars 2011). The grid operator has the right to refuse the access to the grid if he does not dispose of the necessary grid capacity (Art. 133 Arrêté du 3 mars 2011).	
Procedure	Process flow	The procedure for the grid access application specifies the conditions under which a grid access can be granted (Art.126, Arrêté du 3 mars 2011).
	Deadlines	<ul style="list-style-type: none"> • Within 5 working days after receipt of a grid access application, the grid operator shall communicate to the applicant whether the application is full (Art.128, Arrêté du 3 mars 2011).
	Obligation to inform	
Priority to renewable energy	(X) Priority to renewable energy	According to the decree of 12 April 2001, the grid codes of the Walloon region shall give priority access to RES installations (Art. 13 Décret du 12 avril 2001).



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(qualitative criteria)	() Non-discrimination	
Curtailment	<p>The Walloon grid code distinguishes between planned and non-planned grid access interruptions. In the first case, the grid code stipulates that the grid operator has the right to interrupt the access to the grid of an installation only if the security, reliability or the efficiency of the grid is at stake (Art.134, Arrêté du 3 mars 2011). Regarding installations connected to the local transmission grid the grid operator shall consult the plant operator first (Art.134, Arrêté du 3 mars 2011). In case of non-planned grid access interruptions, the grid operator shall keep the user informed about the nature and the reasons of the grid access interruption (Art.136, Arrêté du 3 mars 2011).</p> <p>In case of an emergency situation, the distribution grid operator shall follow the instructions of the local transmission grid operator, including instructions regarding the curtailment of installations (Art.150, Arrêté du 3 mars 2011). According to the Walloon Energy Department, no compensation is foreseen in case of curtailment.</p>	
Distribution of costs		
	State	
	Consumers	
	Grid operator	
	Plant operator	In view of the fact that he uses the distribution grid, the plant operator shall bear the grid use costs as approved by the Walloon Energy Commission CWaPE (Art.133, Arrêté du 3 mars 2011).
	European Union	
	Distribution mechanism	



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Grid expansion

Abbreviated form of legal source	<ul style="list-style-type: none"> • Décret du 12 avril 2001 • Arrêté du 3 mars 2011 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04) CWAPE	
Overview	In general, the grid operator is obliged to undertake the necessary grid extensions on his grid in order to meet the grid connection demands (Art. 11, Décret du 12 avril 2001). However, the RES plant operator does not have the right to claim for a grid extension of the grid operator in case of insufficient grid connection or grid access capacities. In case a grid extension is needed for the grid connection of a plant operator, the latter has to bear the costs of the grid expansion, except if social buildings are concerned.	
Procedure	Process flow	
	Enforcement of claims	According to the federal transmission grid operator, there is no Belgian regulation enabling RES plant operators to ask grid operators for developing their grid in case of insufficient grid capacities of the latter.
	Deadlines	
	Obligation to inform	
Regulatory incentives for grid expansion and innovation	In Belgium, regional regulators do not have the competency to regulate tariffs and thus incentives for grid expansion and innovation. The federal regulator CREG is in charge of regulating grid tariffs.	
Distribution of costs		



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	State	
	Consumers	The costs of a grid expansion concerning installations in social buildings are borne by the grid operators (Art. 95 Arrêté du 3 mars 2011). The costs of the grid expansions undertaken by the grid operators are then borne by the consumers through their electricity bill.
	Grid operator	
	Plant operator	The costs of a grid expansion are to be borne by the plant operator, except if the extension concerns a building situated alongside public transmission lines or if the extension concerns social buildings. (Art. 95 Arrêté du 3 mars 2011).
	European Union	
	Distribution mechanism	
Grid studies	<p>Together with the Walloon Energy Commission CWaPE, the grid operators shall develop an adaptation plan in order to ensure the security and development of the grid. The adaptation plan shall assess the future capacity needs of the distribution and local transmission grids. Moreover, it shall describe the investment programme planned by the grid operators (Art. 15, Décret du 12 avril 2001).</p> <p>The adaptation plan of the Distribution System Operators shall cover the tariff period in force and shall be yearly adapted. The adaptation plan of the local transmission grid shall cover a period of 7 years and shall be adapted every 2 years. (Art. 15, Décret du 12 avril 2001).</p> <p>The adaptation plans are submitted to approbation of the Walloon Government (Art.28, Arrêté du 3 mars 2011).</p>	



RES-H&C support schemes

Summary of support schemes

Overview	In the Walloon region, the generation of heat through renewable energy plants is promoted through a system of energy subsidies, the granting of a zero-percent loan as well as through investment assistance for companies.
Summary of support schemes	<ul style="list-style-type: none"> • Subsidy (Primes énergie): Several energy subsidies are provided by the Walloon Region for the generation of heat from biomass, shallow geothermal energy and solar thermal energy plants. • Subsidy (Aide à l'investissement): Within the bounds of its available budget, the Walloon Region provides investment assistance for companies which develop projects aiming at developing the sustainable use of energy, including investments in renewable energy plants. • Subsidy (UREBA): Within the bounds of its available budget, the Walloon region provides UREBA subsidies, which aim at supporting public bodies in their initiatives to reduce the energy consumption of their buildings. Projects using renewable energy sources are subsidised. • Loan (Ecopack): Households willing to improve the energy performance of their houses may benefit from a zero-percent interest loan for the realisation of several refurbishment works. Certain renewable energy technologies are eligible to the loan. <p>Please note: On 21 October 2014, the Minister of Energy announced that the Walloon Region will reform its energy subsidies in order to simplify and harmonize the support mechanism for renewable energies and housing. As a result, most energy subsidies were suspended from 1 January 2015 until April 2015. During this time, the reform of the support mechanism was elaborated and implemented.</p>
Technologies	The support schemes of the Walloon region promote the use of biogas and biomass CHP plants, biomass heating plants, aerothermal, geothermal as well as solar thermal installations.



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Statutory provisions

- Arrêté du 21 octobre 2010 (Arrêté du 21 octobre 2010 du Gouvernement wallon visant à octroyer une prime pour l'installation d'un chauffe-eau solaire - Decree of 21. October 2010 of the Walloon Government aiming at allocating a subsidy for the installation of solar water heaters)
- Arrêté ministériel du 22 mars 2010 (Arrêté ministériel du 22 mars 2010 relatif aux modalités et à la procédure d'octroi des primes visant à favoriser l'utilisation rationnelle de l'énergie - Ministerial decree of 22 March 2010 regarding the granting conditions of the subsidies promoting the rational use of energy)
- Circulaire du 29 septembre 2006 (Circulaire du 29 septembre 2006 relative aux modalités d'application de l'arrêté du Gouvernement Wallon du 2 décembre 2004 - Circular of 29 September 2006 regarding the application conditions of the Decree of the Walloon Government)
- Arrêté du 2 décembre 2004 (Arrêté du 2 décembre 2004 du Gouvernement Wallon portant exécution du décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie - Decree of 2 December 2004 of the Walloon Government implementing the decree of the 11 March 2004 on the incentives aiming at the promotion of environmental protection and sustainable use of energy)
- Décret du 11 mars 2004 (Décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie - Decree of 11 March 2004 regarding the incentives aiming at the promotion of environmental protection and sustainable use of energy)
- Arrêté du 28 mars 2013 (Arrêté du 28 mars 2013 du Gouvernement wallon relatif à l'octroi de subventions pour la réalisation d'études et de travaux visant l'amélioration de la performance énergétique des bâtiments (UREBA) - Decree of 28 March 2013 of the Walloon Government regarding the allocation of subsidies for projects aiming at improving the energy performance of their buildings).
- Arrêté du 26 janvier 2012 (SWCS) (Arrêté du Gouvernement wallon du 26 janvier 2012 fixant les conditions d'octroi des Ecopacks par la Société Wallonne du Crédit Social - Decree of 26 January 2012 of the Walloon Government regarding the allocation conditions of the Ecopack loan by the Walloon Social Credit Corporation)



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	<ul style="list-style-type: none">• Arrêté du 26 janvier 2012 (FLW) (Arrêté du Gouvernement wallon du 26 janvier 2012 fixant les conditions d'octroi des Ecopacks par le Fonds du Logement des Familles nombreuses de Wallonie - Decree of 26 January 2012 of the Walloon Government regarding the allocation conditions of the Ecopack loan by the Walloon Housing Fund for large families)• Arrêté du 26 mars 2015 (Arrêté du Gouvernement wallon du 26 mars 2015 instaurant un régime de primes aux particuliers favorisant les économies d'énergies et la rénovation des logements - Decree of 26 March 2015 establishing a subsidy scheme for households supporting energy saving measures and housing refurbishment)• Arrêté du 30 avril 2015 (Arrêté du Gouvernement wallon du 30 avril 2015 portant exécution l'Arrêté du Gouvernement wallon du 26 mars 2015 instaurant un régime de primes aux particuliers favorisant les économies d'énergies et la rénovation des logements - Decree of 30 April 2015 implementing the decree of 26 March 2015 establishing a bonus scheme for households supporting energy saving measures and housing refurbishment)
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Basic information on legal sources

Name of legal source (original language)	Arrêté du 21 octobre 2010 du Gouvernement wallon visant à octroyer une prime pour l'installation d'un chauffe-eau solaire et abrogeant l'arrêté du Gouvernement wallon du 27 novembre 2003 visant à octroyer une prime pour l'installation d'un chauffe-eau solaire	Circulaire du 29 septembre 2006 relative aux modalités d'application de l'arrêté du Gouvernement Wallon du 2 décembre 2004 relatifs aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie	Arrêté ministériel du 22 mars 2010 relatif aux modalités et à la procédure d'octroi des primes visant à favoriser l'utilisation rationnelle de l'énergie
Full name			
Name (English)	Decree of 21 October 2010 of the Walloon Government aiming at allocating a subsidy for the installation of solar water heaters	Circular of 29 September 2006 regarding the application conditions of the Decree of the Walloon Government on the incentives aiming at the promotion of environmental protection and sustainable use of energy	Ministerial decree of 22 March 2010 regarding the granting conditions of the subsidies promoting the rational use of energy
Abbreviated form	Arrêté du 21 octobre 2010	Circulaire du 29 septembre 2006	Arrêté ministériel du 22 mars 2010
Entry into force	01.01.2011	19.01.2007	30.04.2010
Last amended on	01.04.2015		01.01.2014
Future amendments			



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Purpose			
Relevance for renewable energy	This decree partially implements Art. 13 of the European directive 2009/28/CE on renewable energies by regulating the allocation of a subsidy for the installation of solar water heaters.	This circular specifies the application conditions for the investment assistance for renewable energy projects	This ministerial decree specifies the conditions for the allocation of the subsidy for the installation of renewable energy plants.
Link to full text of legal source (original language)	https://wallex.wallonie.be/index.php?doc=18579&rev=19556-20417	http://wallex.wallonie.be/index.php?doc=3763&rev=3092-1780	http://wallex.wallonie.be/index.php?doc=16958
Link to full text of legal source (English)			



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Name of legal source (original language)	Arrêté du 2 décembre 2004 du Gouvernement Wallon portant exécution du décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie	Décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie	Arrêté du 28 mars 2013 du Gouvernement wallon relatif à l'octroi de subventions aux personnes de droit public et aux organismes non commerciaux pour la réalisation d'études et de travaux visant l'amélioration de la performance énergétique des bâtiments (UREBA)
Full name			
Name (English)	Decree of 2 December 2004 of the Walloon Government implementing the decree of the 11 March 2004 on the incentives aiming at the promotion of environmental protection and sustainable use of energy	Decree of 11 March 2004 regarding the incentives aiming at the promotion of environmental protection and sustainable use of energy	Decree of 28 March 2013 of the Walloon Government regarding the allocation of subsidies to legal persons governed by public law as well as non-commercial bodies for projects aiming at improving the energy performance of their buildings.
Abbreviated form	Arrêté du 2 décembre 2004	Décret du 11 mars 2004	Arrêté du 28 mars 2013
Entry into force	01.10.2003	18.04.2004	29.04.2013
Last amended on	26.02.2015	12.12.2008	
Future amendments			
Purpose		This decree introduces the investment assistance of the Walloon region for	



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		companies investing in environmental protection and sustainable energy projects	
Relevance for renewable energy	This decree regulates the investment assistance for renewable energy projects	These projects include renewable energy projects	Projects using renewable energy sources can be subsidised.
Link to full text of legal source (original language)	https://wallex.wallonie.be/index.php?doc=3770&rev=3099-16865	http://wallex.wallonie.be/index.php?doc=3774&rev=3103-3436	https://wallex.wallonie.be/index.php?doc=25079&rev=26296-17485
Link to full text of legal source (English)			



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Name of legal source (original language)	Arrêté du Gouvernement wallon du 26 janvier 2012 fixant les conditions d'octroi des Ecopacks par le Fonds du Logement des Familles nombreuses de Wallonie (FLW)	Arrêté du Gouvernement wallon du 26 janvier 2012 fixant les conditions d'octroi des Ecopacks par la Société wallonne du Crédit social (SWCS)	
Full name			
Name (English)	Decree of 26 January 2012 of the Walloon Government regarding the allocation conditions of the Ecopack loan by the Walloon Housing Fund for large families	Decree of 26 January 2012 of the Walloon Government regarding the allocation conditions of the Ecopack loan by the Walloon Social Credit Corporation	
Abbreviated form	Arrêté du 26 janvier 2012 (FLW)	Arrêté du 26 janvier 2012 (SWCS)	
Entry into force	01.02.2013	01.02.2013	
Last amended on			
Future amendments			
Purpose	This decree determines the allocation conditions of the Ecopack loan for households willing to improve the energy performance of their houses.	This decree determines the allocation conditions of the Ecopack loan for households willing to improve the energy performance of their houses.	



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Relevance for renewable energy	Several works involving the use of renewable energies are eligible to the loan.	Several works involving the use of renewable energies are eligible to the loan.	
Link to full text of legal source (original language)	https://wallex.wallonie.be/index.php?doc=21757&rev=22794-16424	https://wallex.wallonie.be/index.php?doc=21758&rev=22795-16424	
Link to full text of legal source (English)			

Name of legal source (original language)		Arrêté du Gouvernement wallon du 26 mars 2015 instaurant un régime de primes aux particuliers favorisant les économies d'énergies et la rénovation des logements.	Arrêté du Gouvernement wallon du 30 avril 2015 portant exécution l'Arrêté du Gouvernement wallon du 26 mars 2015 instaurant un régime de primes aux particuliers favorisant les économies d'énergies et la rénovation des logements.
Full name			
Name (English)		Decree of 26 March 2015 establishing a subsidy scheme for households supporting energy saving measures and housing refurbishment.	Decree of 30 April 2015 implementing the decree of 26 March 2015 establishing a bonus scheme for households supporting energy saving measures and housing refurbishment.
Abbreviated form		Arrêté du 26 mars 2015	Arrêté du 30 avril 2015



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Entry into force		01.04.2015	15.06.2015
Last amended on			
Future amendments			
Purpose		This decree sets out the eligibility conditions of energy saving investments to the subsidy scheme.	This decree details the eligibility conditions of energy saving investments to the subsidy scheme.
Relevance for renewable energy		The energy saving measures eligible for subsidies include the installation of certain renewable energy systems, such as heat pumps, solar water heaters or biomass-fired boilers.	The energy saving measures eligible for subsidies include the installation of certain renewable energy systems, such as heat pumps, solar water heaters or biomass-fired boilers.
Link to full text of legal source (original language)		https://wallex.wallonie.be/index.php?doc=29199&rev=30705-20417	https://wallex.wallonie.be/index.php?doc=29297&rev=30811-20456
Link to full text of legal source (English)			

Further information





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Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Service Public de Wallonie (SPW) Direction Générale opérationnelle de l'Energie (DGO4) – Public Service of the Walloon region – Directorate General for Energy (DG04)	http://energie.wallonie.be		+ 32 81 48 63 11	
Commission Wallonne pour l'Energie (CWAPE) – Walloon Energy Commission	http://www.cwape.be/		+ 32 81 33 08 10	



Support schemes

Subsidy (Primes Énergie)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 21 octobre 2010 • Arrêté du 26 mars 2015 • Arrêté du 30 avril 2015 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).	
Summary	Several energy subsidies are provided by the Walloon Region for the generation of heat from renewable energy plants. From 1 April 2015, the energy subsidies have been modified.	
Eligible technologies	General information	The installation of heating plants through biomass, solar thermal energy (solar water heaters), shallow geothermal energy, aerothermal or hydrothermal heat pumps is eligible for the energy subsidies from 1 April 2015.
	Aerothermal	The installation of aerothermal heat pumps can be supported under certain conditions, regarding among others the coefficient of performance (COP) of the heat pump or the global thermal insulation level of the home. For an exhaustive description of the conditions, please refer to the annex of the decree implementing the subsidy scheme for energy saving investments (Arrêté du 30 avril 2015): http://energie.wallonie.be/servlet/Repository/cahier-des-charge-pac-2014.pdf?ID=29321&saveFile=true
	Hydrothermal	The installation of hydrothermal heat pumps can be supported under certain conditions regarding among others the coefficient of



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		performance (COP) of the heat pump or the global thermal insulation level of the home. For an exhaustive description of the conditions, please refer to the annex of the decree implementing the subsidy scheme for energy saving investments (Arrêté du 30 avril 2015): http://energie.wallonie.be/servlet/Repository/cahier-des-charge-pac-2014.pdf?ID=29321&saveFile=true
	Biogas	
	Biomass	<p>The installation of biomass heating plants is eligible under certain conditions, including:</p> <ul style="list-style-type: none"> • The final invoice shall be dated no earlier than 1 April 2015. The plant shall be fully automated and shall meet the requirements of the European standard NBN EN 303-5 (Art.9, Arrêté du 30 avril 2015). • The plant shall have a thermal efficiency of > 85 % according to the NBN EN 303-5 standard (Art.9, Arrêté du 30 avril 2015). • The installation shall be fully undertaken by a registered installer (Art.9, Arrêté du 30 avril 2015).
	Geothermal energy	The installation of heat pumps (shallow geothermal energy) can be supported under certain conditions regarding among others the coefficient of performance (COP) of the heat pump, the global thermal insulation level of the home or the registration of the installer. For an exhaustive description of the conditions, please refer to the annex of the decree implementing the subsidy scheme for energy saving investments (Arrêté du 30 avril 2015):



		http://energie.wallonie.be/servlet/Repository/cahier-des-charge-pac-2014.pdf?ID=29321&saveFile=true
	Solar Thermal	<p>The installation of solar water heaters can be supported financially under certain conditions, including:</p> <ul style="list-style-type: none"> • The solar collectors shall comply with the requirements of the relevant European standards (Art.13, Arrêté du 30 avril 2015) • The installation shall meet several technical requirements concerning the minimum global performance level (Art.13, Arrêté du 30 avril 2015) • The solar water heater shall be installed by a registered installer (Art.13, Arrêté du 30 avril 2015) <p>More specific technical requirements can be found in the annex of the decree of 30 April 2015.</p>
Amount	<p>Biomass: The subsidy amounts to € 800 for the installation of a fully automated biomass boiler in a dwelling. The amount of the subsidy for biomass heating plants cannot exceed 70 % of the total installation costs (VAT included) (Art.9, Arrêté du 30 avril 2015).</p> <p>Aerothermal, hydrothermal and geothermal energy: The subsidy amounts to € 800 for the installation of a fully automated heat pump in a dwelling. The amount of the subsidy for heat pumps cannot exceed 70 % of the total installation costs (VAT included) (Art.10, Arrêté du 30 avril 2015).</p> <p>Solar Thermal: The subsidy amounts to € 1,500 for the installation of a solar water heater in a dwelling. The amount of the subsidy for solar water heaters cannot exceed 70 % of the total installation costs (VAT included) (Art.13, Arrêté du 30 avril 2015).</p>	



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	It is possible to cumulate the subsidy with other means of financial support, as far as the total support does not exceed 75 % of the investment cost (Art. 8 Arrêté du 21 octobre 2010).	
Addressees	All natural persons who are recorded in the register of the population or in the register of foreigners and who are the investment commissioners (Art.1, Arrêté du 26 mars 2015).	
Procedure	Process flow	In order to apply for the subsidy, the applicant must send the form to the Walloon administration within 4 months following the date of the final installation invoice.
	Competent authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).
Flexibility mechanism		
Distribution of costs	State	The energy subsidies are directly financed by the budget of the Walloon region.
	Consumers	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



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Loan (Ecopack)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 26 janvier 2012 (SWCS) • Arrêté du 26 janvier 2012 (FLW) • Arrêté ministériel du 22 mars 2010 • Arrêté du 21 octobre 2010 		
Contact Authority	<ul style="list-style-type: none"> • Walloon Housing Fund for large families - Fonds du Logement des Familles nombreuses de Wallonie • Walloon Social Credit Corporation - Société Wallonne du Crédit Social 		
Summary	<p>Households willing to improve the energy performance of their houses may benefit from the Ecopack, which consists of a zero-percent interest loan combined with the allocation of subsidies for the realisation of several refurbishment works, including the installation of certain renewable energy devices. The Walloon Housing Fund for large families (FLW) and the Walloon Social Credit Corporation (SWCS) were empowered by the Walloon Government to grant the zero-percent loans and the additional subsidies.</p> <p>Please note: Applicants may only receive subsidies together with their zero-percent interest loan, provided they submit a complete application by 31 December 2014. From 1 January 2015, applicants will only be entitled to the zero-percent interest loan without additional subsidy.</p>		
Promoted technologies	<table border="1"> <tr> <td data-bbox="683 1078 1249 1303">General information</td><td data-bbox="1249 1078 2045 1303"> <p>The Ecopack is a support mechanism for the financing of works aiming at improving the energy performance of houses. The securing of the loan is conditioned to the realisation of a bunch of works, including a so-called “energy performance work” combined with other works such as the installation of solar water heaters. The installation of a heat pump as well as the installation of a biomass boiler are classified</p> </td></tr> </table>	General information	<p>The Ecopack is a support mechanism for the financing of works aiming at improving the energy performance of houses. The securing of the loan is conditioned to the realisation of a bunch of works, including a so-called “energy performance work” combined with other works such as the installation of solar water heaters. The installation of a heat pump as well as the installation of a biomass boiler are classified</p>
General information	<p>The Ecopack is a support mechanism for the financing of works aiming at improving the energy performance of houses. The securing of the loan is conditioned to the realisation of a bunch of works, including a so-called “energy performance work” combined with other works such as the installation of solar water heaters. The installation of a heat pump as well as the installation of a biomass boiler are classified</p>		



		as energy performance works. They must comply with the technical requirements as defined by the Walloon regulations for the allocation of energy subsidies 2014 (for more information on the energy subsidies, please refer to the corresponding section under “Primes énergies 2014”).
	Aerothermal	The installation of aerothermal heat pumps can be supported under certain conditions regarding the coefficient of performance (COP) of the heat pump. For an exhaustive description of the conditions, please refer to the Annex 3 of the ministerial decree of 22 March 2010 at: https://wallex.wallonie.be/PdfLoader.php?linkpdf=9914&mode=popup
	Solar thermal	<p>The installation of solar water heaters can be supported as part of the Ecopack under certain conditions, including:</p> <ul style="list-style-type: none"> • The solar collectors shall comply with the requirements of the relevant European standards (Art. 3 §1 Arrêté du 21 octobre 2010) • The installation shall meet several technical requirements concerning the minimum global performance level (Art. 3 §3 Arrêté du 21 octobre 2010) • The solar water heater shall be installed by a registered installer (Art. 3 §4 Arrêté du 21 octobre 2010) • The building shall meet several technical requirements concerning global performance as well as the global thermal insulation levels (Art. 4 Arrêté du 21 octobre 2010)
	Geothermal energy	The installation of heat pumps can be supported under certain conditions regarding the coefficient of performance (COP) of the heat



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		pump. For an exhaustive description of the technical conditions, please refer to the Annex 3 of the ministerial decree of 22 March 2010 at: https://wallex.wallonie.be/PdfLoader.php?linkpdf=9914&mode=popup
	Biogas	
	Hydrothermal	The installation of hydrothermal heat pumps can be supported under certain conditions regarding the coefficient of performance (COP) of the heat pump. For an exhaustive description of the conditions, please refer to the Annex 3 of the ministerial decree of 22 March 2010 at: https://wallex.wallonie.be/PdfLoader.php?linkpdf=9914&mode=popup
	Biomass	<p>The installation of biomass heating plants is eligible under certain conditions, including:</p> <ul style="list-style-type: none"> • The plant shall be fully automated and shall meet the requirements of the European standard NBN EN 303-5 (Art. 21 §1 Arrêté ministériel du 22 mars 2010). • The plant shall have a thermal efficiency of > 85 % according to the NBN EN 303-5 standard (Art. 21 §1 Arrêté ministériel du 22 mars 2010). • The installation shall be fully undertaken by a registered installer (Art. 21 §3 Arrêté ministériel du 22 mars 2010).
Amount	<p>The amount of the loan is determined according to cost of the works to be covered by the loan. The repayment period of the loan depends on the taxable income of the applicant:</p> <ul style="list-style-type: none"> • 12 years repayment period for applicants with a yearly taxable income under € 18,700. • 10 years repayment period for applicants with a yearly taxable income between € 18,701 and € 34,200. 	



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	<ul style="list-style-type: none"> • 8 years repayment period for applicants with a yearly taxable income between € 34,201 and € 51,300. • 5 years repayment period for applicants with a yearly taxable income between € 51,301 and € 91,300. <p>For the three first categories of income, the amount of the loan can be increased by € 2,500 per child.</p> <p>Until 31 December 2014, the applicant is entitled to the allocation of an additional subsidy as part of the Ecopack. The amount of the subsidy depends on the energy performance work:</p> <ul style="list-style-type: none"> • Aerothermal, hydrothermal and geothermal heat pumps benefit of a subsidy amounting to € 1,500 • Biomass heating plants benefit of a subsidy amounting to € 1,750 	
Addressees	<p>All individuals registered or in the process of registration in the population register with a reference address in Belgium are eligible to the Ecopack support. Individuals registered in the Register of foreigners with a right of residence of unlimited duration are also entitled to the Ecopack (Art. 2, Arrêté du 26 janvier 2012). Moreover, the applicant has to meet following conditions in order to be eligible:</p> <ul style="list-style-type: none"> • Be the homeowner, landlord or tenant of the house undergoing refurbishment works • Having received less than € 93,000 overall taxable income for the year of reference • Be at least 18 years old or an emancipated minor • Have stable income and sufficient financial capacity to repay the loan • Not having secured a social loan from the Walloon Housing Fund for large families or the Walloon Social Credit Corporation during the last 12 months. 	
Procedure	Procedure	<ul style="list-style-type: none"> • Individuals wishing to benefit from the Ecopack support shall first contact the Ecopack call center and submit a request for application • Once the application has been confirmed by the Ecopack application center, the applicant receives all relevant information



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		<p>concerning the documents to be filled-in for his application as well as the address to which the application has to be sent. The application file is composed of several documents, including:</p> <ul style="list-style-type: none"> ○ Application form ○ Certificate of income ○ Salary statements <ul style="list-style-type: none"> • The application is reviewed by a Credit Committee of the Walloon Housing Fund for large families (FLW) or the Walloon Social Credit Corporation (SWCS). Upon favourable decision by the Committee, the applicant receives a loan offer by mail. • The applicant signs the loan offer and sends it back to the Ecopack application center, in order to establish a final version of the loan agreement • Once the final version of the loan agreement is signed, the applicant has two years to complete the refurbishment works foreseen within his Ecopack support. • The payment of the invoices related to the refurbishment works are directly taken over by the FLW or the SWCS upon receipt of the invoices and their corresponding form.
	Competent authority	The competent authorities are the Walloon Housing Fund for large families and the Walloon Social Credit Corporation
Flexibility mechanism		



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Distribution of costs	State	The Ecopack support is directly financed by the budget of the Walloon region.
	Consumers	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	-



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Subsidy (Aide à l'investissement)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Circulaire du 29 septembre 2006 • Arrêté du 2 décembre 2004 • Décret du 11 mars 2004 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).	
Summary	Within the bounds of its available budget, the Walloon Region provides investment assistance for companies which develop projects aiming at developing the sustainable use of energy, including investments in renewable energy plants.	
Eligible technologies	General information	Eligible are only investments in tangible and intangible assets. As far as renewable energy plants are concerned, equipment for biogas and biomass CHP plants, biomass heating plants as well as solar thermal installations are eligible.
	Aerothermal	Eligible
	Hydrothermal	Eligible
	Biogas	All devices for the production of heat and electricity through biogas CHP plants with an electrical power less than 10 kW are eligible (Art.9 §2 Arrêté du 2 décembre 2004). Some equipment is however subjected to acceptance of the Walloon Energy and Economy Administrations (Administrations de l'Énergie et de l'Économie). For an exhaustive description please refer to the interpretative circular of 29 September 2006 (Circulaire du 29 septembre 2006).



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	Biomass	<p>All devices needed for heat production through biomass heating plants as well for heat and electricity production through biomass CHP plants are eligible, except for the following investments (Art.9 §2 Arrêté du 2 décembre 2004):</p> <ul style="list-style-type: none"> - CHP plants with an electrical power over 5 MW using solid biomass - Large company investments in CHP plants with an electrical power over 1 MW using solid biomass - Company investments in CHP plants using liquid biomass <p>Some equipment is however subjected to acceptance of the Walloon Energy and Economy Administrations (Administrations de l'Énergie et de l'Économie). For an exhaustive description please refer to the interpretative circular of 29 September 2006 (Circulaire du 29 septembre 2006).</p>
	Geothermal energy	Eligible
	Solar Thermal	<p>Following investments are eligible (Circulaire du 29 septembre 2006):</p> <ul style="list-style-type: none"> • Installed solar collectors • Integration devices for backup heating plants • Monitoring devices • Equipment certification • All other solar thermal devices needed for the production or use of heat, subjected to acceptance of the Walloon Energy and Economy Administrations (Administrations de l'Énergie et de l'Économie)



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Amount	<p>The investment costs eligible for the investment assistance shall amount to at least € 25,000 (Art. 7 §3 Arrêté du 2 décembre 2004).</p> <p>The subsidy is calculated on the basis of the additional costs borne by companies compared with the costs of conventional energy production plants with the same capacity.</p> <p>The amount of subsidy differs according to the company:</p> <ul style="list-style-type: none"> • For small and medium companies: max 50 % of the investments costs can be supported. Moreover, the total amount of the subsidy cannot exceed € 1.5 million over 4 years (Art.9 §2 Arrêté du 2 décembre 2004). • For large companies: max 20 % of the investments costs can be supported. However, if the company is located within a development zone, the amount can be increased by 5 % or 10 % according to the province (Art.9 §2 and 4 Arrêté du 2 décembre 2004). 	
Addressees	<p>The entitled companies can be natural persons (shopkeepers, liberal professions), commercial companies as well as agricultural companies (Art. 4 Décret du 11 mars 2004).</p>	
Procedure	Process flow	<p>A preliminary form shall be submitted before the beginning of the investments. The beginning of the investments corresponds to the date of the first invoice. After the administration has acknowledged receipt of the preliminary form, the company shall submit its application within the following 6 months.</p>
	Competent authority	<p>Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).</p>
Flexibility mechanism	<p>The investment assistance of the Walloon region can only be granted to companies having at least one operation office located in the Walloon region, and whose investment project is planned within the Walloon region (Art. 6 Décret du 11 mars 2004).</p>	



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Distribution of costs	State	The energy subsidies are directly financed by the budget of the Walloon region.
	Consumers	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



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Subsidy (Subventions UREBA)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 28 mars 2013 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).	
Summary	Within the bounds of its available budget, the Walloon region provides UREBA subsidies, which aim at supporting public bodies such as towns and provinces in their initiatives to reduce the energy consumption of their buildings. Projects using renewable energy sources are subsidised.	
Eligible technologies	General information	The material as well as the installation of renewable energy plants for the production of heat for the exclusive use of the building are eligible (Annexe 5, 1. Arrêté du 28 mars 2013). The minimum investment costs shall amount to at least € 2,500 (Art. 4 §2 Arrêté du 28 mars 2013). Moreover, the producer of heat from renewable energy installations engages to keep the administration informed of the energy consumption of the concerned building during 10 years (Art. 8 §3 Arrêté du 28 mars 2013).
	Aerothermal	Eligible under the condition that the heat pump does not produce cooling (Annex 5, Arrêté du 28 mars 2013).
	Hydrothermal	
	Biogas	Eligible, under the condition that the CHP plant allows a CO2 saving of at least 10 % in comparison with conventional electricity production installations (Annex 5, Arrêté du 28 mars 2013).



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		Percentage according to the Walloon Department of Energy and Sustainable Building).
	Biomass	Heat production through biomass heating plants as well through biomass CHP plants is eligible. The CHP plant shall allow a CO2 saving of at least 10 % in comparison with conventional electricity production installations (Annex 5, Arrêté du 28 mars 2013. Percentage according to the Walloon Department of Energy and Sustainable Building). Water heaters are also eligible, under the condition that their thermal performance is at least of 85% according to the standard NBN EN 303-5 (Annex 5, Arrêté du 28 mars 2013).
	Geothermal energy	Eligible under the condition that the heat pump does not produce cooling (Annex 5, Arrêté du 28 mars 2013).
	Solar Thermal	Eligible under several conditions, including (Annex 5, Arrêté du 28 mars 2013): - installations shall meet the requirements of the European standards - the installation of the solar thermal device shall be performed by a registered installer - the installation is equipped with a monitoring system allowing the calculation of its annual energetic performance
Amount	The subsidy amounts to 30 % of the investment costs (inc. VAT). However, in case the investments are subject to other support schemes accounting for over 40 % of the eligible amount of the UREBA subsidies, then the percentage is based on the share of investments which is not covered by the other subsidies. (Art. 4 §1, Arrêté du 28 mars 2013).	



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Addressees	The entitled bodies are legal persons governed by public law as well as non-commercial bodies such as schools, hospitals, swimming pools etc. (Art. 2 Arrêté du 28 mars 2013)	
Procedure	Process flow	<ul style="list-style-type: none"> • The applicant first submits his application form along with the required documents (Art. 7 Arrêté du 28 mars 2013). • The administration notifies the applicant of the rejection of subsidy within 6 months after having acknowledged the application as complete (Art. 8 Arrêté du 28 mars 2013). No deadline is indicated regarding by when the administration has to send a notification of acceptance of subsidy. • The installation has to be completed within 3 years after the notification of the acceptance of subsidy (Art. 10 Arrêté du 28 mars 2013). • In order to receive the amount of the subsidy, the applicant shall send his payment request within 1 year following the installation of the renewable energy plant (Art. 10 Arrêté du 28 mars 2013).
	Competent authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).
Flexibility mechanism		
Distribution of costs	State	The UREBA subsidies are directly financed by the budget of the Walloon region.
	Consumers	



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	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



Policies

Summary of policies

Overview	The following policies aim at promoting the development, installation and usage of RES-installations: A training programme as well as a quality label for RES-installers, two different research, development and dissemination (RD&D) programmes and a building obligation for the use of renewable heating. However, there is no regional certification programme for RES installations provided in the Walloon region.
Summary of policies	<ul style="list-style-type: none"> • In general, there are two types of training programmes for installers of RES-installations: The certification scheme “Qualiwall” allows installers of renewable energy systems as well as professionals of the energy efficiency sector to be certified by the Walloon region. Moreover, the quality label “NRQual” certifies installers of renewable energy devices. • There are two types of Research, Development and Demonstration Programmes: The Walloon region provides financial support to companies (Avance récupérable en R&D) as well as to universities and research institutes (Aides à la recherche en énergie) willing to develop R&D projects. • As far as the RES-H building obligation is concerned, the Energy Performance for Buildings legislation obliges certain new buildings as well as existing buildings with a floor area greater than 1000 m² to install thermal solar collectors or any other installation allowing an energy saving at least equivalent to thermal solar collectors. •
Technologies	
Statutory provisions	<ul style="list-style-type: none"> • Arrêté du 21 Octobre 2010 (Arrêté du 21 Octobre 2010 du Gouvernement wallon visant à octroyer une prime pour l’installation d’un chauffe-eau solaire - Decree of the Walloon Government aiming at allocating a subsidy for the installation of solar water heaters)



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	<ul style="list-style-type: none">• Arrêté du 18 juin 2009 (Arrêté du 18 juin 2009 du Gouvernement wallon relatif aux actes et travaux visés à l'article 84, §2, alinéa 2, du CWATUPE, à la composition des demandes de permis d'urbanisme et à la procédure applicable en matière de performance énergétique des bâtiments - Decree of 18 June 2009 of the Walloon Government regarding the construction permits and the procedure applicable for the energy performance of buildings as regulated in the CWAPE).• CWATUPE (Code Wallon de l'Aménagement du Territoire, de l'Urbanisme, du Patrimoine et de l'Energie (CWATUPE) - Walloon code for urbanism, territorial planning, patrimony and energy (CWATUPE))• Décret du 30 juillet 2008 (Décret du 30 juillet 2008 relatif au soutien de la recherche, du développement et de l'innovation en Wallonie - Decree of 30 July 2008 regarding the support of research, development and innovation in the Walloon region)• Arrêté du 27 juin 2013 (Arrêté du Gouvernement wallon du 27 juin 2013 mettant en place un système de certification des installateurs de systèmes de production d'énergie à partir de sources renouvelables et des professionnels des travaux liés à l'efficacité énergétique - Decree of the Walloon Government implementing a certification scheme for installers of renewable energy systems and professionals of the energy efficiency sector)
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Basic information on legal sources

Name of legal source (original language)	Arrêté du 21 Octobre 2010 du Gouvernement wallon visant à octroyer une prime pour l'installation d'un chauffe-eau solaire et abrogeant l'arrêté du Gouvernement wallon du 27 novembre 2003 visant à octroyer une prime pour l'installation d'un chauffe-eau solaire	Arrêté du 18 juin 2009 du Gouvernement wallon relatif aux actes et travaux visés à l'article 84, §2, alinéa 2, du CWATUPE, à la composition des demandes de permis d'urbanisme et à la procédure applicable en matière de performance énergétique des bâtiments	Code Wallon de l'Aménagement du Territoire, de l'Urbanisme, du Patrimoine et de l'Energie (CWATUPE)
Full name			
Name (English)	Decree of the Walloon Government aiming at allocating a subsidy for the installation of solar water heaters	Decree of 18 June 2009 of the Walloon Government regarding the construction permits and the procedure applicable for the energy performance of buildings as regulated in the CWAPE.	Walloon code for urbanism, territorial planning, patrimony and energy (CWATUPE)
Abbreviated form	Arrêté du 21 Octobre 2010	Arrêté du 18 juin 2009	CWATUPE
Entry into force	01.01.2011	01.05.2010	29.05.1984
Last amended on	01.04.2015	27.08.2009	21.12.2015
Future amendments			



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Purpose			
Relevance for renewable energy	This decree regulates the accreditation of installers of solar water heaters.	This decree specifies the construction works, the construction permits as well the procedure applicable for the energy performance of buildings as defined in the CWATUPE.	This code introduces the obligation to install thermal solar collectors on buildings.
Link to full text of legal source (original language)	https://wallex.wallonie.be/index.php?doc=18579&rev=19556-20417	http://wallex.wallonie.be/index.php?doc=15274&rev=15871-9185	http://wallex.wallonie.be/index.php?doc=1423
Link to full text of legal source (English)			



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Name of legal source (original language)		Décret du 3 juillet 2008 relatif au soutien de la recherche, du développement et de l'innovation en Wallonie	Arrêté du Gouvernement wallon du 27 juin 2013 mettant en place un système de certification des installateurs de systèmes de production d'énergie à partir de sources renouvelables et des professionnels des travaux liés à l'efficacité énergétique
Full name			
Name (English)		Decree of 3 July 2008 regarding the support of research, development and innovation in the Walloon region	Decree of the Walloon Government implementing a certification scheme for installers of renewable energy systems and professionals of the energy efficiency sector
Abbreviated form		Décret du 3 juillet 2008	Arrêté du 27 juin 2013
Entry into force		29.07.2008	22.07.2013
Last amended on		01.01.2015	01.01.2015
Future amendments			
Purpose		This decree allows companies to benefit from an advance amounting to up to 70 % of their investment costs for projects of	The decree set out the conditions for the allocation of the certificate called "Qualiwall".



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		applied research or technological development.	
Relevance for renewable energy		Research and development projects in the field of renewable energy are also concerned by the advance.	The “Qualiwall” certificate is granted to installers of renewable energy systems and professionals of the energy efficiency sector.
Link to full text of legal source (original language)		http://wallex.wallonie.be/index.php?doc=11217&rev=14595-13090	https://wallex.wallonie.be/index.php?doc=25617&rev=26894-13766
Link to full text of legal source (English)			



Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Service Public de Wallonie (SPW) Direction Générale opérationnelle de l'Energie (DGO4) – Public Service of the Walloon region – Directorate General for Energy (DG04)	http://energie.wallonie.be		+ 32 81 48 63 11	
Service public de Wallonie - Direction générale opérationnelle de l'Economie, de l'Emploi & de la Recherche (DGO6) - Public Service of the Walloon region – Directorate General for Economy, Employment and Research (DGO6)	http://recherche-technologie.wallonie.be/		+32 81 33 40 79	



Policy categories

Training programmes for Installers (Qualiwall)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 21 Octobre 2010 • Arrêté du 27 juin 2013
Sectors	<p>Heating and Cooling</p> <p>Electricity</p>
Contact authority	Public Service of the Walloon region – Directorate General for Energy (DG04)
Description	<p>The certification scheme “Qualiwall” allows installers of renewable energy systems as well as professionals of the energy efficiency sector to be certified by the Walloon region. The certification is granted by an accredited inspection body and has a validity of 5 years (Art. 4-5, Arrêté du 27 juin 2013). The granting of a certification is subject to several requirements, including the obligation to follow a training programme followed by a final test (Art. 5, Arrêté du 27 juin 2013).</p> <p>Under certain conditions, the costs of the training programmes can be borne through “training cheques” (chèques-formation de la region Wallonne) both by the Walloon region and by the installation company (for further information please refer to www.be.sodexo.com). The “training cheques” are intended for SMEs with maximum 250 workers (Full Time Equivalent) as well as for self-employed workers wishing to increase the effectiveness of their staff. Installers of photovoltaic installations can follow a training programme in one of the 4 training centres accredited by the Walloon Region, namely:</p> <ul style="list-style-type: none"> • CEFORTEC • FOREM Mons



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	<ul style="list-style-type: none"> • Centre IFAPME CREALYS • Centre ZAWM Eupen VoG <p>Moreover, the Walloon region has introduced a new quality label for installers of renewable energy devices called “NRQual”. The labelling organisation “Quest for Quality” delivers certificates for installers of heat pumps as well as of photovoltaic and solar thermal installations. The allocation of the “NRQual” label is conditioned to the fulfilment of the conditions for the granting of the Qualiwall support. However, no training program is required.</p>
Addressees	<p>The Qualiwall certification may be granted to installers of renewable energy systems, including (Art. 3, Arrêté du 27 juin 2013):</p> <ul style="list-style-type: none"> • PV installations • solar heating installations for domestic hot water production; • combined solar thermal installations for domestic heating and hot water production • biomass installations with wood stove; • biomass installations for central heating; • heat pumps, • shallow geothermal installations; <p>Each natural person can submit an application for the granting of the Qualiwall certificate, provided he meets the conditions as determined in article 3 of the decree of 27 June 2013.</p> <p>The “NRQual” quality label is addressed to installers of heat pumps, photovoltaic and solar thermal systems.</p>
Competent authority	<p>The competent authorities are the Walloon Ministry of Energy and the Walloon Ministry of Professional Development (Art. 4, Arrêté du 27 juin 2013). The certificates are granted by accredited inspection bodies designated by the Ministry of</p>



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	<p>Energy and the Ministry of Professional Development (Art. 8-9, Arrêté du 27 juin 2013). The organisation “RESCert” is in charge of managing the applications for certification for all three regions.</p> <p>As far as the “NRQual” quality label for installers is concerned, the labelling organisation “Quest for Quality” is in charge of granting the labels.</p>	
Further information	<p>Training cheques: http://be.benefits-rewards.sodexo.com/fr/entreprises/cheque-formation http://emploi.wallonie.be/Emploi_Formation/Se_Former/cheques_formation.html</p> <p>Acknowledged training centres: www.cefortec.bewww.formation-environnement.be http://www.centrenbw.ifapme.be/ http://www.zawm.be/</p> <p>Certification organisation: http://www.rescert.be/</p> <p>Labelling organisation for the quality label « NRQual » : http://www.questforquality.be/</p>	
Distribution of costs	State	The Walloon region finances €15 per hour and per training programme.
	Private Financing	The rest of the costs are borne by the installation company.
	European Union	



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	Others	
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RD&D Policies (Avance récupérable en R&D et Aides à la recherche en énergie)

Abbreviated form of legal source(s)	Décret du 3 juillet 2008
Sectors	Electricity Heating and Cooling
Contact authority	Public Service of the Walloon region – Directorate General for Energy (DG04) Public Service of the Walloon region – Directorate General for Economy, Employment and Research (DGO6)
Description	<p>The Walloon region provides financial support to companies as well as to universities and research institutes willing to develop R&D projects. Companies set up in the Walloon Region can benefit from an advance amounting of up to 70 % of their investment costs for projects of applied research or technological development (Art. 17, Décret du 3 juillet 2008). Universities and research institutes can benefit from calls for tenders published by the Department of Energy and Sustainable Building (DG04) and by the Department of Economy, Employment and Research (DGO6) of the Public Service of Wallonia.</p> <p>Moreover, the Walloon Energy Commission (CWAPE) has to undertake a yearly evaluation of the green certificates market as well as its provisions for the development of new installations within the next 5 years. Every three years the CWAPE has to deliver a detailed analysis of the technical and economic aspects of the several electricity sectors.</p>



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Addressees	Universities and research institutes are eligible for the calls for tenders, whereas companies can apply both to the calls for tenders and to the liquidity advance.
Competent authority	The Department of Energy and Sustainable Building (DG04) and the Department of Economy, Employment and Research (DG06) of the Public Service of Wallonia are responsible for the support schemes.
Further information	http://energie.wallonie.be/fr/aides-r-d-energie-en-wallonie.html?IDC=7409



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RES-H building obligations (Performance énergétique des bâtiments)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • CWATUPE • Arrêté du 18 juin 2009
Sectors	Heating and Cooling
Contact authority	Public Service of the Walloon region – Directorate General for Energy (DG04)
Description	<p>The Walloon legislation “EPB-Energetic Performance of Buildings” (PEB- Performance énergétique des bâtiments) implements the requirements of the European directive 2002/91/CE regarding the promotion of buildings’ energy performance.</p> <p>Art. 237/32 of the CWATUPE introduces the obligation for certain new buildings as well as existing buildings with a floor area greater than 1000 m² to install thermal solar collectors or any other installation allowing an energy saving at least equivalent to thermal solar collectors.</p>
Obligated entities	All new and existing buildings defined in article 237/9 and 237/10 which are subjected to construction permits shall follow the requirements of the “Energetic Performance of Buildings” (Art. 237/32, CWATUPE).
Competent authority	The competent authority is the Department of Energy and Sustainable Building (DG04) of the Public Service of Wallonia.
Further information	http://energie.wallonie.be/fr/reglementation-peb-comment-atteindre-les-exigences.html?IDC=8732&IDD=97802
Obligation on regional level	



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