



Renewable energy policy database and support – RES-LEGAL EUROPE

Regional profile: Wallonia

Client: DG Energy

Contact author: Céline Najdawi, cn@eclareon.com

Berlin, 26 December 2012





eclareon GmbH

Luisenstraße 41
10117 Berlin
Germany
Phone : +49 30 246 86 90
Fax: +49 30 246 286 94
www.eclareon.com



Öko-Institut

P.O. Box 1771
79017 Freiburg
Germany
Phone : +49 761 45295-30
Fax: +49 761 45295-88
www.oeko.de



ECN

P.O. Box 1
1755 ZG Petten
The Netherlands
Phone : +31-224-564450
Fax: +31-224-568486
www.ecn.nl







TABLE OF CONTENTS

RES-E SUPPORT SCHEMES	5
<i>Summary of support schemes</i>	<i>6</i>
<i>Basic information on legal sources</i>	<i>9</i>
<i>Further information</i>	<i>15</i>
<i>Support schemes</i>	<i>16</i>
GRID ISSUES	34
<i>Overview</i>	<i>34</i>
<i>Basic information on legal sources</i>	<i>36</i>
<i>Further information</i>	<i>38</i>
<i>Connection to the grid</i>	<i>39</i>
RES-H&C SUPPORT SCHEMES	48
<i>Summary of support schemes</i>	<i>48</i>
<i>Basic information on legal sources</i>	<i>50</i>
<i>Further information</i>	<i>56</i>
<i>Support schemes</i>	<i>57</i>
POLICIES	71
<i>Summary of policies</i>	<i>71</i>
<i>Basic information on legal sources</i>	<i>73</i>
<i>Further information</i>	<i>77</i>
<i>Policy categories</i>	<i>78</i>



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 energy subsidies, 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 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

<p>Overview</p>	<p>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 energy subsidies, investment assistance for companies or for public bodies and net-metering.</p>
<p>Summary of support system</p>	<ul style="list-style-type: none">• Quota system (certificats verts): 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 (Primes énergie 2012): Energy subsidies are provided by the Walloon Region for the generation of electricity through biogas and biomass CHP 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.• 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).



RES-LEGAL EUROPE – Regional Profile Wallonia



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.
Statutory provisions	<ul style="list-style-type: none">• 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)• 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)• 21 mars 2008 - Arrêté ministériel déterminant le facteur de réduction « k » pour la période 2008 à 2010 (Ministerial Decree of 21 March 2008 Defining the Factor "k" for the period from 2008 to 2010)• 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)• 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 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



RES-LEGAL EUROPE – Regional Profile Wallonia



	<p>incentives aiming at the promotion of environmental protection and sustainable use of energy)</p> <ul style="list-style-type: none">• Arrêté du 10 avril 2003 (Arrêté du 10 avril 2003 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 10 April 2003 of the Walloon Government regarding the allocation of subsidies for projects aiming at improving the energy performance of their buildings).• 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.)• Décret du 18 juillet 2012 (Décret du 18 juillet 2012 contenant le premier feuillet d'ajustement du budget des recettes de la Région wallonne pour l'année budgétaire 2012 - Decree of 18 July 2012 describing the first adjustments of the revenue budget of the Walloon Region for the budget year 2012).
--	---



RES-LEGAL EUROPE – Regional Profile Wallonia



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 (AGW-OSP)	12 avril 2001 - Décret relatif à l'organisation du marché régional de l'électricité
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
Abbreviated form	Arrêté du 30 novembre 2006	AGW-OSP du 30 mars 2006	Décret du 12 avril 2001
Entry into force	01.01.2007	26.06.2006	11.05.2001
Last amended on	01.03.2012	15.07.2010	27.10.2011
Future amendments			
Purpose	Supporting renewable electricity generation	This decree implements the "European Directive concerning Common Rules for the Internal	This decree implements the "European Directive on the Promotion of the Use of Energy



RES-LEGAL EUROPE – Regional Profile Wallonia



		Market in Electricity" in the region of Wallonia.	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		The decree introduces the grid operators' obligation to purchase electricity from renewable sources and sets the minimum price for green certificates.	
Link to full text of legal source (original language)	http://wallex.wallonie.be/index.php?mod=voirdoc&script=wallex2&PAGEDYN=SIGNTEXT&CODE=273986&MODE=STATIC	http://wallex.wallonie.be/index.php?doc=8986&rev=8106-11404	http://wallex.wallonie.be/index.php?doc=9075
Link to full text of legal source (English)			



RES-LEGAL EUROPE – Regional Profile Wallonia



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	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	Décret du 18 juillet 2012 contenant le premier feuilletton d'ajustement du budget des recettes de la Région wallonne pour l'année budgétaire 2012
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	Ministerial decree of 22 March 2010 regarding the granting conditions of the subsidies promoting the rational use of energy	Decree of 18 July 2012 describing the first adjustments of the revenue budget of the Walloon Region for the budget year 2012
Abbreviated form	Arrêté du 3 mars 2011	Arrêté du 29 septembre 2011	Arrêté ministériel du 22 mars 2010	Décret du 18 juillet 2012
Entry into force	21.05.2011	01.10.2011	30.04.2010	01.01.2012
Last amended on			08.08.2012	
Future amendments				



RES-LEGAL EUROPE – Regional Profile Wallonia



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 ministerial decree specifies the conditions for the allocation of the subsidy for the installation of renewable energy plants.	This decree introduced a 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	http://wallex.wallonie.be/index.php?doc=21339&rev=22356-14305	http://wallex.wallonie.be/index.php?doc=16958	http://wallex.wallonie.be/index.php?doc=23137&rev=24254-12764
Link to full text of legal source (English)				



RES-LEGAL EUROPE – Regional Profile Wallonia



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	Arrêté du 10 avril 2003 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)	Décret du 11 mars 2004 relatif aux incitants destinés à favoriser la protection de l'environnement et l'utilisation durable de l'énergie
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 10 April 2003 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.	Decree of 11 March 2004 regarding the incentives aiming at the promotion of environmental protection and sustainable use of energy
Abbreviated form	Circulaire du 29 septembre 2006	Arrêté du 2 décembre 2004	Arrêté du 10 avril 2003	Décret du 11 mars 2004
Entry into force	19.01.2007	01.10.2003	10.06.2003	18.04.2004



RES-LEGAL EUROPE – Regional Profile Wallonia



Last amended on		20.10.2011	16.09.2010	12.12.2008
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	Projects using renewable energy sources can be subsidised.	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	http://wallex.wallonie.be/index.php?doc=3770&rev=3099-13984	http://wallex.wallonie.be/index.php?doc=9101	http://wallex.wallonie.be/index.php?doc=3774&rev=3103-3436
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)
Ministère Wallon en charge de l'énergie – Walloon Ministry of Energy	http://energie.wallonie.be/fr/le-ministre-wallon.html?IDC=6268	Office of Minister Jean-Marc Nollet	+ 32 81 32 18 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	



Support schemes

Subsidy (primes Energie 2012)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté ministériel du 22 mars 2010 	
Contact Authority	Public Service of Wallonia - Department of Energy and Sustainable Building (DG04)	
Summary	Energy subsidies are provided by the Walloon Region for the generation of electricity through CHP plants using renewable energy.	
Eligible technologies	General information	CHP plants using biogas or biomass are eligible.
	Wind energy	
	Solar energy	
	Geothermal energy	
	Biogas	<p>The installation of biogas CHP plants is eligible under certain conditions, including:</p> <ul style="list-style-type: none"> • The biogas CHP plant shall be installed in a building • The notification of acceptance of the Walloon Energy Commission (CWAPE) regarding the green certificates and the guarantees of origin shall be dated between the 1 January and the 31 December 2012. • The CHP plant shall be installed by a registered installer
	Biomass	The installation of biomass CHP plants is eligible under certain conditions, including:



RES-LEGAL EUROPE – Regional Profile Wallonia



		<ul style="list-style-type: none"> The biomass CHP plant shall be installed in a building The notification of acceptance of the Walloon Energy Commission (CWAPE) regarding the green certificates and the guarantees of origin shall be dated between the 1 January and the 31 December 2012. The CHP plant shall be installed by a registered installer
Amount	The subsidy amounts to 20 % of the installation costs (mounting costs only) and cannot exceed € 15,000 (Art. 31 Arrêté ministériel du 22 mars 2010).	
Addressees	All natural or legal persons (Art. 4 and 46 Arrêté ministériel du 22 mars 2010)	
Procedure	Process flow	The applicant shall submit his application to the Walloon administration within 4 months following the notification of acceptance of the Walloon Energy Commission (CWAPE) regarding green certificates and guarantees of origin of the installation (Art. 33 Arrêté ministériel du 22 mars 2010).
	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	



RES-LEGAL EUROPE – Regional Profile Wallonia



	European Union	
	Distribution mechanism	



RES-LEGAL EUROPE – Regional Profile Wallonia



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'Énergie et de l'Économie). For an exhaustive description please refer to the interpretative circular of the 29 September 2006 (Circulaire du 29 septembre 2006).
	Wind energy	Eligible
	Solar energy	
	Geothermal energy	
	Biogas	The production of heat and electricity through biogas CHP plants is eligible.
	Hydro-power	Eligible
	Biomass	Heat production through biomass heating plants as well as heat and



RES-LEGAL EUROPE – Regional Profile Wallonia



		electricity production through biomass CHP plants are eligible.
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 the 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). <p>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).</p>	
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.



RES-LEGAL EUROPE – Regional Profile Wallonia



	Consumers	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



RES-LEGAL EUROPE – Regional Profile Wallonia



Subsidy (Subventions UREBA)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 10 avril 2003 	
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 electricity for the exclusive use of the building are eligible (Art. 3 §2, c) Arrêté du 10 avril 2003). In this sense, wind energy plants are not eligible. The minimum investment costs shall amount at least € 2,500 (Art. 4 §2 Arrêté du 10 avril 2003). Moreover, the producer of electricity 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 10 avril 2003).
	Wind energy	
	Solar energy	Eligible
	Geothermal energy	
	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 10 avril 2003. Percentage according



RES-LEGAL EUROPE – Regional Profile Wallonia



		to the Walloon Department of Energy and Sustainable Building).
	Hydro-power	Eligible
	Biomass	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 10 avril 2003. Percentage according to the Walloon Department of Energy and Sustainable Building).
Amount	The subsidy amount 30 % of the investment costs (inc. VAT). However, the subsidy amounts to only 15 % if it is combined with other support schemes supporting more than 20 % of the eligible costs (Art. 4 §1, b) Arrêté du 10 avril 2003).	
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 10 avril 2003)	
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 10 avril 2003). • The administration notifies the applicant of the acceptance of subsidy within 3 months after having acknowledged the application as complete (Art. 8 Arrêté du 10 avril 2003). • The installation has to be completed within 3 years after the notification of the acceptance of subsidy (Art. 10 Arrêté du 10 avril 2003). • 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 10 avril 2003).
	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	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



RES-LEGAL EUROPE – Regional Profile Wallonia



Quota system (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 18 juillet 2012 	
Contact Authority	CWAPE	
Summary	<p>The Walloon government introduced the quota system to increase the proportion of renewable energy in total energy generation. In general, all renewable energy generation technologies except for geothermal power plants are eligible under the quota system. In Wallonia, green certificates are allocated by the Walloon regulatory authority CWAPE. The number of certificates depends on the amount of electricity generated (in kWh); one certificate is issued for every MWh divided by the amount of CO2 saved. There are several levels of CO2 savings, which are set by CWAPE and depend on the renewable energy generation technology employed (Art. 38 Décret du 12 avril 2001).</p> <p>Please note: On 19 July 2012, the Walloon Parliament has adopted the introduction of a fee for RES-E producers operating installations with a capacity over 10 kW and applying for the allocation of green certificates (Art. 3, Décret du 18 juillet 2012). The amount of the fee is calculated per MWh on the basis of the total RES-E production eligible for the green certificates. According to the CWAPE, the fee amounts €ct 54 per MWh for the year 2012. The amount of the fee for the year 2013 shall be published by the beginning of 2013.</p>	
Eligible technologies	General information	<p>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 15 years. When the installation has received certificates for 10 years, the amount of certificates issued is reduced according to the so-called "k-factor". The "k-factor" is calculated according to several criteria and is adjusted every three years (Art. 15 Arrêté du 30 novembre 2006). On 1 October 2011, the validity of the current k-factor was extended for the time being (except for solar energy) (Arrêté du 29 septembre 2011). According to experts, the reason for this</p>



RES-LEGAL EUROPE – Regional Profile Wallonia



		<p>decision is that in 2013 the Walloon government will be obliged to report on the development of the quotas between the years 2013 and 2016. A priori the current k-factor will thus be in effect until 2013.</p> <p>Moreover, the number of green certificates issued for renewable energy plants put into operation prior to 1 May 2001 decreases by the "q-factor" (similar to the k-factor, for plants which were put in operation before the decree of the 12 April 2001 came into force) (Art. 15 bis, Arrêté du 30 novembre 2006).</p>
	<p>Wind energy</p>	<p>Eligible. The amount of green certificate is calculated on a case-by-case basis and depends on the size and type of plant:</p> <p>"k-factor": 25 % to 100 %, depending on the size of the plant (Annex, Arrêté ministériel du 21 mars 2008). "q-factor": 50 % (Annex, Arrêté du 30 novembre 2006).</p>
	<p>Solar energy</p>	<p>Photovoltaic generation for PV installations is eligible. The amount of green certificates attributed by the CWAPE is calculated on the basis of the produced green electricity:</p> <ul style="list-style-type: none"> • 7 green certificates per MWh for the first 5 kWp of installed capacity • 5 green certificates per MWh for the next 5 kWp of installed capacity • 4 green certificates per MWh for a further 240 kWp of installed capacity, if certain requirements are met (if not all of these requirements are complied with, only 1 green certificate per MWh will be issued). • 1 green certificate per MWh for an installed capacity of more than 250 kWp (Art. 15 quater, Arrêté du 30 novembre 2006). <p>The grant terms and conditions of the green certificates for installations up to 10 kWp are those in force to the date when at least 20 % of the total investment costs are paid. This applies only if the control body receives the application within 6 months after the payment of the 20 %.</p> <p>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.</p> <p>For PV installations with a capacity up to 10 kWp, the applied k-factor is the one in force at the date when at least 20 % of the total investment costs are paid. This applies only if the control body receives</p>



RES-LEGAL EUROPE – Regional Profile Wallonia



		<p>the application for the certificate of origin within 6 months after the payment of the 20 %. For PV installations over 10 kWp, the applicable k factor is the one in force at the date of receipt of the certificate of origin.</p> <p>For PV installations up to 10 kWp, the number of green certificates to be issued according to the applicable coefficient is set out in Annex 2 of Arrêté du 30 novembre 2006.</p> <p>The "k-factor" for PV installations corresponds to 0 % (Annex Arrêté du 29 septembre 2011). Since the k-factor is zero, the eligibility period for green certificates expires after 10 years.</p> <p>The "q-factor" for PV installations corresponds to 100 % (Annex 1, Arrêté du 30 novembre 2006).</p>
	Geothermal energy	
	Biogas	<p>Eligible.</p> <p>The amount of green certificate is calculated on a case-by-case basis and depends on the size and type of plant.</p> <p>"k-factor": 25 % to 100 %, depending on the size of the plant (Annex, Arrêté ministériel du 21 mars 2008).</p> <p>"q-factor": 50 % (Annex, Arrêté du 30 novembre 2006).</p>
	Hydro-power	<p>Eligible.</p> <p>The amount of green certificate is calculated on a case-by-case basis and depends on the size and type of plant.</p> <p>"k-factor": 25 % to 100 %, depending on the size of the plant (Annex, Arrêté ministériel du 21 mars 2008).</p> <p>"q-factor": 50 % to 80 %, depending on the type of plant (Annex, Arrêté du 30 novembre 2006).</p>
	Biomass	<p>Eligible.</p> <p>The amount of green certificate is calculated on a case-by-case basis and depends on the size and type of plant.</p> <p>"k-factor": 25 % to 100 %, depending on the size of the plant (Annex, Arrêté ministériel du 21 mars 2008).</p> <p>"q-factor": 50 % (Annex, Arrêté du 30 novembre 2006).</p>
Amount	Amount of quota and period of	From 1 January 2010, the quota increase is as follows (Art. 25, Arrêté du 30 novembre 2006):



RES-LEGAL EUROPE – Regional Profile Wallonia



	<p>application</p>	<ul style="list-style-type: none"> • 13.5 % in 2011 • 15.75 % in 2012 • 19.4 % in 2013 • 23.1 % in 2014 • 26.7 % in 2015 • 30.4 % in 2016 • 37.9 % in 2020 <p>The rates from 2013 until 2020 were passed by the Walloon Government on 1 March 2012; however, they were not officially published in the Belgian official gazette yet.</p> <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>
	<p>Adjustment of quotas</p>	<p>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 decides on whether or not to introduce new quotas (Art. 25, Arrêté du 30 novembre 2006).</p>
	<p>Number of certificates according to technology</p>	<p>On the one hand, the PV sector receives more certificates than other sectors, as certificates for PV are calculated according to a multiplication coefficient instead of a coefficient reflecting CO2 savings (Art. 38, Décret du 12 avril 2001). On the other hand, the eligibility of PV installations for green certificates expires after 10 years.</p>
	<p>Minimum price per certificate</p>	<p>The minimum price per green certificate is € 65 (Art. 24 quinquies, Arrêté wallon du 30 mars 2006).</p>
	<p>Fees and penalty charges</p>	<p>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).</p>
	<p>Yearly Average Certificate Price</p>	
<p>Eligibility period</p>		



RES-LEGAL EUROPE – Regional Profile Wallonia



International applicability	International certificate trade	The green certificates issued in EU Member States may be acknowledged by the Walloon region under certain conditions listed in article 28 of the decree of 30 November 2006.
	Flexibility Mechanism	
Addressees	The grid operators are obliged to meet the quotas set by law by purchasing green certificates from the generators of electricity and submit these certificates to the regulatory authority for authentication (Art. 25, Arrêté du 30 novembre 2006). The persons benefiting from this rule are the electricity generators.	
Procedure	Process flow	<ul style="list-style-type: none"> An operator of a renewable energy plant who would like to receive green certificates for his electricity shall file an application with the regulatory authority (for plants less than or equal to 10 kW) or with the grid operator (Art. 10, Arrêté du 30 novembre 2006). He/she shall obtain certification for his/her installation from an authorised body (Art. 6 bis, Arrêté du 30 novembre 2006). The Walloon regulatory authority, CWaPE, or the 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). CWaPE (or the grid operator) shall, within one month of receipt of a complete application, inform the applicant on whether or not his/her installation will obtain certification (Art. 12, Arrêté du 30 novembre 2006). Every quarter, CWaPE allocates certificates of origin per MWh and green certificates according to the amount of electricity generated. On 1 December 2009, the allocation process for green certificates for plants less than or equal to 10 kW was simplified. Operators of these plants are entitled to the premature award of certificates (Art. 13, 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).



RES-LEGAL EUROPE – Regional Profile Wallonia



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	



Net-Metering (Mécanisme de compensation)

<p>Abbreviated form of legal source(s)</p>	<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 	
<p>Contact Authority</p>	<p>Public Service of Wallonia - Department of Energy and Sustainable Building (DG04)</p>	
<p>Summary</p>	<p>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).</p>	
<p>Eligible technologies</p>	<p>General information</p>	<p>Autoproducers 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).</p>
	<p>Wind energy</p>	<p>Eligible</p>
	<p>Solar energy</p>	<p>Eligible</p>
	<p>Geothermal energy</p>	<p>Eligible</p>
	<p>Biogas</p>	<p>Eligible</p>
	<p>Hydro-power</p>	<p>Eligible</p>
	<p>Biomass</p>	<p>Eligible</p>
<p>Amount</p>	<p>The autoproducer 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</p>	



RES-LEGAL EUROPE – Regional Profile Wallonia



	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 autoproducer 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	



RES-LEGAL EUROPE – Regional Profile Wallonia





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)• 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 of the Walloon Government regarding the organization of the regional electricity market)



RES-LEGAL EUROPE – Regional Profile Wallonia



	April 2001 on the Organisation of the Regional Electricity Market)
--	--



RES-LEGAL EUROPE – Regional Profile Wallonia



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		27.10.2011	
Future amendments			
Purpose	This decree regulates the technical requirements of the grid	This decree implements the "European Directive on the	



RES-LEGAL EUROPE – Regional Profile Wallonia



	connection, grid access and grid expansion.	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	
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)			



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://energie.wallonie.be/fr/le-ministre-wallon.html?IDC=6268	Office of Minister Jean-Marc Nollet	+ 32 81 32 18 11	
Commission Wallonne pour l'Energie (CWaPE) - Walloon Energy Commission	http://www.cwape.be/		+ 32 81 33 08 10	



Connection to the grid

Grid issues

<p>Abbreviated form of legal sources</p>	<ul style="list-style-type: none"> • Arrêté du 3 mars 2011 • Décret du 12 avril 2001 	
<p>Contact Authority</p>	<p>Public Service of Wallonia - Department of Energy and Sustainable Building (DG04)</p>	
<p>Overview</p>	<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. 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>	
<p>Procedure</p>	<p>Process flow</p>	<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>
	<p>Deadlines</p>	<p>Installations to be connected to the low voltage distribution grid:</p>



- 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).

Installations to be connected to the middle voltage distribution grid:

- 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



RES-LEGAL EUROPE – Regional Profile Wallonia



		<p>financière de raccordement) (Art. 82, Arrêté du 3 mars 2011).</p> <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)	<input checked="" type="checkbox"/> Priority to renewable energy <input type="checkbox"/> 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		



RES-LEGAL EUROPE – Regional Profile Wallonia



	State	
	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	



RES-LEGAL EUROPE – Regional Profile Wallonia



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 (qualitative criteria)	<input checked="" type="checkbox"/> Priority to renewable energy <input type="checkbox"/> Non-discrimination	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).



RES-LEGAL EUROPE – Regional Profile Wallonia



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	
Distribution of costs	Consumers	
Distribution of costs	Grid operator	
Distribution of costs	Plant operator	<p>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).</p>
Distribution of costs	European Union	
Distribution of costs	Distribution mechanism	



RES-LEGAL EUROPE – Regional Profile Wallonia



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 expansion of the grid operator in case of insufficient grid connection or grid access capacities. In case a grid expansion 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		



RES-LEGAL EUROPE – Regional Profile Wallonia



	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 a period of 3 years 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-LEGAL EUROPE – Regional Profile Wallonia





RES-H&C support schemes

Summary of support schemes

<p>Overview</p>	<p>In the Walloon region, the generation of heat through renewable energy plants is promoted through a system of energy subsidies as well as through investment assistance for companies.</p>
<p>Summary of support schemes</p>	<ul style="list-style-type: none"> • Subsidy (Primes énergie 2012): Several energy subsidies are provided by the Walloon Region for the generation of heat from biomass, shallow geothermal energy and solar thermal energy plants as well as for CHP plants using biogas or biomass. • 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.
<p>Technologies</p>	<p>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.</p>
<p>Statutory provisions</p>	<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 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)



RES-LEGAL EUROPE – Regional Profile Wallonia



- 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 10 avril 2003 (Arrêté du 10 avril 2003 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 10 April 2003 of the Walloon Government regarding the allocation of subsidies for projects aiming at improving the energy performance of their buildings).

**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 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		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		Arrêté ministériel du 22 mars 2010
Entry into force	01.01.2011		30.04.2010
Last amended on	02.02.2012		08.08.2012



RES-LEGAL EUROPE – Regional Profile Wallonia



Future amendments			
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 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)	http://wallex.wallonie.be/index.php?doc=18579&rev=19556-14684		http://wallex.wallonie.be/index.php?doc=16958
Link to full text of legal source (English)			



RES-LEGAL EUROPE – Regional Profile Wallonia



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
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
Abbreviated form	Circulaire du 29 septembre 2006	Arrêté du 2 décembre 2004	Décret du 11 mars 2004
Entry into force	19.01.2007	01.10.2003	18.04.2004
Last amended on		20.10.2011	12.12.2008
Future amendments			



RES-LEGAL EUROPE – Regional Profile Wallonia



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	http://wallex.wallonie.be/index.php?doc=3770&rev=3099-13984	http://wallex.wallonie.be/index.php?doc=3774&rev=3103-3436
Link to full text of legal source (English)			



RES-LEGAL EUROPE – Regional Profile Wallonia



Name of legal source (original language)	Arrêté du 10 avril 2003 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 10 April 2003 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 10 avril 2003		
Entry into force	10.06.2003		



RES-LEGAL EUROPE – Regional Profile Wallonia



Last amended on	16.09.2010		
Future amendments			
Purpose			
Relevance for renewable energy	Projects using renewable energy sources can be subsidised.		
Link to full text of legal source (original language)	http://wallex.wallonie.be/index.php?doc=9101		
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	
Commission Wallonne pour l'Energie (CWAPE) – Walloon Energy Commission	http://www.cwape.be/		+ 32 81 33.08.10	



Support schemes

Subsidy (primes énergie 2012)

<p>Abbreviated form of legal source(s)</p>	<ul style="list-style-type: none"> • Arrêté du 21 octobre 2010 • Arrêté ministériel du 22 mars 2010 	
<p>Contact Authority</p>	<p>Public Service of Wallonia - Department of Energy and Sustainable Building (DG04).</p>	
<p>Summary</p>	<p>Several energy subsidies are provided by the Walloon Region for the generation of heat from renewable energy plants.</p>	
<p>Eligible technologies</p>	<p>General information</p>	<p>The installation of heating plants through biomass, shallow geothermal energy (heat pumps) and solar thermal energy (solar water heaters) is eligible for the energy subsidies 2012. Moreover, CHP plants using biogas or biomass are also eligible.</p>
	<p>Aerothermal</p>	
	<p>Hydrothermal</p>	
	<p>Biogas</p>	<p>The installation of biogas CHP plants is eligible under certain conditions, including:</p> <ul style="list-style-type: none"> • The biogas CHP plant shall be installed in a building • The notification of acceptance of the Walloon Energy Commission (CWAPE) regarding the green certificates and the guarantees of origin shall be dated between 1 January and 31 December 2012. • The CHP plant shall be installed by a registered installer



	<p>Biomass</p>	<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 between 1 January 2012 and 31 December 2012. • 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). <p>The installation of biomass CHP plants is eligible under certain conditions, including:</p> <ul style="list-style-type: none"> • The biomass CHP plant shall be installed in a building • The notification of acceptance of the Walloon Energy Commission (CWAPE) regarding the green certificates and the guarantees of origin shall be dated between 1 January and 31 December 2012. • The CHP plant shall be installed by a registered installer
	<p>Geothermal energy</p>	<p>The installation of heat pumps (shallow geothermal energy) can be supported under certain conditions regarding among others the deadline for the submission of the application, 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</p>



		<p>description of the conditions, please refer to the website of the Public Service of the Walloon region at http://tinyurl.com/primes-pompechaleur.</p> <p>Please note: The granting conditions for this subsidy are updated each year. The current conditions for the year 2012 only concern the installation of heat pumps which received a planning permission before 1May 2010. According to the Walloon energy department, the planning permission deadline for the subsidies of the year 2013 is not known yet.</p>
	<p style="text-align: center;">Solar Thermal</p>	<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. 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) <p>More specific technical requirements can be found on the Walloon energy portal under:</p>



<http://energie.wallonie.be/fr/index.html?IDC=6018>

Amount

Biogas and biomass CHP plant: The amount of the subsidy amounts to 20 % of the installation costs and cannot exceed € 15,000 (Art. 31 Arrêté ministériel du 22 mars 2010). In case the CHP installation is a central heating plant, the amount of the subsidy is increased by € 100 per meter of piping. This additional premium cannot exceed 50 % of the installation costs and is limited to € 100,000 per district heating.

Biomass: Depending on the capacity of the installation, the subsidy amount is between € 1,750 for installations under 50 kW and € 10,700 for installations above 500 kW. Moreover, above 50 kW the subsidy is increased by € 8 to 35 per kW depending on the capacity of the installation (Art. 21 §1 Arrêté ministériel du 22 mars 2010).

The amount of the subsidy for biomass heating plants cannot exceed 50 % of the total installation costs, with a maximum subsidy amount of € 15,000.

Geothermal energy (for installations which received a planning permission before 1 May 2010):

- € 1,500 for the installation of a heat pump for the heating of a home (Art. 10 §2 Arrêté ministériel du 22 mars 2010).
- Additional € 750 are allocated in case the heat pump also produces sanitary hot water according to the 2012 Requirements and Specifications (Art. 24. Arrêté ministériel du 22 mars 2010).

The amount of the subsidy cannot exceed the amount of the installation costs.

Solar Thermal (for installations with a planning permission having an acknowledgment later than 30 April 2010):

- For single-family residences: € 500 for installations with a 2-4 m² optical surface (a supplement of € 100 per additional m² is allocated). The total amount of the subsidy cannot exceed € 5,000 (Art. 4 § 2 Arrêté du 21 octobre 2010).
- For flats: € 500 per individual installation with at least 2m² optical surface (the number of individual installations corresponding to the number of flats) (Art. 4 § 3 Arrêté du 21 octobre 2010)

It is possible to cumulate the subsidy with other means of financial support, as far as the total of the support does not



RES-LEGAL EUROPE – Regional Profile Wallonia



	exceed 75 % of the investment cost (Art. 8 Arrêté du 21 octobre 2010)	
Addressees	All natural or legal persons (Art. 2 Arrêté du 21 octobre 2010; Art. 4 and 46 Arrêté ministériel du 22 mars 2010)	
Procedure	Process flow	<p>Biogas and biomass CHP plants: The applicant shall submit his application to the Walloon administration within 4 months following the notification of acceptance of the Walloon Energy Commission (CWAPE) regarding green certificates and guarantees of origin of the installation (Art. 33 Arrêté ministériel du 22 mars 2010).</p> <p>Biomass: 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.</p> <p>Geothermal energy: The procedure for the submission of the form to the Walloon administration differs whether the installation is carried out in a new single-family house or in other houses or flats.</p> <ul style="list-style-type: none"> • New single-family house: the application shall be sent within 4 months following the issue of the certificate “Construire avec l’énergie” or the certificate “Habitation passive”. The issue of the certificate “Construire avec l’énergie” shall be dated between 1 January 2012 and 31 December 2012. • Other houses or flats: The application for the subsidy shall be submitted within 4 months following the date of the final installation invoice. Moreover, the final installation invoice shall be dated between 1 January 2012 and 31 December 2012. <p>Solar Thermal (for installations with a planning permission having an</p>



RES-LEGAL EUROPE – Regional Profile Wallonia



		acknowledgment later than 30 April 2010): In order to apply for the subsidy, the applicant shall provide several documents to the wallon administration within 4 months following the the final notification of the Building Energy Performance (« déclaration PEB finale »)
	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	



RES-LEGAL EUROPE – Regional Profile Wallonia



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	
	Hydrothermal	
	Biogas	All devices needed for the production of heat and electricity through biogas CHP plants are eligible. 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).
	Biomass	All devices needed for heat production through biomass heating plants as well for heat and electricity production through biomass CHP plants are eligible. Some equipment is however subjected to



RES-LEGAL EUROPE – Regional Profile Wallonia



		<p>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>
	<p>Geothermal energy</p>	
	<p>Solar Thermal</p>	<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)
<p>Amount</p>	<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 the 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 	



RES-LEGAL EUROPE – Regional Profile Wallonia



	4 Arrêté du 2 décembre 2004).	
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	



RES-LEGAL EUROPE – Regional Profile Wallonia



	Distribution mechanism	
--	------------------------	--



Subsidy (Subventions UREBA)

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • Arrêté du 10 avril 2003 	
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 (Art. 3 §2, c) Arrêté du 10 avril 2003). The minimum investment costs shall amount to at least € 2,500 (Art. 4 §2 Arrêté du 10 avril 2003). 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 10 avril 2003).
	Aerothermal	Eligible under the condition that the heat pump does not produce cooling (Annex 5, Arrêté du 10 avril 2003).
	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 10 avril 2003. Percentage according to the Walloon Department of Energy and Sustainable Building).



RES-LEGAL EUROPE – Regional Profile Wallonia



	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 10 avril 2003. Percentage according to the Walloon Department of Energy and Sustainable Building).
	Geothermal energy	Eligible under the condition that the heat pump does not produce cooling (Annex 5, Arrêté du 10 avril 2003).
	Solar Thermal	Eligible under the condition that the performance of the installation is notified during at least two years.
Amount	The subsidy amounts to 30 % of the investment costs (inc. VAT). However, the subsidy amounts to only 15 % if it is combined with other support schemes supporting more than 20 % of the eligible costs (Art. 4 §1, b) Arrêté du 10 avril 2003).	
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 10 avril 2003)	
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 10 avril 2003). • The administration notifies the applicant of the acceptance of subsidy within 3 months after having acknowledged the application as complete (Art. 8 Arrêté du 10 avril 2003). • The installation has to be completed within 3 years after the notification of the acceptance of subsidy (Art. 10 Arrêté du 10 avril 2003). • In order to receive the amount of the subsidy, the applicant shall send his payment request within 1 year following the



RES-LEGAL EUROPE – Regional Profile Wallonia



		installation of the renewable energy plant (Art. 10 Arrêté du 10 avril 2003).
	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	
	Plant operator	
	Grid operator	
	European Union	
	Distribution mechanism	



RES-LEGAL EUROPE – Regional Profile Wallonia





Policies

Summary of policies

<p style="text-align: center;">Overview</p>	<p>The following policies aim at promoting the development, installation and usage of RES-installations: There are 2 training programmes for RES-installers, two different 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. However, there is no regional certification programme for RES installations provided in the Walloon region.</p>
<p style="text-align: center;">Summary of policies</p>	<ul style="list-style-type: none"> • In general there are two types of training programmes for installers of RES-installations: First of all, the Walloon region has developed an action programme called SOLTHERM which aims at providing installers of solar water heaters with an accreditation by the Walloon Ministry. Moreover, installers of photovoltaic installations can follow a training programme acknowledged, however not accredited by the Walloon region. • As far as the exemplary role of public authorities is concerned, the Walloon region signed in February 2012 together with 41 partners several agreements within the frame of the Employment Energy Alliance, aiming at supporting the development of the sustainable energy and construction sectors in the region. • 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



RES-LEGAL EUROPE – Regional Profile Wallonia



	<p>thermal solar collectors.</p> <ul style="list-style-type: none"> • Concerning the support of RES-H infrastructure, the Walloon region subsidises the connection to the heating network of a substation supplying residential buildings located in Wallonia (Installation et raccordement d'une sous-station à un réseau de chaleur).
<p>Technologies</p>	
<p>Statutory provisions</p>	<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) • 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)) • 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)

**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



RES-LEGAL EUROPE – Regional Profile Wallonia



Last amended on	02.02.2012	27.08.2009	10.05.2012
Future amendments			
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)	http://wallex.wallonie.be/index.php?doc=18579&rev=19556-14684	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)			



RES-LEGAL EUROPE – Regional Profile Wallonia



Name of legal source (original language)	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)	Ministerial decree of 22 March 2010 regarding the granting conditions of the subsidies promoting the rational use of energy		
Abbreviated form	Arrêté ministériel du 22 mars 2010		
Entry into force	30.04.2010		
Last amended on	08.08.2012		
Future amendments			
Purpose			
Relevance for renewable energy	This ministerial decree specifies the conditions for the allocation of		



RES-LEGAL EUROPE – Regional Profile Wallonia



	the subsidy for the installation of renewable energy plants.		
Link to full text of legal source (original language)	http://wallex.wallonie.be/index.php?doc=16958		
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 (Programme d'action SOLTHERM)

Abbreviated form of legal source(s)	<ul style="list-style-type: none">• Arrêté du 21 Octobre 2010
Sectors	Heating and Cooling
Contact authority	Public Service of the Walloon region – Directorate General for Energy (DG04)
Description	<p>In the Walloon region, installers of solar water heaters shall be accredited by the Walloon Ministry. To that end, the Walloon region has developed an action programme called SOLTHERM which aims at providing installers of solar water heaters with an accreditation by the Walloon Ministry. In order to receive an accreditation, the installer shall submit several documents as listed in the article 9 §1 of the Decree of 21 October 2010. Among others, he shall follow a training programme for solar water heaters meeting the requirements of Annex I of the Decree of 21 October 2010. The accreditation remains valid during 5 years and can be renewed under certain conditions (Art. 9 §3 Arrêté du 21 Octobre 2010). 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).</p> <p>Moreover, installers of photovoltaic installations can follow a training programme acknowledged, however not accredited by the Walloon region. According to the Walloon Region, two training centres are acknowledged by the Walloon Region: CEFORTEC and FOREM Mons.</p>
Addressees	Each natural or legal person can submit an application to the Walloon administration for the accreditation as installer of solar water heaters, provided he practices a profession as determined in article 9 §1 of the Decree of 21 October 2010.



RES-LEGAL EUROPE – Regional Profile Wallonia



Competent authority	The Department of Energy and Sustainable Building (DG04) of the Public Service of Wallonia is responsible for receiving and evaluating the applications. Following advice from the latter, the Minister of Energy decides of the allocation of accreditations (Art. 9 §2 Arrêté du 21 Octobre 2010).	
Further information	Training cheques: http://be.sodexo.com/befr/solutions-de-qualite-de-vie/solutions-de-motivation/aides-publiques/introduction-cheque-formation/qu-est-ce-que-le-cheque-formation.asp http://emploi.wallonie.be/Emploi_Formation/Se_Former/cheques_formation.html Acknowledged training centres: www.cefortec.be www.formation-environnement.be	
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	
	Others	



RES-LEGAL EUROPE – Regional Profile Wallonia



Certification Programmes for RES installations (name of means of promotion)

Abbreviated form of legal source(s)		
Sectors	Heating and Cooling	
Contact authority		
Description	There is no regional certification programme provided in the Walloon region. However, the region supports the organisation Quest for Quality, which delivers quality labels for heat pumps on a national level. Please refer to the national profile for more information.	
Addressees		
Competent authority		
Further information	http://www.questforquality.be	
Distribution of costs	State	
	Industry	
	System Producers	



RES-LEGAL EUROPE – Regional Profile Wallonia



	European Union	
	Others	



Exemplary role of public authorities in accordance with Art. 13 Abs, 5 RES Directive (Alliance Emploi Environnement)

Abbreviated form of legal source(s)	
Sectors	Electricity Heating and Cooling
Contact authority	Public Service of the Walloon region – Directorate General for Energy (DG04)
Description	<p>Within the frame of the Employment Energy Alliance, the Walloon region (represented by the ministers in charge of sustainable development, of employment and of training matters as well as the Minister-President) signed in February 2012 together with 41 partners several agreements aiming at supporting the development of the sustainable energy and construction sectors in the region. In this regard, the Walloon region intends to play an exemplary role in the field of sustainable building renovation by assuring that all public buildings meet the requirements of defined norms. According to the Walloon ministry, schools, public housing or local districts buildings will be able to benefit from these programmes.</p> <p>Moreover, the Walloon region provides financial support for public bodies willing to reduce the energy performance of their buildings among others through the installation renewable energy installations. Please refer to the support schemes profiles for more information.</p>
Addressees	
Competent authority	



RES-LEGAL EUROPE – Regional Profile Wallonia



Further information

<http://www.nollet.info/bienvenue>

<http://gouvernement.wallonie.be/la-premiere-alliance-emploi-environnement-est-scellee>





RES-LEGAL EUROPE – Regional Profile Wallonia



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

Abbreviated form of legal source(s)	
Sectors	Electricity Heating and Cooling Transport
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. 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. Moreover, every three years the CWAPE has to deliver a detailed analysis of the technical and economical aspects of the several electricity sectors.</p>
Addressees	Universities and research institutes are eligible for the calls for tenders, whereas companies can apply both to the calls for



RES-LEGAL EUROPE – Regional Profile Wallonia



	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/avance-recuperable-en-r-d.html?IDC=6376&IDD=12272 http://energie.wallonie.be/fr/aides-r-d-energie-en-wallonie.html?IDC=7409

**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), which entered in force on 1 May 2010, 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/appliquer-la-reglementation-wallonne-peb.html?IDC=7499
Obligation on regional level	



RES-LEGAL EUROPE – Regional Profile Wallonia



Support of RES-H infrastructure (Installation et raccordement d'une sous-station à un réseau de chaleur)

Abbreviated form of legal source(s)	<ul style="list-style-type: none">• Arrêté ministériel du 22 mars 2010
Sectors	Heating and cooling
Contact authority	Public Service of the Walloon region – Directorate General for Energy (DG04)
Description	<p>Within the bounds of its available budget, the Walloon region subsidises the connection to the heating network of a substation supplying residential buildings located in Wallonia. The applicant shall submit the form along with its annex within 4 months following the date of the final invoice for the connection to the heating network, provided the latter was carried out between 1 January 2012 and 31 December 2012.</p> <p>The subsidy amounts € 1,500 per connection of a substation to the heating network carried out by a contractor (Art. 29, Arrêté du 22 Mars 2010).</p>
Addressees	All natural or legal persons except public housing societies are eligible for this subsidy.
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/installation-et-raccordement-d-une-sous-station-a-un-reseau-de-chaleur-2012.html?IDC=6367&IDD=64336



RES-LEGAL EUROPE – Regional Profile Wallonia

