



# ENERGY CERTIFICATION IN POLAND

Practical application  
of support mechanisms  
for energy projects



WWF and IKEA co-operation began in 2002, aiming to promote responsible forestry.

The first years of this collaboration have shown that the co-operation for a single case allows for greater efficiency and effectiveness.

Currently, IKEA and WWF cooperate on projects that promote the prevention of climate change. Their goal is to reduce greenhouse gas emissions from the activities of IKEA and IKEA's suppliers to reduce the current impact on climate change.

### The projects cover two main areas:

- Increasing energy efficiency and renewable energy use by IKEA suppliers.
- Development of sustainable transport of customers.

Within the project „Climate and Energy“ WWF Poland developed a set of information for IKEA suppliers, addressed to managers dealing with energy issues in Polish factories. We would therefore encourage them to use instruments of support available in Poland, the so-called „colour certificates“.

Certificates financially support the various projects of energy efficiency and renewables. Such projects would not only bring companies involved the financial gains in the long run, but also reduce greenhouse gas emissions per product unit.



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| Certificate name | Type of project  | Size of project eligible   | Financial support available  | Application process   | More information   |
|------------------|--|--|--|---|--|
| <b>Green</b>     | Electricity produced from renewable energy sources (RES). All sources are eligible. There is one exemption for large biomass units, where there is an obligation to provide a specific share of agricultural biomass on total biomass provided for electricity generation. | No limitations as to size of project.  | The certificate confirms that the electricity was generated in RES. On the other hand – the property rights resulting from the certificates are marketable and are an exchangeable commodity after recording them on the evidence e.g. by the Polish Power Exchange. Thus additional income from selling the certificates is provided for RES producers. And the income is composed of electricity price which in 2011 (guaranteed) is ca. 195 PLN/MWh (sele) and green certificate price, which in 2011 is ca. 250 PLN/MWh (production).    | <p>The President of the Energy Regulatory Office (URE) issues certificates to the producer. Producer to receive them submits an application request to the grid operator he is connected to, stipulating the amount of electricity generated RES and/or CHP in a given period (e.g. a month). The time for submitting such an application cannot exceed 45 days since the end of the period in which, according to the document, electricity was generated.</p> <p>The grid operator passes this request, together with the confirmation of data contained therein, to the President of Energy Regulatory Office, within 14 days since the date of request submittal by the RES/CHP producer.</p> | <p>Polish Economic Chamber of Renewable Energy (PIGEO)<br/>pigeo@pigeo.pl<br/>www.pigeo.org.pl</p> <p>Energy Regulatory Office<br/>http://www.ure.gov.pl</p> |
| <b>Red</b>       | Electricity from cogeneration. Eligible CHP units filled with nongaseous sources.  | CHP units of installed capacity not lower than 1 MWeI. Only electricity from high efficiency cogeneration. | The certificate confirms that the electricity was generated in high efficiency cogeneration. On the other hand – the property rights resulting from the certificates are marketable and are an exchangeable commodity after recording them on the evidence e.g. by the Polish Power Exchange. Thus additional income from selling the certificates is provided for CHP producers. Now the producer of electricity from RES and in CHP can receive both green and red certificates. The price of red certificate in 2011 is ca. 20 PLN / MWh. | <p>The President of the Energy Regulatory Office issues the certificate of origin for the producer within 14 days from the date of receiving the request.</p> <p>If the request is not submitted by the RES/CHP producer within the stipulated time frame, the President of URE refuses to issue the certificate of origin.</p> <p>The property rights resulting from the certificates of origin are marketable and are an exchangeable commodity.</p> <p>These rights arise with the first recording of a certificate on the evidence accounts in the certificates of origin register managed by a proper institution.</p>   | <p>Polish Economic Chamber of Renewable Energy (PIGEO)<br/>pigeo@pigeo.pl<br/>www.pigeo.org.pl</p> <p>Energy Regulatory Office<br/>http://www.ure.gov.pl</p> |

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| <b>Yellow</b> | Electricity from cogeneration. Eligible CHP units filled with gaseous sources or dispersed cogeneration.   | No limitation for gaseous sources and all sources in CHP units of installed capacity up to 1 MWel. Only electricity from high efficiency cogeneration. | The certificate confirms that the electricity was generated in high efficiency cogeneration. On the other hand – the property rights resulting from the certificates are marketable and are an exchangeable commodity after recording them on the evidence e.g. by the Polish Power Exchange. Thus additional income from selling the certificates is provided for CHP producers. Now the producer of electricity from RES and in CHP can receive both green and yellow certificates (only one color from cogeneration). The price of yellow certificate in 2011 is ca. 120 PLN / MWh. | <p>The certificates of origin register is managed by the Polish Power Exchange or other entity that manages a regulated exchange in the Polish market pursuant to the Law on Trade of Financial Instruments of 29th July 2005 (based on information supplied by the President of Energy Regulatory Office).</p> <p>The selection of the entity registering certificates of origin lies in a responsibility of the RES/CHP producer, and it is done in his application for certificates of origin.</p> <p>The transfer of property rights resulting from a certificate of origin is realized by a relevant inscription in the register of certificates of origin.</p>   | <p>Polish Economic Chamber of Renewable Energy (PIGE0)<br/>pigeo@pigeo.pl<br/>www.pigeo.org.pl</p> <p>Energy Regulatory Office<br/>http://www.ure.gov.pl</p>  |
| <b>Violet</b> | Electricity from cogeneration. Eligible CHP units filled with all kind of gas derived from biomass or for methane released from coal mines.  | No limits.   | The certificate confirms that the electricity was generated in high efficiency cogeneration. On the other hand – the property rights resulting from the certificates are marketable and are an exchangeable commodity after recording them on the evidence e.g. by the Polish Power Exchange. Thus additional income from selling the certificates is provided for CHP producers. Now the producer of electricity from RES and in CHP can receive both green and violet certificates (only one color from cogeneration). The price of violet certificate in 2011 is ca. 50 PLN / MWh.  | <p>Pursuant to Energy Law, the energy companies that produce electricity or trade it, and which sell this energy to end users connected to national power grid, are obliged to the following:</p> <ul style="list-style-type: none"> <li>• acquisition and passing for remittance a relevant amount of certificates of origin (green certificates) to the President of the Energy Regulatory Office, or – alternatively</li> <li>• to submit a substitute fee of a value defined in a given year by the President of URE.</li> </ul> <p>The producer to apply for certificates should have generating unit connected to the grid and have concession or registration. Concession is provided by the Energy Regulatory Office for all RES excluding production of agricultural biogas and electricity production from agricultural biogas – for them registration in the Agricultural Market Agency should be issued. Time needed to get the license are ca:</p> <ul style="list-style-type: none"> <li>• 2 months (concession)</li> <li>• 2 weeks (registration).</li> </ul> | <p>Polish Economic Chamber of Renewable Energy (PIGE0)<br/>pigeo@pigeo.pl<br/>www.pigeo.org.pl</p> <p>Energy Regulatory Office<br/>http://www.ure.gov.pl</p>  |
| <b>Brown</b>  | Equivalent electricity from agricultural biogas pumped to the pipeline (distribution gas network).   | No limits.   | The same as with green certificates.   | <p>The producer to apply for certificates should have generating unit connected to the grid and have concession or registration. Concession is provided by the Energy Regulatory Office for all RES excluding production of agricultural biogas and electricity production from agricultural biogas – for them registration in the Agricultural Market Agency should be issued. Time needed to get the license are ca:</p> <ul style="list-style-type: none"> <li>• 2 months (concession)</li> <li>• 2 weeks (registration).</li> </ul>  | <p>Polish Economic Chamber of Renewable Energy (PIGE0)<br/>pigeo@pigeo.pl<br/>www.pigeo.org.pl</p> <p>Agricultural Market Agency<br/>http://www.arr.gov.pl</p> <p>Ministry of Agriculture<br/>www.minrol.gov.pl</p> |
| <b>White</b>  | Energy efficiency – the following projects may be submitted: industrial insulation, reconstruction or renovation of buildings, modernization of equipment, lighting, heating networks and local sources of heat energy recovery in industrial processes, reducing the reactive power flow, network losses; heating or cooling energy use from renewable sources. | Minimum of 10 toe of energy saved on average per annum.  | Supports the cash flow on saved energy by using detailed measures indicated in the Act on EE.  | Still awaiting regulations from Economy Ministry.  | http://orka.sejm.gov.pl/proc6.nsf/opisy/3514.htm  |

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## ABOUT WWF

For 50 years WWF has become one of the largest environmental organizations in the World. We operate independently of political parties. The mission of our foundation is to halt the environmental degradation of our Planet and shape the future in which people would live in harmony with nature.



Learn more:

**WWF.PL**

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