



## NEWSFLASH

# Waste management Polen

Edition 6

October 2012

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## Energy three-pack in preparation- new regulations in Renewable Energy Sources

The Ministry of Economy has prepared a law introducing so-called energy three-pack. The energy three-pack includes: proposal for a new Energy Law, gas bill and the renewable energy sources (RES) bill. The Ministry assumed that the new law will come into force in July 2012. The new drafts aroused many doubts and controversies among enterprises that is why the energy three-pack is still not in force. The most controversial is draft of RES law.

The energy bill assumes that every customer will be charged for the electricity actually consumed. That would be possible after 2020, after the installation of so-called smart meters in each household. One of the objectives of the bill is charging customers only on the basis of actual consumption. The provisions of the draft provide solution, that the customers will sign the so-called comprehensive agreement, and pay only one bill - for the sale of energy and its distribution, regardless of who is the seller. Today, customers who switched supplier of energy, pay two separate bills - the seller and the distributor.

The most controversial is the draft of RES law

According to the gas bill, not less than 70 percent of gas fed to the grid would be sold on the commodity exchanges. During the first six months that the Act is in force 30 percent of total amount of gas would be sold on commodity exchanges, for the next six months this number would rise to 50 percent and after a year would reach the target level of about 70 percent. The project aims to implement the provisions of the EU's third energy package into the Polish law.

The renewable energy sources bill regulates supporting activities for energy produced from renewable energy sources. The level of financial support for renewables will vary depending on the type of energy source. This will be determined by so-called correction factors. For example, in the years 2013-2014 this factor will amount to:

- 0,9 for the energy from land windmills with a capacity over 500 kW;
- 1,15 for biomass CHP plant with a capacity above 10 MW;
- 2,3 for water power plants with a capacity higher than 20 MW;
- 1,8 for windmills built on the sea;
- the highest support would receive photovoltaic installations with a capacity above 100 kW - this factor would be at the level of 2,85.

In subsequent years, most of the factors for certain renewable energy sources will gradually decrease.

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In addition to that, the bill includes the obligation of energy purchasing for 15 years, but no longer than till 2027 in case of energy produced from installation for which the support system is based on the so-called feed-in tariff, and 2035, from the other installations. The company obliged to purchase energy from RES would be an entity appointed by the President of the Energy Regulatory Office (<http://www.ure.gov.pl>). The obliged seller would be a company that supply with energy the highest number of end users connected to the specific grid.

One of the most controversial provision of the bill on renewable energy sources is article 41 which deprived producers of renewable energy to green certificates' rights when they sell the energy at a price higher than the specified purchase price, which is about 48 EUR (198,90 PLN) per 1 MWh. Revision from 4th October brought a modification of this provision saying that the producer is deprived of green energy certificates, if he sells electricity at a price higher than 105 percent of energy purchase price that is about 48 EUR (198,90 PLN) per 1 MWh.

This means that the manufacturer is able to sell renewable energy at a price of about 5 percent higher than the maximum price, without getting deprived of the rights to the green certificates.

Bill on renewable energy sources aims to implement provisions providing support for the renewable energy sector. Poland is obliged by the EU Directive 2009/28/EC to introduce such support on the market.

Deadline for implementation expired on 5th December 2010. The first draft of the act prepared by the Ministry of Economy was introduced in December 2011. The public consultation was attended by approximately 300 entities, which raised about 2,5 thousand comments on the draft. According to the Ministry of Economy there is still a chance that the law on renewable energy sources will be discussed by the Parliament later this year. However experts from the market are not as optimistic as the government and estimate that the energy three-pack will be discussed by the Parliament on the second half of 2013 earliest.

Sources:

<http://www.reo.pl/ustawa-o-oze-ogranicz-y-przychody-wytworcow-zielonej-energii>

<http://www.mg.gov.pl/node/16965>

[http://energetyka.wnp.pl/ustawa-o-oze-moze-wejsc-w-zycie-w-polowie-2013-r,180931\\_1\\_0\\_0.html](http://energetyka.wnp.pl/ustawa-o-oze-moze-wejsc-w-zycie-w-polowie-2013-r,180931_1_0_0.html)

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## Growing problem of illegal dumps

Polish entrepreneurs and citizens do not follow the rules from the new waste legislation (new act on waste management is in force since 1.01.2012). Furthermore mayors are not able to execute correct actions - alerts Supreme Chamber of Control (SCoC).

SCoC draws attention to the growing problem of illegal waste dumps, which are a big threat to the environment. In the majority of audited municipalities the auditors came across an illegal landfill.

The number of them is alarming – in Gdynia and Kielce controllers discovered hundreds of such illegal sites, in Poznan even few thousands. The municipalities paid in total 1,23 million EUR (5,1 million PLN) for utilization of those illegal dumps and collected from them 5,3 thousand tons of waste.

The Supreme Chamber of Control reported that in 15 municipalities they discovered that illegal dumps emerged again in the same localizations. Waste collected at that site is classified in many cases as hazardous waste. Additionally, all examined municipalities stated that they have no financial sources to solve the issue (for example Koniecpol, Lazy, Myszkow, Szczyrk, Wegorzewo).

Most of the mayors lack knowledge about the agreements between land owners and the companies involved in the waste collection. According to the new legislation officials should maintain accurate records of such agreements, while in 12 municipalities no register was done (or was done too late), and in 16 municipalities many information was lacking or register had many mistakes. This negligence made impossible to check whether the owner has a valid contract or not.

Mayors having inaccurate information did not intervene when property owners had no contracts with waste collector. Only three cities (Zywiec, Olecko, Poznan) organized in such situations a replacement for waste collection, although SCoC control showed that many households had no contracts in almost all municipalities.

*Source: [www.nowiny.pl/ekonowiny/86423-nik-problem-dzikich-wysypisk-narasta.html](http://www.nowiny.pl/ekonowiny/86423-nik-problem-dzikich-wysypisk-narasta.html)*

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## **More than 5 billion for environmental investments in 2013**

In the draft budget for 2013 the government allocated 1 billion 324,5 million EUR (5 billion 480 million PLN) for environmental policy. The money will be used, among others for nature protection, water management, waste management and ecological resources management.

Most of them, about 386,72 million EUR (1,6 billion PLN) will be spent on integrated measures to protect the environment. Government will spend about 6,04 million EUR (25 million PLN), and European funds will provide more than 362,55 million EUR (1,5 billion PLN).

The integrated activities aim to limit the discharge of untreated sewage and increase the number of dwellings served by a sanitary sewage system.

In 2013 it is planned to build 15 new wastewater treatment plants, and 69 to be expanded and completely modernized. The plan for the coming years: in 2014 9 new plants will be developed, 37 - modernized, and in 2015 - 100 new and 382 upgraded. In the next year-2013, 150 thousand people will get access to the sewerage system. In the next two years, this percentage is expected to increase to 280 thousand people each year.

As part of environmental protection activities, the government has also secured funds for the state environmental policy. The money will be used, among others to promote environmentally friendly behavior and help entrepreneurs adapt to environmental requirements.

For implementation of tasks for ensuring rational waste management, the government wants to spend about 195,78 million EUR (810 million PLN). Almost all of the funds will come from European funds (over 194,81 million EUR (806 million PLN)). Funds will be allocated among others to support projects related to development of municipal waste management systems, and projects that will enable reduction of negative impact of waste on the environment. For example, in 2013 13 percent of generated waste has to be directed to landfills. They may also be used for recovery.

More than 149,85 million EUR (620 million PLN) is expected to be allocated for flood safety assurance. The government dedicated for this purpose about 82,9 million EUR (343 million PLN) and the EU – 66,95 million EUR (277 million PLN). The money will be used primarily for the construction and modernization of flood and drought prevention systems.

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The law draft says that by the end of the next year a map of flood risk in Poland will be prepared. In the next three years almost 200 thousand people will be covered with a flood protection system. The draft budget does not have information about the investment outlook in the management of water resources.

Approximately 58,73 million EUR (243 million PLN) is planned for the protection and development of natural and landscape values (biodiversity). Funds will be used to develop conservation plans for nature reserves, perform corrective actions in the field of forestry and hunting or conducting protective measures in Nature 2000. Nearly 3 million 992 thousand hectares will be covered by the active nature conservation or protection plans. That's almost 2 million hectares more than in 2012.

Nearly 53,17 million EUR (220 million PLN) will be used for control activities, monitoring and environmental risks prevention, which are implemented by national programs such as the National Environmental Monitoring (NEM).

Small amount in the draft of budget is allocated for air quality improvements and climate change (about 1,81 million EUR (7,5 million PLN)), resource and geological structures management (over 1,45 million EUR (6 million PLN)).

The draft of budget for 2013 assumes that the total expenditure will amount to 80,92 billion EUR (334,78 billion PLN), and revenues 72,31 billion EUR (299,18 billion PLN). The deficit therefore amounts to not more than 8,60 billion EUR (35,6 billion PLN).

Source: <http://www.pap.pl>, <http://www.portalsamorzadowy.pl>

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## Investments in waste management in Zachodniopomorskie

On 20 September 2012 Marshal of Zachodniopomorskie voivodeship signed agreements for financial support in three municipalities. The subsidy will come from the Regional Operational Program (ROP) in the years 2007-2013.

The first is the "Landfill remediation in Kunow city and purchasing of containers for selective waste collection and bio waste in the Banie Municipality". The beneficiary is the community Banie. The value of the project is 79,8 thousand EUR (330 211,04 PLN) out of which 59,9 thousand EUR (247 658,28 PLN) is funded from the ROP.

Another agreement is the "Purchasing of dust car and garbage containers for selective collection of waste including monitoring for Chojna municipality - a pilot project." The beneficiary is Municipal Services in Chojna. The value of the project is 191,9 thousand EUR (793 800 PLN). Fund amounts to 116,9 thousand EUR ( 483 750 PLN).

The third agreement „Organization and implementation of selective waste collection in the Municipality Barlinek through the purchase of dust car and containers for municipal waste and biodegradable waste." The beneficiary is the Public Utilities Company. The value of the project amounts to 245,6 thousand EUR (1 016 035 PLN), and grant funds from ROP 149,7 thousand EUR (619 533,54 PLN).

All of the above investments are realized under the Measure 4.2 Waste Management in the Regional Operational Program for Zachodniopomorskie voivodeship in the years 2007-2013.

Source: <http://www.portalsamorzadowy.pl/fundusze-europejskie/kasa-na-inwestycje-dot-gospodarki-odpadami-w-zachodniopomorskim,38406.html>

## Localization of landfill for radioactive waste

By the end of 2012 a tender for research of a new location for radioactive waste dump will be announced. The localization should be known in 2015 - said the director of the Department of Nuclear Energy of the Ministry of Economy Zbigniew Kubacki.

The tender, which will choose the company appointed to carry out the study is almost ready, and after the announcement should be settled within three months - said Kubacki. He added that the value of the contract is approximately 1,93 million EUR (8 million PLN).

The new landfill will be needed in Poland around the year 2022, when the current operating landfill in Rozan in northern Mazovia will be completely filled. In the landfill in Rozan are dumped low and medium active waste such as industry and medicine.

"It will be definitely a lot bigger than the site in Rozan, because it will have to be ready to accept low and medium active waste from a nuclear power plant" - said Kubacki. He stressed that it is not a landfill for highly nuclear fuel. He said that so far the cost of building the site is difficult to estimate.

Kubacki recalled that the initial search of the landfill once prepared the National Atomic Energy Agency, and even pointed out some possible locations. The winner of a tender will have to verify those results as well as do other tests, including geology tests. The Director added that the whole process should take about two and a half year.

*Source: <http://finanse.wp.pl/kat,9231,title,MG-lokalizacja-nowego-skladowiska-odpadow-radioaktywnych-w-2015-r,wid,14964663,wiadomosc.html?ticaid=1f670>*

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## Almost 20 millions for waste landfill development in Opole

The Voivodeship Fund for Environmental Protection and Water Management will support the development of a Municipal Waste Landfill in Opole. The landfill will get almost 4,83 million EUR (20 million PLN) from the fund. The money comes from the Operational Program Infrastructure and Environment.

The total cost of investment is over 8,75 million EUR (36,2 mln PLN). As a part of this project the second quarter of the landfill and the installation of large-scale waste treatment will be developed.

"The project has already begun, with completion expected by the end of 2014" - said president of the Municipal Waste Plant in Opole Andrzej Czajkowski.

The remaining 3,87 million EUR (16 million PLN) missing to complete the development of Opole Municipal Waste Plant will be covered by own sources - approximately 725 thousand EUR (3 million PLN) - as well as from the loan granted by the Regional Fund for Environmental Protection- approximately 3,14 million EUR (13 mln PLN). Municipal Waste Landfill in Opole is part of the Regional Waste Management Plant. The project will cover 15 municipalities in the Opole province: the city of Opole and municipalities Chrzastowice, Komprachcice, Popiel, Tarnow Opole, Proszkow, Turawa, Ozimek, Dabrowa, Gogolin, Dobrzen Great, Lewin Brzeski, Lubniany, Murow and Olszanka.

Development of the site will allow to increase the number of people covered by the municipal waste management from over 181,5 thousand to 272 thousand people in 15 municipalities.

*Source: Ministry of Environment: [www.mos.gov.pl](http://www.mos.gov.pl)*

## Projects & tenders

Association of Municipalities 'MG-6' in Lubuskie will announce a tender for waste collection at the end of 2012. MG-6 associates six municipalities: Gorzow Wielkopolski, Santok, Klodawa, Deszczno, Bogdaniec and Lubiszyn. More information: phone +48 95 7330494, e-mail: zcg-img6@o2.pl, <http://www.biuletyn.net>

Tender for remediation of landfill in Zebrzydowice-Bienkowice in Kalwaria Zebrzydowska municipality. More information: phone: +48 33 8766218, [www.kalwaria-zebrzydowska.pl](http://www.kalwaria-zebrzydowska.pl)

ZUO International Sp. z o.o. based in Slubice started recultivation of 32 hectares of landfill, this will cost approximately 1,45 million EUR (6 million PLN). There will be a new landfill in Kunowice where at the moment a new sorting line is built. ZUO also participates in the tender for the collection of waste from residents in Slubice so this may create new business needs.

More information: phone +48 61 848 41 56

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## Agenda

### **Seminar, The development of agricultural biogas plants in Poland**

Warsaw, 14 November 2012

Scope: plan for development of agricultural biogas plants presented by the Ministry of Agriculture, financing of biogas plants in Poland, sale of energy, guaranteed prices, support system

More information: <http://biogazownierolnicze.pl/aktualnosci/1435/co-nowego-na-rynku-biogazowni>

### **Conference, How to develop successful investments in Renewable Energy Sources**

Wrocław, 07 November 2012

Scope: How to enter the local community with new investment, communication with the local community, how to deal with media, RES development in the local community, local government as a partner in investments,

More information: <http://biogazownierolnicze.pl/konferencje-i-targi/konferencja/1437/jak-z-sukcesem-prowadzic-projekty-inwestycyjne-w-energetyce-konwencjonalnej-i-oze>

### **Poleko- International Fair of Environmental Protection and International Congress of Environmental Protection ENVICON (19-20 November)**

Poznan, 20-23 November 2012

Scope: During the fair participants will be able to meet the latest international offer in the field of waste recycling, renewable energy, and water and wastewater management, take part in discussions in the Workshop Ecology and preview examples of the latest solutions in the special exhibition space. Many Polish companies from waste sector will be present at the fair. Envicon- waste management, waste sewage management

More information: <http://poleko.mtp.pl/en>

### **Fair trade Scrap EXPO- Metal Recycling Salon**

Sosnowiec, 06-07 November 2012

Scope: Scrap Metal Recycling Expo is an initiative designed to bring together companies and organizations from a broader metals recycling industry. Scrap Expo is a platform for meetings of companies involved in the processing and trading of steel scrap and non-ferrous metals, with companies offering machinery, equipment and technologies for the sector.

More information: <http://www.exposilesia.pl/scrapexpo/0/0/pl/>

## Colophon

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### Realization

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NL Agency is dealing with implementing government policy on the themes of Sustainability, Innovation and International.

EUNITE advises and supports companies doing business in Central Eastern Europe.



### **Conference IdentiPlast2012, Topic: Zero plastics to landfill - how to reach the goal**

Warsaw 06-07 November 2012

Scope: relevant new technologies for plastics waste collection, sorting & identification, recycling and recovery, market trends and EU legislative aspects specifically related to waste policy hierarchy and its implementation in the member states. Attention will be given to plastics waste management systems in different European countries in line with the updated Waste Management Strategy with a special coverage of Central Europe.

More information: <http://www.plasticseurope.org/identiplast-2012.aspx>

### **EuroPower, XVI International Energy Conference**

Warsaw, 07-08 November 2012

Scope: Power and heat engineering. It is the traditional place for the exchange of knowledge and experience of experts of Polish and European energy sector, representatives of government, the regulator and the most important organizations in the sector. Participation in the event will bring together representatives of the energy market, presenting the latest developments and trends in Poland and Europe.

More information:

[http://www.mmcpolska.pl/index.php/kongresy-konferencje/details/276-europower\\_jesien2012](http://www.mmcpolska.pl/index.php/kongresy-konferencje/details/276-europower_jesien2012) (only in Polish).

### **VIII International Conference "Fuels from Waste"**

Szklarska Poręba, 14-16 November 2012

Scope: The conference will be attended by experts in the field of environmental protection and waste management representing both domestic and foreign entities, public administration and local government and those from leading research centres. The conference will give participants an overview of the waste management process with particular emphasis on thermal processes. The conference covers both theoretical aspects as well as the analysis of specific technological solutions.

More information: [http://waste.polsl.pl/new\\_www/pl,4,14,Konferencja\\_Paliwa\\_z\\_odpadow\\_12.html](http://waste.polsl.pl/new_www/pl,4,14,Konferencja_Paliwa_z_odpadow_12.html)

### **VIII Forum on Renewable Energy Source**

Przysiek n.Torun, 12 November 2012

Scope: small biogas plants, photovoltaic, small wind turbines, a new law draft on Renewable Energy More information:

<http://www.kpodr.pl/index.php/component/content/article/75-aktualnoci/1335-viii-forum-energetyki-odnawialnej>

### **XV Wind Energy Forum "The chance for a good law on renewable energy"**

Warsaw, 20 November 2012

Scope: During the forum new law draft on Renewable Energy Source will be discussed.

More information: [http://www.15few2012.psew.pl/index.php?option=com\\_content&view=article&id=4&Itemid=2&lang=pl](http://www.15few2012.psew.pl/index.php?option=com_content&view=article&id=4&Itemid=2&lang=pl)