

# The discussion about renewable and friendly sources of energy is graduating

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## The state finally acceded to support

Mário Lelovský from the Media Control Company criticized at the latest [Real Estate Market > Slovakia 2009 - Investment Opportunities Fair](#) conference the low interest on construction projects operating on the principle of renewable energy sources (RES), not only from the state subsidy policy side (at that time still rightly!) but also from ordinary people side. Although recent abysmal difference between promoting OZE in Slovakia and in the Czech Republic, says for example, is now apparently narrowed, it is still here. Statistics for 2006 is clear: while in our country was sold only 60 heating pumps, in the Czech Republic it was one hundred times more!

March 2009, however, meant a certain step forward. The Government of SR finally approved the draft law on the promotion of OZE and highly efficient combined production, which will benefit the producers of electricity on the domestic market producing from biomass, water, wind, sun or underground springs. By the law to provide them long-term guarantee for the prices - up to 15 years after putting the equipment into service, claim for preferential connection, transfer and supply of electricity in the regional distribution system. It also allows manufacturers of biomethan - a specific type of OZE (treated biogas similar to natural gas) - preferential distribution to the gas distribution network.

However April 20, 2009 brought the real breakthrough in many times discussed question, when the Ministry of Economy (probably also under increasing pressure from the financial crisis, experts and media) approved the program of state subsidies for the purchase and installation of solar collectors and biomass boilers, which includes financial support to owners of family houses or residential communities in the total amount 8 million Euro. Although this step pre-stimulated increased demand for heating and water heating from such sources, which return in the form of reduced costs in the long-time view, is beyond doubt, talking about the radical change is early.

It appears that the ice moved as well on the municipal level. With regard to alternative sources of heat and power, all the aspirations for the „Slovak first-climber“ have the town of Nitra. The sun, biogas, thermal water - are the most likely of them is case of the town under Zobor. Slovakia undertook to reduce CO2 emissions by at least 20 percentages till year 2020 by signing the Agreement of Mayors in Brussels. And so searching to find a geothermal spring and obtain the quarter-million subsidy of the European Commission is ongoing intensively...

The global action the Earth Hour 2009 of March 28, 2009 should noted that not only industrial but also administrative buildings contribute in the CO2 in the atmosphere. In the background of this cool - rather media than mass - response in our country must be seen the fact that the permanent environmental attitudes in terms of energy pragmatism in the awareness and in the mentality of this nation are still deeply embedded more than ignorance or weak promotion.

**\*\* Why Slovakia did not find out OZE? \*\***

This is the main issue, which is worthy to think about it a bit. One of the correct answers suggested Václav Matoušek from the Skanska Property Company CZ at the above-mentioned conference, saying that the task to change habits of tenants is mainly developers matter. As an example he recalled the project of

energy-efficient building Nordica Ostrava, the first certified Green Building in the Czech Republic. In light of the Skanska group philosophy the standard type of building is concerned, which under the names Hagaporten and Citykajen carried out also at home in Sweden.

Inspiring is also the project of solar school in Kargyak - a passive and a solar radiation completely heated ecology structure, which built-up Jan Tilinger from the civic associations Surya in the middle of Himalayan alpine desert at the altitude of 4 200 meters previous year without the use of heavy techniques from traditional natural materials (stone, sand, clay, straw, river clay, bush yakzee, wood and glass).

The low energy intelligent house iDOM of Media Control Company in Bratislava shows that using the integrated management of modern elements (large windows with blinds, touch monitors designed to change the temperature in different parts of the house, the audiovisual control system, heating saunas, measure the outside temperature and wind power) can be achieved top quality accommodation at a minimum cost for the operation and the load of nature. Perhaps from all Slovakia point of view is more than 40 family, residential and commercial buildings, which have realized it yet, is regretfully low. Anyway it shows, however, the direction in which the development of housing should go on in the 21st century and confirms that environmental projects can be one of the ways to revive the real estate market.

The Internet magazine Stavebné fórum.sk does not want to remain in the corner during the discussions on the possibilities for the use of OZE, the legislative conditions for the so-called green projects and instructions on how to become successful applicants for grants, so it organized two events for the month of May. The first will be the discussion meeting [Friendly energy sources and saving opportunities](#) (main partners: ASP, a.s. bnt - Sovova Chudáčková & Partner, s.r.o.), within the frame of which Karol Galek (GENEREM, Ltd.), Zuzana Chudáčková (BNT - Sovova Chudáčková & Partner, s.r.o.), Luboš Kulíšek (Grundfos, s.r.o.), Jan Rousek (the Slovak Innovation and Energy Agency) and Pavel Starinský (the Slovak Innovation and Energy Agency) will have presentations on May 14, 2009 in Bratislava Art Hotel William.

The scene of the second similar discussion called [New ecological trends in the construction industry - biomass, hydro, wind and solar power](#) will become the Doubletree by Hilton hotel at Košice on May 19, 2009 (the general partner for regions: INVA GROUP a.s.), where following attendees will come to share with participants their knowledge and experiences from the concerned sphere: Dušan Čellár (GEOTERM Košice, a.s.), Peter Horbaj (the Faculty of Mechanical Engineering of Technical University at Košice), Milan Husár (the Košice self-administrative Region), Peter Chomjak (the Slovak Environmental Agency), Karol Keher (the Slovak Innovation and Energy Agency), Peter Tauš (Faculty BERG TU Košice) and František Vranay (the Centre for renewable energy sources).

Of course, the welcome is anyone who is addressed by the problems with renewable and friendly energy sources, whether from a professional or purely utilitarian motives. Talk about them is graduating.

Illustration photo - Media Control

1 - iDOM: project

2 - iDOM: reality

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