



# ENERGY AND BIOMASS

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## SUN DA-I Fest, third edition, brought together thousands of renewable energy promoters

Thousands of Moldovans discovered eco technologies at SUN DA-I Fest – Live Music Festival, powered by solar energy. The event culminates the European Union Sustainable Energy Week and is organised by the EU-funded Energy and Biomass Project, together with the Energy Efficiency Agency and POT Music.

"It is a great pleasure to be here for this 3rd Edition of the Sun Da-I Fest organized with the support of the EU funded Moldova Energy and Biomass Project. This last event of the EU Sustainable Energy Week 2015 shows not only that sustainable energy is important for us and the planet we live in but also that sustainable energy is fun and that we can all easily take part in this process of changing the way we consume energy", Pirkka Tapiola, EU Ambassador to the Republic Moldova, stated.

SUN DA-I Fest turned the Chisinau Public Garden "Stefan cel Mare si Sfânt" into an open-air Exhibition Centre. The visitors familiarised with modern technologies that generate solar, wind, biomass, and geothermal energy. Children and young people impressed with their innovations, aimed to reduce energy consumption.

"Republic of Moldova has a significant potential of using renewables that can enhance the citizens and country's

energy self-sufficiency, will develop the country's economy creating new businesses, new jobs, and, not less important, will keep healthy environment for future generations", Victor Osipov, Deputy Prime Minister, said.

The Festival also hosted a craft fair of decorative items, handmade, jewellery. Another attraction for guests were notebooks, pens from recycled cardboard, table clocks powered by hydro or solar energy, solar chargers for mobile phones. Visitors participated in master classes in waste recycling, sewed bags out of advertising banners, reproductions out of cardboard. Ride-lovers made the tour of the public garden using tricycles powered by solar energy instead of traditional fuel.

"I am deeply impressed by all green technologies presented, which already made their way on local markets and are contributing to the advancement of Moldova's eco-industry. This branch generates not only clean, affordable and reliable energy for everybody but also jobs, competitiveness, and perspectives for a better life", Dafina Gercheva, UNDP Moldova Resident Representative, mentioned.

SUN Dă-I Fest culminated with a Live Concert – powered by solar energy – performed by Heymonnshaker (Great Britain), and local bands Alex



Calancea & Rupt, AmberTraps, FlashBlood, Miriam, among others.

The event was supported by the British and Czech Republic Embassies to Moldova, Energy Efficiency Fund, Ministry of Environment, Global Environmental Facility, Chisinau City Hall, Swiss Agency for Development and Cooperation, EFES Moldova, SolarTech, YardSale.

The Energy and Biomass will last for three-years (2015–2017). The project received a funding of EUR 9.41 million from the European Union and is implemented by the United Nations Development Programme (UNDP).

More about the Energy and Biomass Project on [www.biomasa.md](http://www.biomasa.md).





## EU funded Energy and Biomass Project takes part in the European Union Sustainable Energy Week, Second Edition

The EU funded Energy and Biomass Project participates in the European Union Sustainable Energy Week (EUSEW), Second Edition, held in Chisinau during 15-21 of June, upon the initiative of the EU Delegation to the Republic of Moldova.

On 15 June, 11:00 – 21:00, on the EUSEW Inauguration Day, the Energy and Biomass Project Expert Group shall present its ongoing programmes to the public gathered in the fountain perimeter of the Public Garden "Stephen the Great". People will learn, from the first source, about the bioenergy technologies variety, about the programmes targeting public institutions, households and the business sector launched by the Project.

On the same day, the EU-UNDP Energy and Biomass Project, in partnership with the GEF-UNDP Environmental Fiscal Reform Project, shall inaugurate a photo exhibition titled "Moldova: Eco-Energy Stories" in the Square around the Monument of Stephen the Great. The exhibition shall display in images stories of the people who use renewable energy (wind, geothermal, solar, bioenergy) in their own house or business and who managed to cut energy bills thanks to the implementation of energy efficient technologies.

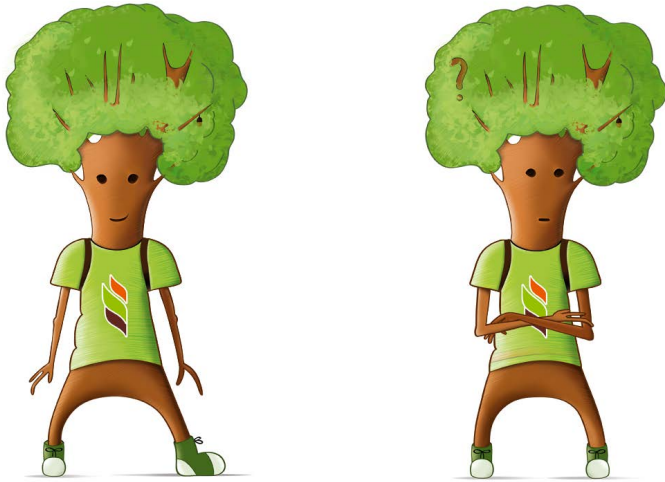
## Eco Flash-Mob in the center of Chisinau



On June 16, around the central fountain, the 50 children participants at the Summer Camp held an ECO ENERGEL Flash-Mob in promoting the use of clean energy in the country. On the last day of the camp, children preferred to promote each country's capital union to keep the country clean.

Most children attending camp were selected following a public competition and they represent the first beneficiary

communities of the Energy and Biomass Project. In the ten days spent in the camp, children learned how to produce energy from natural sources and how to consume it efficiently, they built models of photovoltaic panels, wind turbines, have collected garbage from neighboring communities and attended master classes on recycling etc.



## 50 children discover the secret of renewable energy at the ENERCEL Summer Camp, 4th edition

Irina Constantinova, 12, is studying at a school in Comrat. Together with a group of local enthusiasts, she invented a motorcycle powered from solar energy. It earned her ticket to the ENERCEL Summer Camp. „For three years I have come daily to the Comrat Association for Wind Energy Promotion, and together with the team we learnt to make the best of solar energy. We have already built four motorcycles using clean solar energy, which does not pollute the atmosphere”, says Irina, and tells about her next dream project: a solar car.

From 6 to 17 of June, the fourth edition of the ENERCEL Summer Camp is taking place in the village of Raculesti, Criuleni district. The first edition was in 2012.

„Energy security and a sustainable energy future are among the key priorities on the agenda of the European Union, with a secure and safe environment being crucial for the well-being of the population and for the future of our children. I would like to congratulate the children who were selected for this year's edition of Enercel Camp and to wish them an interesting learning process”, Pirkka Tapiola, the Ambassador of the European Union in the Republic of Moldova declared during today's visit to the Summer Camp.

The Camp is part of an educational initiative for the promotion of renewable energy and energy efficiency, which was initiated by the EU-UNDP „Moldova Energy and Biomass” Project in the same communities where it also installed a number of biomass boilers. „The Ministry of Economy supports the initiative successfully launched by the Energy and Biomass Project for studying the renewable energy and energy efficiency in schools. Its results are striking and demonstrate that young people are those who bring change in their communities and

their families by example and thanks to their own belief”, Valeriu Triboi, Deputy Minister of Economy, says.

In 2011 the Energy and Biomass Project launched its first renewable energy and energy efficiency competition. The competition engaged schools from the communities whose public institutions had benefitted from biomass heating systems thanks to the project's European funds. In 2013 the Ministry of Education supported the initiative and introduced teaching about „Renewable Energy Sources” as an optional course in all schools in Moldova. From 2011 to 2014 over 350 schools in the country joined this initiative, with 19,000 students learning about renewable energy and energy efficiency. The best student, selected with a public competition, received an invitation to the ENERCEL Summer Camp.

“Children can play an instrumental role in the quest for sustainability”, said Dafina Gercheva, UNDP Moldova Resident Representative. “Together with the EU and the Government of Moldova, we are working to raise awareness about the benefits of renewable energy sources. This is critical if we want to change consumption and production patterns. Our generation should not deprive our children from living in a green and pollution-free world, so we need to find innovative solutions to the complex development challenges we see in front of us”.

The present educational initiative on renewable energy and energy efficiency is carried out in partnership with the Continuing Education Institute, the Children and Youth Center „Gutta-Club” and the Energy Efficiency Agency.

## The First Communities – Beneficiaries of the Energy and Biomass Project 2 Financed by the European Union Have Been Selected

19 schools, kindergartens, and other public institutions from the southern region of Moldova and TAU Gagauz-Yeri will be connected to modern technologies for energy generation from renewable sources. These are the first communities benefiting from the EU Energy and Biomass Project 2, which have passed the final selection phase, out of 34 application files submitted for the tender.

The beneficiary institutions have been selected as a result of a phased and transparent evaluation process, the decisions being made by the Selection Committee, comprised of representatives from the Ministry of Economy, Ministry of Agriculture and Food Industry, Ministry of Regional Development and Constructions, Ministry of Education, Agency for Energy Efficiency, Energy Efficiency Fund, European Delegation to Moldova, and UNDP – Moldova.

„The works for connecting the selected public institutions to biomass based heating systems, as well as to solar based hot water production systems will commence in the fall of this year and will be completed in 2016. All the 19 public institutions will be connected to biomass based heating systems, in seven (7) of which (mainly kindergartens,

one hospital and one block of the Emergency Situations Directorate) there will be also installed solar collectors for hot water production”, informed Alexandru Ursul, Manager of the Energy and Biomass Project.

We should specify that the second phase of the Energy and Biomass Project envisions installation with European funds of 80 biofuel based heat plants in public institutions. In parallel with the connection to bioenergy, solar collectors for hot water production will be installed in 21 beneficiary institutions. Solar energy based technologies will be first installed in kindergartens and healthcare institutions, as a priority.

List of communities that have passed the final selection phase:

Small towns from the southern region: towns Taraclia (Fine Arts School and Creative Center), Tvardita (Kindergarten), Causeni (Curative block of district hospital, Emergency Situations Directorate), Cimislia (Kindergarten), Leova (Kindergarten, sports school), Cahul (block of dormitories of the Medical College)

Taraclia District: villages Albota de Jos (Gymnazium), Budai (Kindergarten), Ciurmai (Kindergarten), Corten (Theoretical lyceum), Sofievca (Gymnasium)

TAU Gagauz Yeri: villages Baurci (Kindergarten), Cazaclia (Kindergarten), Congaz (Kindergarten), Copceac (Kindergarten), Gaidar (Community Center).

## The caravan of biomass boilers has reached Soroca

Energy and Biomass Project team has participated at the Europe Days on May, 10th in Chisinau and on May 16th in Soroca. The visitors of the European Village in both localities have had access to information regarding project's activities; will find out the results obtained till now, as well as the programmes in process of implementation.

During the Europe Days, project's team, in partnership with Gutta Club, have implemented interactive activities with the young people, master classes where they have learnt about how to harness the renewable energy, the waste and will learn how to behave eco. Also, in the European Village in Soroca a biomass boilers caravan has been organized. The people had the opportunity to see how a biomass boiler works, types of boilers produced and assembled in the Republic of Moldova. The purpose of the exhibitions was to promote biomass energy, as an ecological alternative to the heating on gas or coal.

The Newsletter is produced by the Energy and Biomass Project 2. The project has a total budget of 9.41 million euros, granted by the European Union and it is implemented by the United Nations Development Programme during 2015–2017.

**The opinions expressed in this publication do not necessarily reflect the views of the European Union and UNDP.**

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