#### REPORT on the activities of the Bioenergy Association of Ukraine (01.01.2020 – 31.12.2020)

# **1. Improving the regulatory framework**

Event	Date
UABIO proposes to remove barriers to the development of the energy crops market. Letter No 471	10.01.2020
UABIO proposals for the Concept of the Energy Efficiency Policy of Ukraine. Letter 478	31.01.2020
UABIO proposals to the Concept of "green" energy transition of Ukraine till 2050. Letter No 480	07.02.2020
UABIO proposals to the Concept of "green" energy transition of Ukraine till 2050. Letter No 482	24.02.2020
<u>UABIO proposals for solving urgent problems in Ukrainian energy sector.</u> <u>Letter 483</u>	14.04.2020
<u>UABIO appealed to government on the release the biomass burning plants</u> from the payment CO2 tax and support electricity production from biomethane. Letter 485	06.05.2020
UABIO appeals to government regarding the debts of SE "Guaranteed Buyer" to producers of electricity from biomass and biogas. Letter 486	29.05.2020
The first step towards resolving the situation on the renewable energy market has done!	11.06.2020
<u>UABIO proposals to the draft law № 3658 on improving the conditions for</u> <u>supporting the production of electricity from alternative energy sources.</u> <u>Letter 488</u>	30.06.2020
<u>UABIO appeals to the government regarding the legal regulation of the</u> <u>digestate usage in Ukraine. Letter 493</u>	03.08.2020
<u>UABIO Head of the Board Georgii Geletukha joined the working group at</u> the Ministry of Energy of Ukraine on the implementation of Law 810 – IX. Letter 495	12.08.2020
UABIO appeals to the parliament regarding the repeal Paragraph 3 of the Final and Transitional Provisions of the Law № 810-IX. Letter 497	17.09.2020
UABIO appeals to the State Forestry Agency regarding the deferral of payments for fuel raw materials. Letter 499	20.10.2020
<u>UABIO proposals to improve the Law № 1959-VIII on stimulating the</u> production of thermal energy from ADE. Letter 500	26.10.2020
UABIO proposals for the introduction of a competitive heat market. Letter	05.11.2020

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Joint statement of public organizations to the Government of Ukraine on the need to develop and approve a national Green Deal	18.11.2020
<u>UABIO proposals to the draft Law №3356 on the mandatory use of liquid</u> <u>biofuels (biocomponents) in the transport sector. Letter 508</u>	02.12.2020
UABIO appeals to increase support quotas for "other" alternative energy sources to 100 MW annually for 2021 and 2022. Letter 511	04.12.2020
<u>UABIO proposals on regulating the usage of digestate as fertilizer – Law</u> of Ukraine "On Pesticides and Agrochemicals". Letter 512	11.12.2020
UABIO appeals to support the bioenergy sector and overcome existing barriers. Letter 514	24.12.2020

#### 2. Analytical work, project work

Event	Date
An investment for green growth and a "greening" of the international financial system are global trends nowadays	09.01.2020
UABIO experts visited a vineyard boiler house in Spain. AgroBioHeat project	10.03.2020
Analysis of pellets and briquettes production from corn residues – UABIO Position Paper 23	30.04.2020
UABio participated in the TNA project: technology needs assessment in Ukraine. Second report is published	28.05.2020
Agricultural residues for energy. What you should know about organizational and technical solutions – UABIO Position Paper 24	14.09.2020
Prospects of sunflower residues use for energy – UABIO Position Paper 25	13.10.2020
Roadmap for bioenergy development in Ukraine until 2050 – UABIO Position Paper 26	26.11.2020
Possible utilization directions of ash from biomass combustion. Biomass ash as fertilizer in agriculture – UABIO Position Paper 27	22.12.2020
Measurements on the boiler plant of Volyn-Kalvis LLC in Kovel – the lighthouse case within the EU Horizon 2020 AgroBioHeat project	16.12.2020
Measurements on the boiler plant of RAPID ENGINEERING LLC in Dnipro – the lighthouse case within the EU HORIZON 2020 AgroBioHeat project	30.12.2020

# 3. Infographics

Event	Date
Biomass usage in the energy sector of Ukraine	15.01.2020
Bioenergy is 70% of all renewable energy sources (RES) in Ukraine	24.01.2020
European Commission for a clean planet for all	27.03.2020
Social transition to a clean planet	07.04.2020
We start to account of biofuels in energy units	10.04.2020
Industrial transition to a clean planet	16.04.2020
Economic transition to a clean planet	23.04.2020
MYTH: The development of bioenergy involves total deforestation	05.05.2020
Biogas projects in Ukraine 2020	14.05.2020
Ukraine has one of the lowest tariffs for the bioenergy sector among EU countries	09.06.2020
The biogas and biomethane industries are contributors to achieve climate- neutrality by 2050	16.06.2020
Bioenergy in Ukraine: advantages and opportunities	17.06.2020
BIOMETHANE is more environmentally friendly than natural gas	19.06.2020
The main incentives for the development of bioenergy	15.07.2020
Why bioenergy? — 4 arguments	21.07.2020
Bioenergy — an important component of "green" energy due to the predictability and ability to balance the energy system	27.07.2020
European Green Deal: 10 main points	06.08.2020
Bioenergy in the EU: important facts	17.08.2020
The global coal fleet shrank for the first time on record in 2020	31.08.2020
Sector by sector: where do global greenhouse gas emissions come from?	28.09.2020
Transforming energy demand in the transport sector by 2050	23.10.2020
Prospects for the use of biofuels and biogas in the transport sector of Ukraine	10.11.2020
MORE THAN 120 COUNTRIES have officially announced a goal to reduce greenhouse gas emissions to zero by 2050	17.11.2020

$\frac{16\% - \text{the average annual growth rate of bioenergy for the period 2010} - \frac{2019}{2019}$	10.12.2020
Bioenergy day of Ukraine 2020	16.12.2020

## 4. Organization of specialized seminars, trainings, conferences

Event	Date
The UABIO community is growing — 15 new members have joined in $2019$	03.02.2020
Online seminar "Ways of using the digestate of biogas plants as fertilizers". Results and materials	27.05.2020
Environmental problems, loss of thousands of jobs, turning off heat supply, fires — or what awaits us as a result of the shutdown of bioenergy facilities	03.06.2020
Online seminar "Prospects for biomethane production and consumption in Ukraine": results and materials	23.06.2020
Sustainable Bioenergy Value Chain Innovations — the results of the stakeholders meeting	02.07.2020
Energy crops for bioenergy projects: prospects for Ukraine — conclusions and materials of the online seminar	09.09.2020
Prospects for the production and consumption of renewable gases in Ukraine — the results and materials of the online seminar	29.09.2020
BIOPLAT-EU: Proceedings of the online stakeholder meeting "Energy crops for bioenergy projects: prospects for Khmelnytskyi and Ternopil regions"	16.10.2020
Results of the First Participatory Workshop within the REGATRACE project	26.10.2020
AgroEnergyDay 2020: materials	29.10.2020
Online Seminar "Review of Climate Action and Transition to Sustainable Energy in Ukraine" — the results and materials of the online seminar	18.11.2020

## 5. Publications in mass media, scientific journals

Event	Date
Organic fertilizers in agriculture nutritions recycling	20.03.2020
Digestate post-treatment methods and derived products	30.04.2020
Why does Ukraine need biogas? Article for "Economichna Pravda"	12.05.2020

Bioenergy sends an SOS signal	03.06.2020
Non-payment in bioenergy will lead to environmental disaster. Article for "Economichna Pravda"	03.06.2020
Energy Strategy of Ukraine until 2050 – why this document is needed now?	17.08.2020
Where and why is Ukraine braking on the green pathway?	11.09.2020
Opportunities for utilization of biomass residues in the renewable sector in Ukraine – project conclusions	10.12.2020
UABIO Monthly digest	

#### 6. TV interviews, press conferences, videos

Event	Date
Georgii Geletukha: When we buy imported gas, our money works in other countries — when we buy biomass, we leave the money in Ukraine	30.04.2020
<u>RES: Ukrainian way — Georgii Geletukha interview for First Business</u> <u>Channel</u>	01.06.2020
UABIO calls on the authorities not to stop at signing the Memorandum	12.06.2020
<u>Georgii Geletukha: The bioenergy industry can grow 250 times. Interview</u> <u>for "Ukrainska Energetyka"</u>	15.06.2020
Georgii Geletukha: Role of pellets in the green economy. Interview for "Agribusiness today"	28.07.2020
Georgii Geletukha on Ukraine's energy independence and prospects for bioenergy. Interview for UNIAN	28.08.2020
Bioenergy is an alternative to natural gas consumption — an interview with Georgii Geletukha for the Espreso.TV	15.09.2020
<u>Role of bioenergy in the economy decarbonization in circumstances of the pandemic — an interview with Georgii Geletukha for the Agribusiness Today media</u>	12.10.2020
Georgii Geletukha: How can Ukraine refuse gas and become energy independent	19.10.2020
Georgii Geletukha: Biofuel is a cheap and ecological alternative to natural gas. Interview for UNIAN	28.10.2020

## 7. Participation of UABIO members in conferences, seminars and other events, awards

Event	Date	
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UABIO and SEC Biomass experts presentations at World Sustainable Energy Days 2020	12.03.2020
Scientific work from UABIO members is nominated for the State Prize of Ukraine	22.04.2020
6 key proposals of UABIO to the Government	05.05.2020
UABIO Head of the Board Georgii Geletukha was elected as a Board Member of the World Bioenergy Association	07.05.2020
UABIO experts took part in a practical seminar "Restoration of soil fertility & organic fertilizers"	18.06.2020
UABIO Head of the Board Georgii Geletukha and UABIO Board Member Serhii Savchuk voiced the position of the Association during the press conference "Renewable energy – will there be light at the end of the tunnel?"	15.07.2020
<u>Georgii Geletukha about necessary reforms in the district heating sector —</u> <u>KeepWarm project</u>	30.07.2020
UABIO Head of the Board Georgii Geletukha took part in the 12th Sustainable Energy + SOLAR Forum and Trade Show of Central and Eastern Europe	20.10.2020
Chairman of the Board of the Bioenergy Association of Ukraine Georgii Geletukha took part in the webinar of the All-Ukrainian Ecological League	24.11.2020
Scientific work «Technologies and equipment for the production and consumption of alternative fuels» won the state prize in the field of science and technology	31.12.2020

## 8. UABIO participation in other organizations and new UABIO members, other events

Event	Date
<u>UABIO new member – Zhytomyr National Agroecological University</u>	13.01.2020
<u>UABIO new member – Perspektyva Engineering Company</u>	19.01.2020
<u>UABIO new member – Clear Energy</u>	28.01.2020
UABIO new member – Arzinger LLC	13.02.2020
<u>UABIO new member – Leonid Melezhyk</u>	05.11.2020
UABIO new member – INDIAN SOLAR LLC	15.12.2020
Ukrainian GTS Operator (OGTSU) and the Bioenergy Association of Ukraine will cooperate in the field of renewable gas development	16.12.2020

#### 9. UABIO members' news

Event	Date
Kamianets-Podilskyi CHP: the first in Ukraine, the third in Europe, the fifth in the world station with a unique ORS module	16.01.2020
Salix energy experience: energy crops growing in Ukraine	29.01.2020
Renewable Energy Agency (Ukraine) in a partnership with COWI A/S (Danmark) has started the implementation of the new project under the EBRD programme	13.05.2020
Thousands of bioenergy workers may lose their jobs due to debts at the "green" tariff	05.06.2020
Modern briquetting line of miscanthus of Ukrainian production	13.07.2020
Kriger — a world-class boiler equipment	22.07.2020
UABIO experts took part in the International Agroindustrial Exhibition "AGRO-2020"	14.08.2020
Polissya National University: scientific activity, strong base, real experience	11.11.2020
<u>UABIO members recognized as eco-leaders in 2020 — ECOtransformation</u> <u>awards</u>	26.11.2020