

UNTAPPED BIOENERGY POTENTIAL OF UKRAINE

ISSUES OF ENERGY SECURITY AND FOOD SECURITY

31 MARCH 2023 • 10:00 - 13:30 (KYIV TIME)

HOTEL UKRAINE, KYIV, 4 INSTITUTSKA ST., 2ND FLOOR, ASSEMBLY HALL



Ukraine is the largest country in Europe in terms of its territory. An extensive natural gas transmission system (with a capacity of about 150 billion m³ per year) and underground storage facilities designed to store almost 32 billion m³ of natural gas are underutilized and can potentially store the entire existing potential of biomethane production in Ukraine (up to 20 billion m³ per year). Biomethane production could be carried out at hundreds of biomethane plants throughout Ukraine, which could promote decentralization, create new jobs and generate funds for local budgets, instead of payments having to be made for imported natural gas. In addition, mineral fertilizers could be replaced with organic digestate, a by-product of biomethane plants.

In the summer of 2022, the Ministry of Agrarian Policy and Food requested United Nations support to address fuel shortages in the agriculture sector. The request came as fuel and energy resources became increasingly scarce and expensive, impacting agricultural production capacity at all levels. The Food and Agriculture Organization of the United Nations

(FAO), the United Nations Environment Programme (UNEP) and the United Nations Economic Commission for Europe (UNECE) are responding to this request by conducting a three-tiered assessment leading to a full proposal for a demonstration project in the biofuel sector, based on findings of the Joint SDG Fund project on Addressing the compounded food and energy crisis in Ukraine through innovative technologies and adaptive agricultural practices.

This project aims to lay a foundation for greater sustainability and green economic recovery in both the agriculture and energy sectors by analysing the impacts of the current energy crisis and supporting informed decision-making on a suitable bioenergy strategy for Ukraine, considering the social, economic and environmental impacts of the ongoing war. This multistakeholder dialogue also will feed into further development of renewable energy and energy efficiency strategies and policies to strengthen energy security.

OBJECTIVE

The main objective of this multistakeholder dialogue is to review the key findings of the analysis of available bioenergy potential in Ukraine, discuss key issues, identify priorities and solutions, and propose concrete recommendations for developing a strategy on the production and use of bioenergy resources, in particular biomethane, bioethanol and biodiesel.

The dialogue among key stakeholders will include the identification of possible priorities to achieve food security and accomplish relevant Sustainable Development Goals. The dialogue also may serve as a platform for the exchange of information on existing approaches, challenges and perspectives to the further development of bioenergy and biofuels in Ukraine.

TARGET AUDIENCE

Ministry of Agrarian Policy and Food; Ministry of Energy; State Agency on Energy Efficiency and Energy Saving of Ukraine; business community; manufacturers of biomethane and biofuels; Bioenergy Association of Ukraine; renewable energy associations and market players; international organizations; commercial banks; international financial institutions; and other international and national stakeholders.



AGENDA

31 MARCH 2023 • 10:00-13:30 (KYIV TIME)

10:00 - 10:20

WELCOME AND OPENING REMARKS

Mr Vitaliy Holovnya, Deputy Minister, Ministry of Agrarian Policy and Food (MAPF)

Ms Yulia Pidkomorna, Deputy Minister, Ministry of Energy

Mr Dmytro Ihorovych Petrunin, Representative Minister, Ministry for Communities, Territories and Infrastructure Development

Ms Hanna Zamazeeva, Head and Deputy of the State Agency Of Energy Efficiency And Energy Saving Of Ukraine (SAEE)

Mr Andrew Stevenson, Senior Programme Officer (FAO Ukraine)

Mr Oleg Dziubinski, Regional Adviser (UNECE)

Mr Pier Carlo, UNEP Representative for Ukraine

Mr Sergii Chernov, President of the Ukrainian Association of District and Regional Councils

10:20 - 10:25

INTRODUCTION TO THE MULTISTAKEHOLDER DIALOGUE

BIOENERGY POTENTIAL AND OPPORTUNITIES IN UKRAINE

(moderated by FAO)

10:25 - 10:35

JOINT SDG FUND PROGRAMME PLAN, GOALS, EXPECTED RESULTS AND NEXT STEPS

Mr Denys Motorniy, National Project Coordinator (FAO)

10:35 - 10:50

ENERGY, ENVIRONMENT AND FOOD SECURITY NEXUS

Mr Oleksii Korchmit, Director of the Board Public Union Global RE 100% Ukraine (100% RE Ukraine)

10:50 - 11:05

POTENTIAL OF BIOENERGY RESOURCES AND FEASIBILITY OF BIOFUELS PRODUCTION IN UKRAINE

Mr Sergii Nevmyvanyi, Compound Food/Energy Specialist (FAO)

11:05 - 11:30

ENVIRONMENTAL SUSTAINABILITY OF BIOFUELS

ROLE OF BIOFUELS IN THE ENERGY TRANSITION FOR A GREEN ECONOMY IN UKRAINE

Ms Leila Urekenova, Programme Officer (UNEP)

Mr Semeon Drahnev, UNEP Expert

11:30 - 12:00

OPEN DISCUSSION:

STRATEGY FOR BIOFUEL MARKET DEVELOPMENT IN UKRAINE

Moderator: **Mr Mikhail Malkov**, Policy and Programme Director (United Nations Resident Coordinator Office in Ukraine)

Participation:

Mr Yevhen Sytnyk, Coordinator of headquarters for the regional infrastructure restoration and transformation (UAROR)

Mr Mykola Volodymyrovych Roik, Director of the Institute of Bioenergy Crops and Sugar Beet (NAAS)

12:00 - 12:15

COFFEE BREAK

NORMATIVE AND INSTITUTIONAL FRAMEWORK FOR THE BIOENERGY SECTOR

(moderated by UNECE)

12:15 - 12:25

VISION OF THE STRATEGY FOR THE DEVELOPMENT OF THE BIOENERGY INDUSTRY IN UKRAINE TO ACHIEVE THE GOALS OF REDUCING THE CONSUMPTION OF FOSSIL FUELS AND INCREASING ENERGY SECURITY

Representative of the State Agency Of Energy Efficiency And Energy Saving Of Ukraine (SAEE)

12:25 - 12:45

BIOENERGY POLICIES, REGULATIONS AND MARKET DEVELOPMENT; POLICY BENEFITS FOR THE BIOENERGY SECTOR UPTAKE INCREASE IN UKRAINE

Mr Valeriu Sambucini, Economic Affairs Officer

Mr Valerii Kotsiuba, Consultant (UNECE)

12:45 - 13:00

BIOENERGY MARKET PROSPECTS IN UKRAINE AND PRIVATE SECTOR VISION ABOUT PROJECT RECOMMENDATIONS

Mr Georgii Geletukha, Head of the Board, Bioenergy Association of Ukraine (UABIO)

13:00 - 13:20

OPEN DISCUSSION:

HOW TO IMPROVE THE BIOENERGY REGULATORY FRAMEWORK IN UKRAINE

Moderator: **Ms Nadejda Khamrakulova**, Project Officer (UNECE)

Participation:

-Gals Agro,

-MHP Eco Energy,

-Smilaenergopromtrans,

-Clear Energy

OUTCOME OF THE MULTISTAKEHOLDER DIALOGUE

13:20 - 13:30

WRAP-UP AND CLOSING REMARKS

Ms Michela Morese, Senior Natural Resources Officer

(FAO Office of Climate Change, Biodiversity and Environment)

Mr Gianluca Sambucini (UNECE)

13:30

BUFFET LUNCH

