



Workshop: Use of Agricultural Residues for Bioenergy

25 – 26 September 2014, Kiev, Ukraine

The European Commission's Joint Research Centre, Enlargement and Integration programme
in cooperation with: the Scientific Engineering Centre "Biomass" & Bioenergy Association of Ukraine

Day I Thursday, 25 September 2014

09:00 – 13:00	Morning session <i>Chair: Georgiy Geletukha, UABIO-SECB, Ukraine & Jean-Francois Dallemand, EC JRC</i>
09:00 – 09:30	Welcome address Georgiy Geletukha, UABIO-SECB, Ukraine Jean-Francois Dallemand, European Commission Joint Research Centre Introduction of participants
09:30 – 10:00	Status of Bioenergy in Ukraine: Resources, Technologies, Market development Georgiy Geletukha, UABIO-SECB, Ukraine
10:00 – 10:30	European Commission Joint Research Centre activities in the field of Renewable Energy Mapping & Monitoring Nicolae Scarlat, European Commission Joint Research Centre, EC JRC
10:30 – 11:00	Status of bioenergy in Danube Region countries Manjola Banja, European Commission Joint Research Centre, EC JRC
11:00 – 11:30	Coffee break



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| 11.30 - 12.00 | Development and status of the use of agricultural residues for energy in Denmark: History and policy drivers
Inge Stupak, University of Copenhagen, Denmark |
| 12.00 - 12.30 | Sustainability issues related to straw use for energy in Denmark: Outcome of a GBEP evaluation
Niclas Scott Bentsen, University of Copenhagen, Denmark |
| 12.30 - 13.00 | Prospects for the use of agricultural crop residues for energy production in Ukraine
Tetiana Zheliezna, Bioenergy Association of Ukraine, SEC Biomass, Kyiv, Ukraine |
| 13.00 - 14.00 | <i>Lunch</i> |
| 14.00 – 17.45 | <i>Afternoon session</i>
Chair: Inge Stupak and Tetiana Zheliezna, UABIO-SECB, Ukraine |
| 14.00 - 14.30 | EU-Ukraine cooperation & energy,
S.Ladnyy, EU Delegation, Kiev |
| 14.30 - 15.00 | Use of Agricultural Residues for Bioenergy in the Galilee
Uri Marchaim, Galilee Research Institute, Israel |
| 15.00 - 15.30 | Status of Bioenergy and use of crop residues in Serbia
Milan Martinov, University of Novi Sad, Serbia |
| 15.30 - 16.00 | IEA Bioenergy activities
Kees W. Kwant, Netherlands Enterprise Agency, Ministry of Economic Affairs, The Netherlands |
| 16.00 – 16.15 | <i>Coffee break</i> |
| 16.15 - 16.45 | Some EU research activities in bioenergy: S2Biom and Biotrade2020plus projects
Leire Iriarte, International Institute for Sustainability Analysis and Strategy, INAAS, Germany |
| 16.45 - 17.15 | Status of bioenergy in FYROM
Ordan Chukaliev, Faculty of Agricultural Sciences & Food, Skopje, Former Yugoslav Republic of Macedonia |
| 17.15 - 17.45 | Status of bioenergy in Turkey
Hayati Olgun, University of Ege, Turkey |
| End of Day I. 20.30 | <i>Social Dinner</i> |



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Day II Friday, 26 September 2014

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| 09:00 – 13:00 | Morning session
<i>Chair M.Martinov (Novi Sad University) and Yuriy Matveev (UABIO-SECB, Ukraine)</i> |
| 09.00 - 09.30 | Netherlands Sustainable Biomass Program
Kees W. Kwant, Netherlands Enterprise Agency, Ministry of Economic Affairs, The Netherlands |
| 9.30 - 10.00 | Bioenergy from residues and crops in Ukraine. Opportunities and challenges
Wolter H. Elbersen, Wageningen UR, The Netherlands |
| 10.00 - 10.30 | Use of waste of agroindustrial complex of Ukraine for the production of biogas and biomethane
Yuriy Matveev, Bioenergy Association of Ukraine, Institute of Engineering Thermophysics of NASU, Kyiv, Ukraine |
| 10.30 - 11.00 | Coffee break |
| 11.00 - 11.30 | High yield bioenergy crops for biofuels production in Ukraine
Mykhailo Gumentyk, Institute of Bioenergy Crops and Sugar Beet, Kyiv, Ukraine |
| 11.30 - 12.00 | Prospects for the use of energy crops for energy production in Ukraine
Oleksandra Tryboi, Institute of Engineering Thermophysics of NASU, SEC Biomass, Kyiv, Ukraine |
| 12.00 - 12.30 | Experience of energy willow production in the western regions of Ukraine
Iryna Gnap, «Salix Energy» Ltd, Bioenergy Association of Ukraine, Ukraine |
| 12.30 - 13.00 | Legal aspects of bioenergy projects implementation in Ukraine: particularities for agricultural residues
Maksym Sysoiev, Marchenko Danevych law firm, Kyiv, Ukraine |

13.00 - 14.00

Lunch



14.00 – 18:00

Afternoon session

Chair: Georgiy Geletukha (UABIO-SECB, Ukraine) and Jean-Francois Dallemand (EC JRC)

14.00 - 14.15

Activities of the EBRD (European Bank of Reconstruction & Development) in the field of energy in Ukraine

Tetiana Markuta, European Bank of Reconstruction and Development (EBRD), Kiev

14.15-14.30

Integrated use of bioenergy conversion technologies in agroecosystems

Gennagii Golub, (National University of Life and Environmental Sciences of Ukraine, Kyiv, Ukraine)

14.30-15.00

Examples of financing bioenergy projects in Ukraine

Sergii Nevmyvanyi (International Finance Corporation, Kyiv, Ukraine)

15.00-15.15

Modern standards and quality classes of solid biofuels from oil-seed and crop residues

Tetiana Ignatenko (Secretary General at Ukrainian Pellet Union, Kyiv, Ukraine)

15.15-15.30

Principles & backgrounds of agrarian solid biofuels certification.

Technical peculiarities of agrobiomass refining

Volodymyr Bunetskyi (Director of the certification body "T.S.I. Group")

15.30 – 15:45

Coffee break

15:45 - 16.15

Are residues available for energy production ?

Ana Kojakovic, Energy Institute Hrvoje Pozar, Zagreb, Croatia

16.15 – 17.45

Group Discussion on Use of residues for bioenergy (all participants)

Chair: Kees W. Kwant (IEA)

17.45 - 18.00

Technical remarks on the Workshop content

Wolter H. Elbersen, Wageningen University, the Netherlands

18.00

Closing remarks by

Jean-Francois Dallemand (EC JRC) & Georgiy Geletukha (UABIO-SECB, Ukraine)

Day III Saturday, 27 September 2014

Technical Visit (optional)

10.00-11.00	Visit of biomass boiler house located in the National Botanic Garden, Kyiv.
11.00-12.30	Travel (75 km) to the south of Kiev.
12.30-13.30	Technical visit to the energy plantations of the Institute of Bioenergy Crops and Sugar Beet.
13.30-14.30	<i>Lunch</i>
14.30-16.00	Way back to Kyiv.