



Working Group on Capacity Building

Study Tour for Capacity Building

4th Bioenergy Week

Hungary, Budapest, 21-24 June 2016

Conference Room, Ministry of Agriculture of Hungary

1055 Budapest, Kossuth Lajos ter 11

Tentative Agenda

Hosted by:



Supported by and in cooperation with:



Food and Agriculture Organization
of the United Nations



European Bank
for Reconstruction and Development



GBEP Working Group on Capacity Building (WGCB)

Study tour for capacity building and training (Activity Group 3)

Agenda for the 4th "Bioenergy Week"

Hungary, Budapest, 21-24 June 2016

Tuesday 21 June 2016	Wednesday 22 June 2016	Thursday 23 June 2016	Friday 24 June 2016
	SOLID BIOMASS AND AGRICULTURAL RESIDUES Exchange of experiences and opportunities in the region in light of the advances in technology, market conditions and biomass solid fuel availability. Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities.	BIOGAS OPPORTUNITIES Exchange of experiences and opportunities of biogas and biomethane developments in the region. Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities.	ROUNDTABLE discussions among policy makers, business sector and international banks/funds *** 1. Private sector experiences for development opportunities in the region 2. Funding opportunities and project financing
	Lunch	Lunch	Lunch
OPENING Welcome Speeches *** Bioenergy development and regulatory frameworks in Eastern Europe and Central Asia Bioenergy Value Chains State of the art, challenges and lessons learned	LIQUID BIOFUELS OPPORTUNITIES IN THE REGION Exchange of experiences and opportunities on biodiesel and advanced bioethanol. Speakers will be invited to make cross cutting references to sustainability and to value chains approaches, challenges and opportunities. Side event FINTECC project	FIELD VISIT	ROUNDTABLE discussions among policy makers, business sector and international banks/funds (con't) *** CONCLUSIONS Main messages and concluding remarks
Dinner	Cocktail		

Tuesday, 21 June 2016

14.00 – 14.30 **Registration of participants and welcome coffee**

14.30 – 15.15 **Opening and Welcome**

Maria Michela Morese, GBEP Executive Secretary

Welcome remarks

- *H.E. Sándor Fazekas, Minister, Ministry of Agriculture, Government of Hungary*
- *Vladimir Rakhmanin, FAO Regional Representative for Europe and Central Asia*
- *Representative from the Government of Italy, GBEP Chair*
- *Representative from the Government of Brazil, GBEP Co-Chair*

15.15 – 16.15 **Bioenergy development and regulatory frameworks in Eastern Europe and Central Asia**

Chair: Representative Government of Hungary

- *Bioenergy regulatory frameworks in the Region, Péter Kaderják and/or László Szabó, Regional Centre for Energy Policy Research (REKK)*
- *Bioenergy development in Eastern Europe and Central Asia, Representative of Regional Environmental Centre (REC)*
- *Bioenergy development in the European Union, Representative of EU Commission*
- *From the IEA global vision for bioenergy to regional and local strategies to accelerate deployment, Simone Landolina, IEA*
- *The role of bioenergy in Hungary, Szabolcs Vágvolgyi, Századvég Gazdaságkutató Zrt*

16.15 – 18.00 **Key elements to develop a bioenergy value chain**

Moderator: Ausilio Bauen, E4Tech

Panelists will give a 10 minute overview of bioenergy related value chains with specific reference to actors involved, phases of the value chains and distribution of responsibilities among actors, status quo in the region, challenges and opportunities. Questions and Answers with the involvement of the audience will follow.

- *Value Chain for biogas, Guido Bezzi, Italian Consortium Biogas – CIB, Italy*
- *Value chain for liquid biofuels, Representative from EUBIA*

- Value chain for woody biomass, *Representative from ENERO*
- Value chain for 2nd generation biofuels, *Federico Grati, Mossi & Ghisolfi Group/BioChemtex*
- *Q&A - Challenges and positive experiences*

19.30 – 21.30 **Dinner kindly hosted by the Ministry of Agriculture of Hungary, with support by FAO and GIZ**

<p>Wednesday, 22 June 2016</p>

09.00 – 10.30 **SOLID BIOMASS AND AGRICULTURAL RESIDUES – Exchange of experiences and opportunities in the region in light of the advances in technology, market conditions and biomass solid fuel availability.**

Chair: National Agency for Rural Development (ACSA), Republic of Moldova

Speakers will be invited to give a 10 minute presentation on their experiences and lessons learned. Questions and Answers with the involvement of the audience will follow in order to identify challenges and opportunities in the region.

- The experience in Hungary, *Balázs Györffy, President, National Chamber of Agriculture*
- The experience of biomass power plants in Hungary, *Péter Rudolf, Secretary General, Biomasszaerőművek Egyesülése*
- Bioenergy development in Serbia. The role on households, *GIZ DKTI representative*
- The experience of UNEP in the region, *Pier Carlo Sandei, UNEP Vienna*
- Experience in Armenia, *Representative from Armenia*
- Experience in Belarus, *Representative from Belarus*
- *Q&A - Challenges and positive experiences*

10.30 – 11.00 **Coffee break**

11.00 – 12.30

- An example of R&D experience, *Franco Cotana, University of Perugia, Italy*
- Experience in Georgia, *Representative from Georgia*
- Macroeconomic study on net effects of import substitution of fossil fuels with solid biomass in Serbia, *Rainer Schellhaas, GIZ DKTI Project*
- Experience in Moldova, *Representative from Moldova*
- Experience in Tajikistan, *Representative from Tajikistan*
- Experience in Ukraine, *Representative from Ukraine*
- Experience in Uzbekistan, *Representative from Uzbekistan*
- *Q&A - Challenges and positive experiences*

12.30 – 14.00 **Lunch break**

14.00 – 15.30 **LIQUID BIOFUELS OPPORTUNITIES IN THE REGION -
Exchange of experiences and opportunities on biodiesel and
advanced bioethanol**

Chair: Simone Landolina, IEA

Speakers will be invited to give a 10 minute presentation on their experiences and lessons learned. Questions and Answers with the involvement of the audience will follow in order to identify challenges and opportunities in the region.

- Second Generation biodiesel from waste and secondary raw material, *Anita Simon, Production and Sale Deputy General Manager, Biofilter Zrt. Co.*
- Future plans in Belarus, *Representative from Belarus*
- The experience of the FORBIO project “Fostering Sustainable Feedstock Production for Advanced Biofuels on underutilised land in Europe”, *Marco Colangeli, FAO and Peter Gyuris, Geonardo*
- Energy Efficiency Centre, Georgia
- Experience in country/project tbd
- *Q&A - Challenges and positive experiences*

15.30 – 16.00 **Coffee break**

16.00 – 17.30

- Experience in country/project tbd

- Experience in country/project tbd
- Experience in country/project tbd
- Experience in country/project tbd
- *Q&A - Challenges and positive experiences*

18.00 – 19.00

Side Event

Accelerating transition to sustainable climate technologies.

EBRD – FAO – IEA collaborative work

Moderator: Gianpiero Nacci, EBRD

- Monitoring the adoption of key sustainable climate technologies in the agri-food sector, *Nuno Santos and Alessandro Flammini, FAO*
- *Q&A*
- Assessing the market penetration of renewable energy and energy efficiency technologies – highlights from a case study in Belarus, *Simone Landolina, IEA*
- *Q&A*

19.00 – 20.30

Cocktail kindly offered by EBRD

Thursday, 23 June 2016

09.00 – 10.30

BIOGAS OPPORTUNITIES – Exchange of experiences and opportunities of biogas and biomethane developments in the region.

Chair: Georgiy Geletuka or Yuri Matveev, Bioenergy Association of Ukraine (UABio)

Speakers will be invited to give a 10 minute presentation on their experiences and lessons learned. Questions and Answers with the involvement of the audience will follow in order to identify challenges and opportunities in the region.

- Experience in Azerbaijan, *Representative tbd*
- The experience of EKO GEA, Slovenia
- Experience in Kyrgyzstan, *Representative tbd*
- Mushroom-biogas complex agrisystem, *Adrienn Nagy, Executive Director, Pilze-Nagy Zrt*
- *Q&A - Challenges and positive experiences*

10.30– 11.00 **Coffee break**

11.00 –12.30

- Biogas for domestic and industrial uses: the experience of CIBiogás-ER and ITAIPU in Brazil, relevant for the Eastern Europe and Central Asian region, *Marcelo Alves de Sousa, CIBiogás-ER, Brazil*
- How to develop a biogas system: requirements, logistics, regulations and economics of biogas plants in Europe, *Guido Bezzi, Italian Consortium Biogas – CIB, Italy*
- Biogas experience in Ukraine, *Georgiy Geletuka or Yuri Matveev, Bioenergy Association of Ukraine (UABio)*
- Experience in Mongolia, *Representative from Mongolia*
- Experience in Turkmenistan, *Representative from Turkmenistan*
- *Q&A - Challenges and positive experiences*

12.30 – 14.00 **Lunch break**

14.00 – 17.00 **FIELD VISIT**

Participants will be divided into two groups for separate field visit tours during the same afternoon (depending on the total confirmed participants).

Location 1) Pilze-Nagy Ltd - raw material of oyster mushrooms, cultivation of oyster mushrooms and production of biogas.

Address: Kecskemét, Talfája, 50, 6000

Proposed programme: duration 2-2,5 hours

Participants will visit 3 producing units: production of raw material of oyster mushrooms, cultivation of oyster mushrooms, and production of biogas.

Participants will have the opportunity to taste some food prepared with mushrooms. If possible and if time allows the visit could be extended to the nearby organic farm.

Location 2) to be defined

Friday 24 June 2016 – ROUND TABLE DISCUSSION among policy makers, business sector and international banks/funds

09.00 – 11.00 ROUND TABLE 1 – Technology deployment and private sector experiences for development opportunities in the region

Key note speaker and moderator: Paolo Frankl, IEA

Speakers will be invited to give a 5 minute presentation on their experiences and lessons learned. Questions and Answers with the involvement of the audience will follow in order to identify challenges and opportunities in the region.

- BioChemtex Group
- Novozymes
- Dupont
- Kernel
- Maccaferri
- Clariant
- Engineering Academy of the Kyrgyz Republic
- Barnabás Tóth, MOL Hungary Zrt
- James Primrose, BP Alternative Energy Intl. Ltd.
- *Q&A - Challenges and positive experiences*

11.00 – 11.30 Coffee break

11.30 – 13.00 ROUND TABLE 2 – Raising awareness on project financing opportunities for the development and deployment of bioenergy projects in Eastern Europe and Central Asia.

Moderator: Pjotr Schade, Everest Energy Group

Speakers will be invited to give a 5 minute presentation on their experiences and lessons learned, specifically focusing on the current and expected future situation, at policy/investment/project level. Presentations will be followed by a guided discussion aimed to exchange views on the current situation in the region and to discuss means to further improve the development and deployment of bioenergy projects in the future, looking at policy tools and targets, investments and industrial projects and activities.

- *Csaba Nemes, Ministry of National Development, Government of Hungary*
- *Representative from Azerbaijan, State Agency on Alternative and Renewable Energy Sources*
- *EBRD (European Bank for Reconstruction and Development)*
- *EIB (European Investment Bank)*
- *NEFCO (Nordinc Environment Fincnace Corporation)*
- *IFC (International Finance Corporation), Nebojsa Arsenijevic*
- *Armenia Renewable Energy and Energy Efficiency Fund*
- *Moldovan Sustainable Energy Financing Facility*
- *BioChemtex Group*
- *Attila Kovács, Első Magyar Biogáz Kft, Hungary*

13.00 - 15.00 **Lunch break**

15.00 – 16.00 **ROUND TABLE 2 – Raising awareness on project financing opportunities for the development and deployment of bioenergy projects in Eastern Europe and Central Asia.**

16.00 – 16.30 **Coffee break**

16.30 – 17.30 **CONCLUSIONS**

Main messages from the Bioenergy Week and the role of GBEP to exploit opportunities and address challenges

Closing remarks

- *Zsolt Feldman, Deputy State Secretary, Ministry of Agriculture, Government of Hungary*
- *Maria Michela Morese, GBEP Executive Secretary*