***The contribution of GBEP's work on sustainability***

***to the project "Fostering Sustainable Feedstock Production***

***for Advanced Biofuels on underutilised land in Europe - FORBIO"***

***FAO Headquarters, German Room C 269/C 229***

Rome, 27 November 2018

FORBIO is an EU-Horizon 2020 project (that began in January 2016 and is expected to be finalized by December 2018), aiming to foster the **integration of advanced biofuels into the development of the energy and agricultural sectors in Italy, Germany and Ukraine.** The GBEP sustainability indicators for bioenergy represented the starting point for the sustainability assessments of the FORBIO project.

This workshop will be the opportunity to present the results of the project focused on advanced biofuels, and share experiences and lessons learned about the different use and implementation of the GBEP indicators to favor a sustainable development of bioenergy.

***PRELIMINARY AGENDA***

09.00 – 09.30 Registration of participants and Welcome Coffee

09.30 – 09.45 FORBIO Project Presentation

*Cosette Khawaja and Rainer Janssen, WIP*

***Detailed Overview of Activities and Results of each of the case study sites***

09.45 – 10.25 The Italian case study

* Agronomic and Techno-economic feasibility

*Guido Bonati and Giuseppe Pulighe, CREA*

* Sustainability Assessment

*Marco Colangeli, FAO*

10.25 – 11.05 The German case study

* Agronomic and Techno-economic feasibility

*Dirk Knoche, FIB and Cosette Khawaja, WIP*

* Sustainability Assessment

*Marco Colangeli, FAO*

11.05 – 11.45 The Ukrainian case study

* Agronomic and Techno-economic feasibility

*Oleksandra Tryboi, SECBio*

* Sustainability Assessment

*Marco Colangeli, FAO*

11.45 – 12.45 Panel discussion – synergies and opportunities for collaboration between GBEP and the EC

*Chairperson: Francisco José Domínguez Pérez, Spain*

* **The EC programme and R&I policies**

*Maria Georgiadou, European Commission, DG Research (15 min)*

* **FORBIO and BIOPLAT-EU H2020 projects,**

*Rainer Janssen, WIP (5 min)*

* **The implementation of the GBEP Sustainability Indicators and way forward to foster sustainable bioenergy**

*Maria Michela Morese, GBEP Executive Secretary, FAO (10 min)*

* **Open discussion on synergies and opportunities for collaboration between GBEP and the EC** (30 min)

12.45 – 13.00 Closing remarks

*Maria Michela Morese, FAO/GBEP and Maria Georgiadou, EC*

13.00 – 14.15 Lunch break

**10th meeting of the GBEP Working Group on Capacity Building**

**for Sustainable Bioenergy (WGCB)**

***FAO Headquarters, German Room C 269/C 229***

Rome, 27-28 November 2018

***PRELIMINARY AGENDA***

Tuesday, 27 November 2018

14.15 – 14.20 Opening and adoption of the agenda

*Miguel Almada,* *Co-Chair (Argentina)*

*Bah Saho, Co-Chair (ECREEE/ECOWAS)*

14.20 – 14.30The EC research and innovation policy to support sustainable development of bioenergy

*Maria Georgiadou, European Commission, DG Research*

**Activity Group 2**

**“Raising awareness and sharing of data**

**and experiences from the implementation of the GBEP indicators”**

*Horst Fehrenbach, AG2 Co-Leader (Germany)*

14.30 – 16.10 Implementing the GBEP indicators to empower the world for sustainable bioenergy

* Brief overview on the implementation of GBEP indicators worldwide (*Horst Fehrenbach, AG2 Co-Leader*)
* Recent experiences in the measurement of the GBEP indicators:
* Implementation in Paraguay and Vietnam *– Justo Vargas and Guillermo Parra, Paraguay, and Andrea Rossi and Tiziana Pirelli, FAO (Viet Nam)*
* Implementation in Ethiopiaand Kenya *–*  *Berhane Kidane, Ethiopia and Rocio A. Diaz-Chavez (Kenya), UN Environment*
* Biogas sector in the Three Desert Governorates *- Ahmed Abdelati, Egypt*
* Capacity development in Ghana and Togo *- Tiziana Pirelli, FAO*
* The experience in Germany, Italy and Ukraine (FORBIO project) *- Marco Colangeli, FAO and Rainer Janssen, WIP*
* Second implementation in Germany *- Horst Fehrenbach, Germany*
* Discussion and exchange of views

**Activity Group 3**

**“Study Tour for capacity building and training”**

*Representative from Brazil, AG3 Leader*

16.10 – 16.40 Bioenergy Weeks

* Key messages from the 2018 Bioenergy Week in Buenos Aires, Argentina (*Representative from Brazil or GBEP Secretariat)*
* Discussion on the 2019 Bioenergy Week

**Activity Group 4**

**“Towards sustainable modern wood energy development”**

*Olivier Dubois, AG4 Leader (FAO)*

**16.40 – 17.00 Progress report from the AG4** **activities**

* Progress report (*Olivier Dubois, AG4 Leader*)
* Discussion and agreement on next steps

Wednesday, 28 November 2018

**09.10 – 09.30 An overview of Red II**

*Malcolm McDowell, DG Energy, European Commission*

**Activity Group 7**

**“Biogas”**

*Bah Saho, AG7 Co-leader (ECREEE/ECOWAS)*

* 1. **- 10.45 Progress report from the AG7 activities**
* Update on the development of the stocktaking report on biogas (*Constance Miller, GBEP Secretariat)*
* Discussion and agreement on next steps

**10.45 – 11.15 Coffee break**

**Proposed Activity Group 8**

**“Advanced Liquid Biofuels”**

*Fahran Robb, AG8 Proposed Leader (USA)*

* 1. **– 12.30 AG8 programme of work**
* Presentation of the proposed AG8 programme of work (*Fahran Robb, AG8 proposed Leader)*
* Discussion and agreement on next steps

**12.30 – 13.00 Conclusions of the WGCB**

*Miguel Almada,* *Co-Chair (Argentina)*

*Bah Saho, Co-Chair (ECREEE/ECOWAS)*

**13.00 – 14.30 Lunch break**

**16th Meeting of the GBEP Task Force on Sustainability**

***FAO Headquarters, German Room C 269/C 229***

Rome, 28-29 November 2018

During the GBEP meetings held in Rome, in November 2014, it was suggested to develop an Implementation Guide on the use of the GSIs, in order to:

* Facilitate the testing and implementation of the GSIs by future users, enabling them to take advantage of relevant lessons learned; and
* Clarify and explain in more detail some identified issues within the methodology sheets in the 1st edition of the “Global Bioenergy Partnership Sustainability Indicators for Bioenergy” report, by:
  + Ensuring a better integration of definitions and methodologies;
  + Ensuring an effective implementation of the indicators; and
  + Enhancing the practicality of the indicators.

A scope of work of the Task Force on Sustainability for the production of an Implementation Guide on the use of the GBEP Sustainability Indicators for Bioenergy (GSIs) was developed and further endorsed by the GBEP Steering Committee in 2015. Since then the Task Force has being working towards the development of the Implementation Guide through regular teleconferences of the three re-instated sub-groups on the Environmental (led by Germany), Social (led by Argentina and FAO) and Economic (led by Japan and Italy) indicators. In addition to this, progress was made in the development of a technical report on Attribution.

***PRELIMINARY AGENDA***

Wednesday, 28 November 2018

14.30 – 14.40 Opening and adoption of the agenda

*Takashi Hayashi, TF Co-Chair (Japan)*

*Annalisa Zezza, TF Co-Chair (Italy)*

*Ahmed Abdelati Ahmed, TF Co-Chair (Egypt)*

**14.40 – 16.00 Implementation Guide on the use of the GSIs – Status of development**

* ***Stepwise approach*** to the measurement of the GBEP GSIs, including guidance on information flow and data consistency (flowchart), as well as examples of best practices and proxy indicators(*Constance Miller,* *GBEP Secretariat*)
* ***Technical report on Attribution*** of impacts to bioenergy production and use (*Horst Fehrenbach and Jürgen Giegrich, IFEU, Germany)*
* Discussion and agreement on next steps

**16.00 – 17.00 Implementation Guide on the use of the GSIs – Status of development** (cont)

* ***Sub-group reports***on outcomes from 2018
* Discussions and agreement on next steps

**Sub-group on Environmental Indicators**

*Uwe Fritsche, Germany*

**Sub-group on Social Indicators**

*Maria Murmis, Argentina*

*Olivier Dubois, FAO*

**Sub-group on Economic Indicators**

*Takashi Hayashi, Japan*

*Annalisa Zezza, Italy*

**18.00 – 20.00 Reception/Cocktail**

Thursday, 29 November 2018

**09.30 – 10.30**  **Implementation Guide on the use of the GSIs – Status of development** (cont)

* ***Sub-group reports***on outcomes from 2018 (cont)
* Discussions and agreement on next steps

**10.30 – 11.00 Coffee break**

**11.00 – 11.30 Discussion on the way forward towards finalization of the Implementation Guide and opportunities for dissemination**

* Discussion on the next steps and activities/events

**11.30 – 12.30 Discussion on bioenergy and the broader bioeconomy**

* Introduction to the non-paper “Bioenergy in the context of the bioeconomy” *(Constance Miller,* *GBEP Secretariat*)
* Discussion among GBEP Partners and Observers

**12.30 – 12.40** **Conclusions**

* Recap on the agreed next steps and activities

**12.40 – 14.00 Lunch break**

**21st Meeting of the GBEP Steering Committee**

***FAO Headquarters, German Room C 269/C 229***

Rome, 29 November 2018

***PRELIMINARY AGENDA***

Thursday, 29 November 2018

14.00 – 14.15 Welcome speech

Alexander Jones*, Director, Climate and Environment Division, FAO*

14.15 – 14.20 Opening and adoption of the agenda

Francesco La Camera, GBEP Chair

*Director General, Ministry for the Environment Land and Sea, Italy*

João Genésio de Almeida Filho, GBEP Co-Chair

*Director General, Ministry of External Relations, Brazil*

14.20 – 14.30 GBEP Chairmanship and Membership

* Discussion on the GBEP chairmanship for the next biennium (2019-2020)
* Welcoming new GBEP Partners

**14.30 – 15.30 GBEP Programme of Work – GBEP Working Group on Capacity Building for Sustainable Bioenergy (WGCB)**

* Presentation of progress report from the Working Group (*Co-Chairs*)
* Discussion and endorsement of the way forward

**15.30 – 16.30 GBEP Programme of Work – GBEP Task Force on Sustainability (TFS)**

* Presentation of progress report from the Task Force (*Co-Chairs*)
* Discussion and endorsement of the way forward

**16.30 – 16.50 GBEP programme of work, funding arrangements and links with G7 and G20 Summits**

* Updates on GBEP programme of work, funding arrangements for the future and the GBEP Report to the G7 and G20 Summits 2018 (*Maria Michela Morese, GBEP Secretariat*)

**16.50 - 17.00 Conclusions and next steps**