

GBEP Workshop
**“Introduction to AGLINK-COSIMO model for the measurement of
Indicator 10”**

FAO Headquarters, Ethiopia Room C-285/289

Rome, 10-11 November 2014

PRELIMINARY AGENDA

The Global Bioenergy Partnership (GBEP) has developed a set of 24 relevant, practical, science-based, voluntary sustainability indicators that address all forms of bioenergy. Indicator 10 deals with the effects of bioenergy use and domestic production on the price and supply of a national food basket. Step 2, tier III of this indicator entails a “Quantitative assessment” using approaches such as Partial Equilibrium (PE) modelling.

The AGLINK-COSIMO modelling system is one of the most comprehensive partial equilibrium models for global agriculture. The model is one of the tools used in the generation of baseline projections underlying the OECD-FAO Agricultural Outlook. For many countries agricultural policies are specifically modelled within AGLINK-COSIMO. This makes the model a powerful tool for forward looking analysis of domestic and trade policies, comparing scenarios of alternative policy settings against the benchmark of the baseline projections. AGLINK-COSIMO may also be used for ex-post assessments of the effects of bioenergy use and domestic production on agricultural markets, as was done for instance in the context of the pilot-testing of the GBEP indicators in Colombia and Indonesia.

This workshop aims to introduce participants to the OECD-FAO outlook process, the underlying partial equilibrium modelling structures, databases and analytical tools. A special focus will be on the interactions between bioenergy and agriculture and participants will be able to interact with the scenarios and perform simulations that most closely reflect their interests and concerns in the development of the bioenergy and agricultural sectors. In addition, the implementation of AGLINK-COSIMO within the pilot-testing of the GBEP sustainability indicators for bioenergy in Colombia and Indonesia will be described, and the possible future applications of this modelling system in the context of the GBEP indicators and beyond will be discussed.

10 November 2014, Monday

09.00 – 09.30	Participant’s registration
09.30 – 09.40	Opening and Welcome <i>Maria Michela Morese, GBEP Secretariat/FAO</i>
09.40 – 10.00	Session I - Introduction <ul style="list-style-type: none">• GBEP indicator 10: Price and supply of a national food basket <i>Andrea Rossi, GBEP Secretariat/FAO</i>
10.00 – 10.30	Coffee break

10.30 – 13.00	Session I - Introduction (cont'd) <ul style="list-style-type: none"> General introduction to the OECD-FAO medium-term outlook methodology <i>Holger Matthey, FAO</i> Highlights of the 2014 Agricultural Outlook <i>Holger Matthey, FAO</i>
13.00 – 14.30	Lunch break
14.30 – 15.00	Session I - Introduction (cont'd) General introduction to the outlook process and model <i>Holger Matthey, FAO</i>
15.00 – 17.00	Open discussion and sharing of ideas <i>Moderator: Holger Matthey, FAO</i>
17.00 – 17.30	Wrap-up and Closure

11 November 2014, Tuesday

09.00 – 10.30	Session II - Application <ul style="list-style-type: none"> Overview of Country Module and Global Projection Model <i>Holger Matthey, FAO</i> Applications and exercises using country and global models <i>Holger Matthey, FAO</i>
10.30 – 11.00	Coffee break
11.00 – 13.00	Open discussion - Attendees share views and ideas on how to model applications <i>Moderator: Holger Matthey, FAO</i>
13.00 – 14.30	Lunch break
14.30 – 17.00	Session III – Towards future applications <ul style="list-style-type: none"> The implementation of AGLINK-COSIMO within the pilot-testing of the GBEP indicators in Colombia and Indonesia <i>Marco Colangeli, GBEP Secretariat/FAO</i> Future applications and challenges of AGLINK-COSIMO in the context of the GBEP indicators and beyond. Presentation and discussion <i>Moderators: Marco Colangeli, Holger Matthey, Andrea Rossi</i>
17.00 – 17.30	Conclusions

**6th meeting of the GBEP Working Group on Capacity Building
for Sustainable Bioenergy (WGCB)
FAO Headquarters, Ethiopia Room C-285/289
Rome, 12-13 November 2014**

PRELIMINARY AGENDA

12 November 2014, Wednesday

09.00 – 09.10 Opening and adoption of the agenda
Miguel Almada, Co-Chair (Argentina)
Bah Saho, Co-Chair (ECOWAS)

Activity Group 2
**“Raising awareness and sharing of data
and experiences from the implementation of the GBEP indicators”**
Horst Fehrenbach, Co-Leader (Germany)
Dadan Kusdiana, Co-Leader (Indonesia)

09.10 – 10.40 Implementing the GBEP indicators to empower the world for sustainable bioenergy

- Implementing the GBEP indicators in Argentina
Miguel Almada (Argentina)
- Implementing the GBEP indicators in Egypt – results of a desk study
Ahmed Abdelati (Egypt)
- Implementing the GBEP indicators in Jamaica
Betsy Bandy (Jamaica)
- Implementing the GBEP indicators in Brazil
Suani Coelho (Brazil)
- Conclusions of the piloting of the GBEP indicators in Colombia and Indonesia
Marco Colangeli and Andrea Rossi (FAO)

10.40 – 11.00 Discussion, Q&A

11.00 – 11.20 Coffee break

11.20 – 13.00 Discussion on environmental, social and economic indicator experiences

- Table on experiences with the measurement of the GBEP indicators

13.00 – 14.30 Lunch break
14.00-14.30 (Ethiopia Room) - Simone Landolina (IEA) will present the How2Guide for Bioenergy: a toolbox for national/regional bioenergy roadmap development and implementation. Interested colleagues are invited to join.

14.30 – 15.30 Discussion of the way forward - preparation of guidance document

Activity Group 3
“Study Tour for capacity building and training”
Mariangela Rebuá, AG3 Leader (Brazil)

- 15.30 - 17.00** **Bioenergy Week 2015**
- Themes for discussion at the Bioenergy week
 - Discussion and agreement on next steps

13 November 2014, Thursday (WGCB cont'd)

Activity Group 4
“Towards sustainable modern wood energy development”
Olivier Dubois (FAO)
Martina Otto (UNEP)
Ranyee Chiang (UNF/GACC)

- 09.00 – 10.00** **Presentation of the report “Towards sustainable modern wood energy development”**
Cornelia Sepp, ECO Consult
- 10.00 – 10.30** **Next steps for the Activity Group 4**
- 10.30 – 10.45** **Coffee break**

Activity Group 5
“The Global Renewable Energy Atlas – Bioenergy Component”

- 10.45– 11.45** **Discussion and agreement on next steps**
Nicolas Fichaux, AG5 Leader (IRENA)

New proposed Activity Groups

- 11.45 – 12.45** **Presentation and discussion on a new proposed Activity Group on “Bioenergy and Water”**
Uwe R. Fritsche (IEA Bioenergy on behalf of IEA)
- 12.45 – 13.00** **Conclusions of the WGCB**
Miguel Almada, Co-Chair (Argentina)
Bah Saho, Co-Chair (ECOWAS)
- 13.00 – 14.30** **Lunch break**

Roundtable discussion
**“How to develop a sustainable bioenergy sector through
a collaborative approach”**

FAO Headquarters, Ethiopia Room C-285/289

Rome, 13 November 2014

14.30 – 17.00

Moderators: Gerard Ostheimer (UN SE4All Bioenergy Lead), Olivier Dubois (FAO)

- Update on Country and HIO Programme of the SE4All, including on the Sustainable Bioenergy HIO
Gerard Ostheimer (UN SE4All Bioenergy Lead), Olivier Dubois (FAO)
- Overview on the GBEP work on sustainability indicators
Horst Fehrenbach (Co-leader Activity Group 2 on GBEP indicators)
- Sharing private sector experience on sustainable bioenergy production and use
- Roundtable discussion on a collaborative approach between the private sector and GBEP towards a sustainable bioenergy sector in the context of SE4All

17.30 – 19.00

Reception

17th Meeting of the GBEP Steering Committee
FAO Headquarters, Ethiopia Room C-285/289
Rome, 14 November 2014

PRELIMINARY AGENDA

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| 09.00 – 09.30 | Welcome coffee |
| 09.30 – 09.45 | Welcome speech
<i>FAO Representative</i> |
| 09.45 – 10.00 | Opening and adoption of the agenda
Francesco La Camera, GBEP Chair
<i>Director General, Ministry for the Environment Land and Sea, Italy</i>
Mariangela Rebuá, GBEP Co-Chair,
<i>Director General, Department of Energy, Ministry of External Relations, Brazil</i> |
| 10.00 – 10.15 | GBEP Chairmanship <ul style="list-style-type: none">• Discussion on the GBEP chairmanship for the next biennium (2015-2016) |
| 10.15 – 11.15 | GBEP Programme of Work – GBEP Working Group on Capacity Building for Sustainable Bioenergy (WGCB) <ul style="list-style-type: none">• Presentation of progress report from the Working Group (<i>Co-Chairs</i>)• Discussion and endorsement of the way forward |
| 11.15 – 11.30 | GBEP programme of work and funding arrangements <ul style="list-style-type: none">• Update on GBEP programme of work and funding arrangements for 2015 |
| 11.30 – 11.40 | GBEP link with the G8 and G20 Summits 2014 <ul style="list-style-type: none">• Update on the GBEP Report to the G20 Summit 2014 |
| 11.40 – 12.00 | Conclusions and next steps |