



Food and Agriculture
Organization of the
United Nations



Technical Workshop The GSIs Rapid Implementation Framework online tool



28 October 2025



FAO Headquarters, Rome, Italy

Lebanon Room (D 209 bis) and

Philippines Room (C279)

AGENDA & CONCEPT NOTE

*Workshop organized with the support of the
Council for Agricultural Research and Economics
(CREA, Italy) as a contribution to the GBEP Task Force on
Sustainability.*

GLOBAL BIOENERGY PARTNERSHIP
WORKING TOGETHER FOR SUSTAINABLE DEVELOPMENT



Concept note

Background

The [Rapid Implementation Framework \(RIF\) handbook](#) was developed by the Global Bioenergy Partnership (GBEP) to support the application of the GBEP Sustainability Indicators (GSIs) in resource-constrained settings. It helps users prioritize indicators and identify suitable proxies to streamline implementation.

The RIF online tool digitizes the handbook's questionnaire and offers a user-friendly interface that automates result visualization. It provides a preliminary list of critical themes for sustainability, supports full GSI implementation, and serves as a tool for policymakers and stakeholders to monitor the sustainability of various bioenergy pathways compared to business-as-usual scenarios (e.g. traditional bioenergy or fossil fuels). It can also be used for educational and research purposes.

Developed in collaboration with the Italian Council for Agricultural Research and Economics (CREA), which led the IT development and accessibility, the tool was built using PHP and a MySQL database, with a responsive design to ensure compatibility across devices (mobile phones, tablets, laptops).

The tool includes RIF components covering:

-  Institutional context and regulatory framework;
-  Guidance on selecting relevant bioenergy value chains;
-  Value chain description; and
-  Identification of critical GSIs based on value chain characteristics and sustainability risks.

The RIF is intended for public, private and multilateral stakeholders conducting rapid sustainability assessments of bioenergy pathways at the national level. It can also be used for training and awareness-raising, particularly when the questionnaire is completed by multidisciplinary experts familiar with the local context. Users may complete the questionnaire individually or in groups after registering, which enables them to save progress and return later.

Workshop aims

This workshop is designed to familiarize participants with the functionalities of the online tool, offering a clear understanding of how it operates and can be applied in practice. It also serves as a platform to share insights and lessons learned from the initial round of testing, highlighting both the strengths and areas for improvement identified during early use. A key objective is to gather practical feedback from participants to help refine the questionnaire, thereby enhancing its accuracy and ability to capture meaningful data for sustainability assessments.

Ultimately, the workshop seeks to support the ongoing development of the tool by integrating real-world experiences and suggestions to improve its overall effectiveness and usability.

Agenda

09.00 – 09.30 **Registration**

09.30 – 09.50 **Welcome and opening remarks**

 *Maria Michela Morese, Office of Climate Change, Biodiversity and Environment, (OCB), FAO*

 *Emilio Gatto, Ministry of Agriculture, Food Sovereignty and Forests (Italy)*

 *Alessandra Pesce, Council for Research in Agriculture and Agricultural Economics, Centre for Policies and Bioeconomy*

 *Ahmed Abdelati, GBEP Task Force Sustainability (TFS) Co-Chair (Egypt)*

FACILITATING THE IMPLEMENTATION OF THE GSI

Moderated by Ahmed Abdelati, GBEP TFS Co-Chair

09.50 – 10.00 **Overview of the GBEP Sustainability Indicators (GSIs) for Bioenergy and the Rapid Implementation Framework (RIF)**

Tiziana Pirelli, FAO/GBEP Secretariat

10.00 – 10.15 **Presentation of the Rapid Implementation Framework online tool**

Maria Valentina Lasorella, CREA, Italy

10.15 – 10.30 **Interaction with tool and preliminary feedback**

 *Constance Miller (FAO/GBEP Secretariat)*

 *Mitia Mambella (CREA, Italy)*

10.30 – 11.00 **Coffee/tea break**

**PRESENTATION OF LESSONS LEARNED
FROM FIRST ROUND OF TESTING**

Moderated by Constance Miller, GBEP Secretariat

11.00 – 11.15 **Preliminary results from the analysis of biogas value chain in Italy**

Guido Bezzi, Italian Biogas Consortium

11.15 – 11.30 **Preliminary results from the analysis of bioenergy value chains in UK and The Philippines**

Mirjam Röder, Aston University, UK

11.30 – 11.45 **Preliminary results from the analysis of bioethanol value chain in Viet Nam**

Alice Carlotta Tani, CREA, Italy

11.45 – 12.00 **Preliminary results from the analysis of gasification value chain in Italy**

Adriano Palma, AnaEE

12.00 – 12.15 **Preliminary results from the analysis of CCU from biomethane value chain**

Rocio Diaz-Chavez, Imperial college of London, UK

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- 12.15 – 12.30** **Preliminary results from the analysis of rice straw biochar in The Philippines**
Bernardette Tongko Magadia, University of the Philippines Los Banos and Philippine National Consortium on Net Zero Initiative
- 12.30 – 12.45** **Feedback and discussion on test case studies**
- 12.45 – 14.00** **Lunch**
- 14.00 – 15.00** **Interaction with tool and group work**
Parallel groups 📍 *Lebanon room and Espace Gabon*
Groups will discuss improvements to the tool for its finalization and project ideas for piloting and use
- 15.00 – 15.20** **Coffee break**
- 15.20 – 15.50** **Plenary – Discussion on next steps**
☀️ *Maria Valentina Lasorella (CREA, Italy)*
☀️ *Tiziana Pirelli (FAO/GBEP Secretariat)*
- 15.50 – 16.00** **Conclusions and wrap up**
Ahmed Abdelati, GBEP TFS Co-Chair
- 16.00 – 17.00** **Visit to Food and Agriculture Museum & Network (FAO MuNe)**
📍 *Building A, Ground Floor*
- 18.00 – 21.00** **Reception**
📍 *Fountain Bar, 8th Floor*

VISIT TO

FOOD AND AGRICULTURE MUSEUM & NETWORK AND RECEPTION



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