



Food and Agriculture
Organization of the
United Nations



GLOBAL SUPPORT
PROGRAMME



Partnership on Transparency
in the Paris Agreement

PATPA Asian Regional Group: virtual events 2020

*“Enabling Transparency in the AFOLU Sector:
Enhancing Data Collection and Institutional
Arrangements”*

17 November, 1 and 3 December 2020



Version as of 15 Dec 2020



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety



The Government of
the Republic of Korea



environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA



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Introduction

The Partnership on Transparency in the Paris Agreement

The Partnership on Transparency in the Paris Agreement aims to promote ambitious climate action through practical exchange in order to achieve the goal of keeping the global temperature rise well below 2° Celsius and to pursue efforts to limit the increase to 1.5° Celsius.

The main focus of the Partnership is on transparency issues related to the different building blocks of global climate governance, in particular the Enhanced Transparency Framework (ETF) of the Paris Agreement. It serves as a platform for dialogue and peer-to-peer exchanges between countries, thus helping to build mutual understanding and trust.

Through its regional groups the Partnership seeks to enhance cooperation and exchange with various partners in a specific region.

Context of virtual events

The experience of an in-person workshop cannot be replicated virtually, neither regarding workshop content and format nor regarding the networking experience. However, in lieu of an in-person meeting in 2020 and with no clear timeline on the horizon, a preparatory virtual event held on 17th November 2020 and two subsequent virtual events held on 1st and 3rd December 2020 offered a platform for continued exchange and peer learning in the Regional Group. The trimmed down agenda for these virtual events laid the groundwork for an eventual physical workshop, where participants will then benefit from an already more advanced knowledge base.

The events were organized jointly by the Partnership on Transparency in the Paris Agreement (PATPA) and the Food and Agriculture Organization (FAO), supported by the Greenhouse Gas Inventory and Research Center of Korea (GIR) on behalf of the Korean Ministry of Environment, and the Global Support Programme (GSP) jointly implemented by the United Nations Environment Programme (UNEP) and the United Nations Development Programme (UNDP).

Scope of virtual events

The objectives of these events were to:

- Promote learning on transparency related topics to advance implementation and raise NDC ambition
- Create opportunities for peer-to-peer learning, knowledge sharing and in-depth trainings on data collection and institutional arrangements
- Share experiences, challenges and potential solutions in implementing the ETF, and
- Facilitate regional networking and collaborative climate action.

The content comprised:

- An update on the status of negotiations on transparency
- Using breakout groups to address data issues and institutional arrangements in the agriculture, forestry and other land use (AFOLU)

Participants and speakers

The virtual events included [35] participants from [15] countries. Participants came from a range of government institutions, including:

- Representatives of the Ministry of Environment - including experts involved in setting up and maintaining the national transparency system;
- Representatives from the Ministry of Agriculture/Forestry dealing with transparency issues;
- Colleagues from National Statics Offices that collect data for MRV.

The workshop was facilitated by Ricardo Energy & Environment, and speakers included representatives from PATPA, FAO and the secretariat of the UN Framework Convention on Climate Change (UNFCCC). In addition, a country input was given by Japan on the national QA/OC process.



Main findings

The preparatory virtual event held on 17th November 2020 focused on breakout groups that sought to identify the challenges faced by participants and their countries in relation to AFOLU and:

- Data availability, data collection and management
- Understanding ETF requirements, and
- Institutional arrangements.

Challenges were rated in terms of their importance and ease of solution (see Annex I).

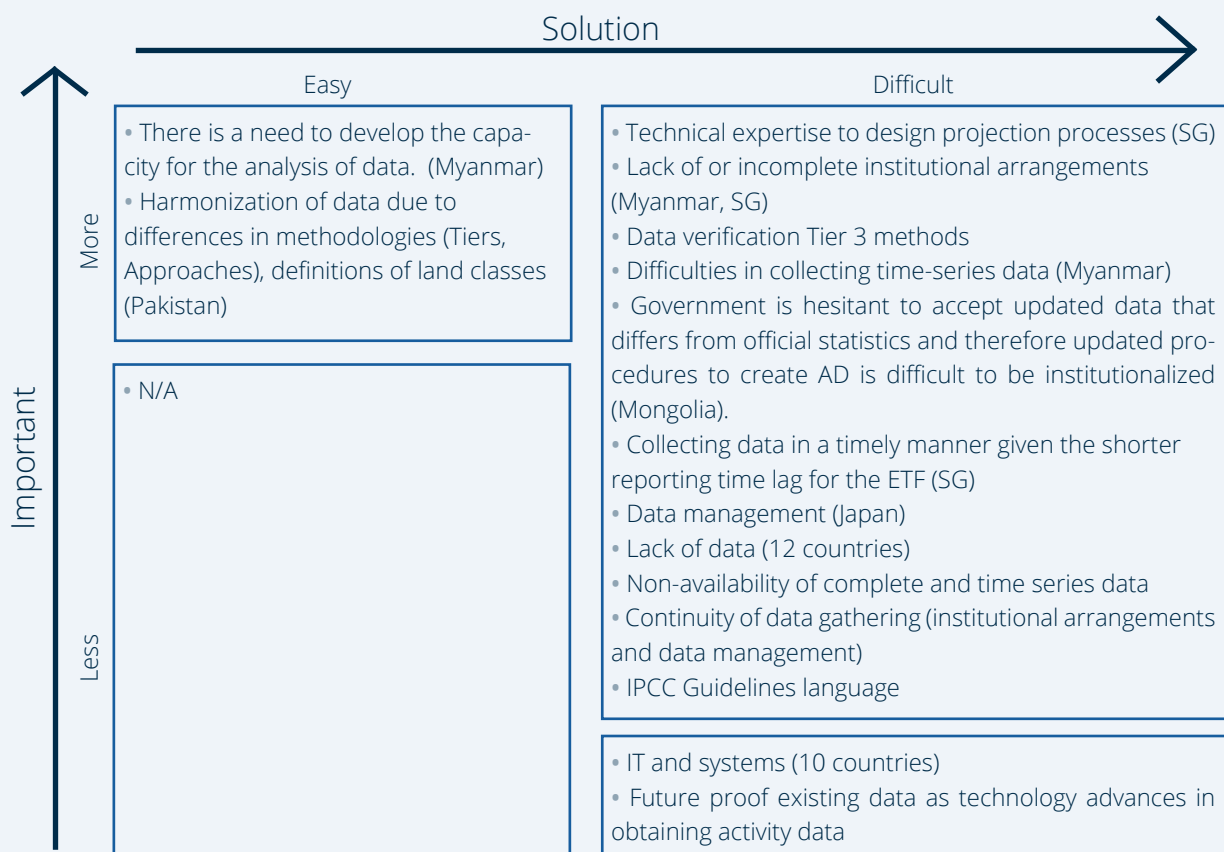
The subsequent virtual event held on 1st December focused on questions in breakout groups that related to the following issues in relation to AFOLU and data issues (see Annex II, key points emboldened):

- Major emission source(s)
- Information needs
- Capacity building to identify needs
- Existing data and responsibilities
- New data and responsibilities
- Other important emission sources.

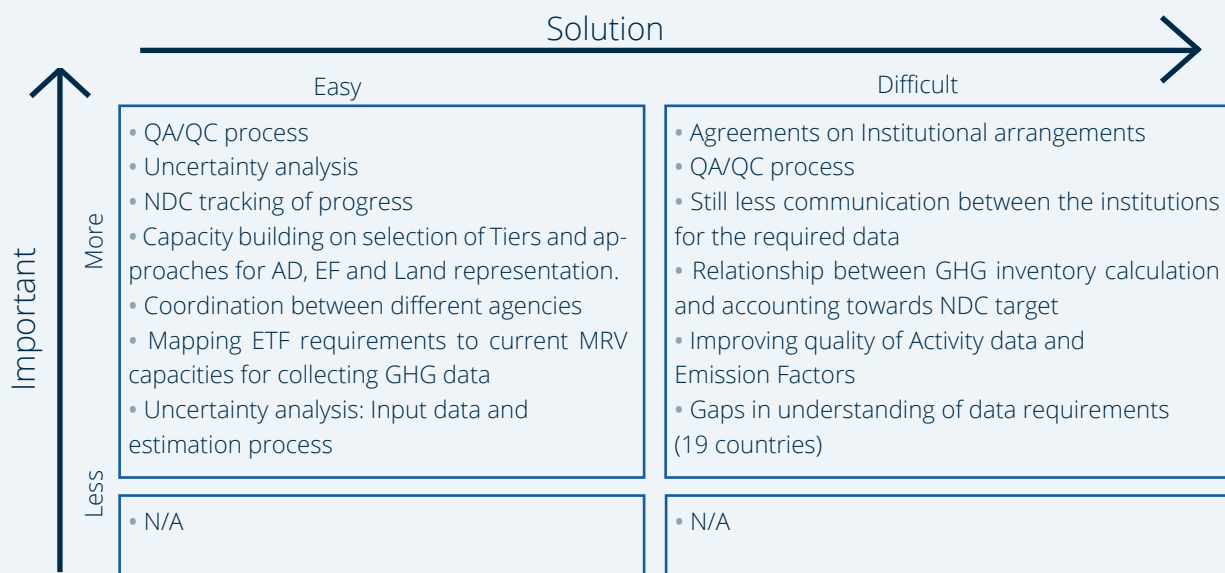
The final virtual event held on 3rd December then focused on questions in breakout groups that related to institutional arrangements and identifying tentative next steps that participants identified that it would be good for them or their country to take in order to make and sustain progress (i.e. short-, mid-, long term) with data collection and management and/or institutional arrangements regarding AFOLU (see Annex II).

Annex I – Challenges (Preparatory event – 17th November)

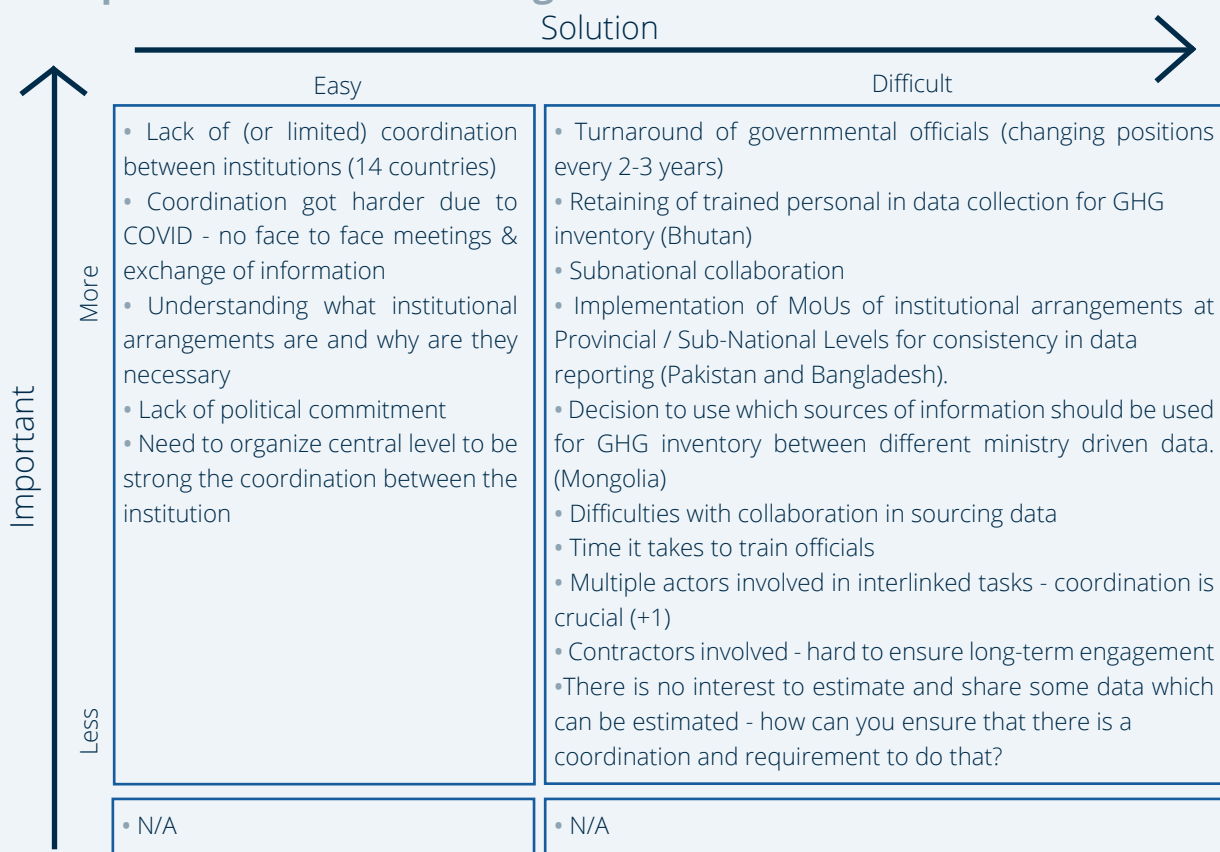
Group 1 - Data availability, data collection and management



Group 2 - Understanding ETF requirements



Group 3 - Institutional arrangements





Annex II – Agenda

Pre-Workshop Event, 17 November 2020



**Moderation: Richard Smithers & Marianna Budaragina,
Ricardo Energy Environment**
**Technical Support: Jessica Ball & Pier Andrea Pirani,
Creating Meaning/Euforic Services**

- Technical Orientation
Technical Support
- Opening Remarks
Mirella Salvatore, FAO
- Welcome + Introduction
Moderators
- Introduction of Participants and PATPA
Moderators + Kirstin Hücking (PATPA Secretariat) & Dong-hyuk Shin (KOR)
- ETF & MPGs Basics
Bernd Hackmann, UNFCCC
- Q&A
Moderators
- Instructions to the Following Session
Moderators
- BREAK
- Challenges Regarding Institutional Arrangements & Data Collection
*Moderators + Mirella Salvatore, Alessandro Ferrera, Iordanis Tzamtzis,
Beau Damen, FAO*
- Reporting Back
Moderators
- Closing Remarks
Fatima-Zahra Taibi, GSP
- Recap
Moderators



Workshop Day 1, 1st December 2020



**Moderation: Richard Smithers & Marianna Budaragina,
Ricardo Energy Environment**
**Technical Support: Jessica Ball & Pier Andrea Pirani,
Creating Meaning/Euforic Services**

- Technical Orientation
Technical Support
- Welcome Remarks
Dong-hyuk Shin (KOR)
- Welcome + Introduction
Moderators
- Input: Data Collection & Institutional Arrangements
Mirella Salvatore, FAO
- Q&A
Moderators
- Introduction of the Parallel Sessions
Moderators
- Parallel Sessions on Data Collection, Part I
*Moderators + Mirella Salvatore, Alessandro Ferrera, Iordanis Tzamtzis,
Mathieu Van Rijn, FAO*
- BREAK





Workshop Day 1, 1st December 2020



**Moderation: Richard Smithers & Marianna Budaragina,
Ricardo Energy Environment**
**Technical Support: Jessica Ball & Pier Andrea Pirani,
Creating Meaning/Euforic Services**

- Parallel Sessions on Data Collection, Part II
*Moderators + Mirella Salvatore, Alessandro Ferrera, Iordanis Tzamtzis,
Mathieu Van Rijn, FAO*
- Reporting back
Moderators
- Country Input from Japan
Atsuko Hayashi
- Closing Remarks
Mirella Salvatore, FAO
- Recap of Day I + Introduction of Day II
Moderators





Workshop Day 2, 3rd December 2020



**Moderation: Richard Smithers & Marianna Budaragina,
Ricardo Energy Environment**
**Technical Support: Jessica Ball & Pier Andrea Pirani,
Creating Meaning/Euforic Services**

- Technical Orientation
Technical Support
- Welcome Remarks
Fatima Zahra-Taibi, GSP
- Session Overview
Moderators
- Parallel Sessions – Institutional Arrangements
Moderators
*Mirella Salvatore, Alessandro Ferrera, Iordanis Tzamtzis,
Mathieu Van Rijn, FAO*
- Reporting Back
Moderators
- BREAK
- Tools - Marketplace
Co-Organizers
- Community Building
Technical Support
- MS Teams Platform
Simon Ryfisch, PATPA Secretariat
- Evaluation
Technical Support
- Next Steps + Closing Remarks
Kirstin Hücking, PATPA Secretariat





Toolbox

- **[NGHGI Templates of the US EPA](#)** ([Iordanis Tzamtzis](#), FAO)

US EPA developed easy-to-use National Inventory System Templates built on UNFCCC and IPCC guidance. Provides support with documentation of NGHGI & archiving, also reporting of NGHGI elements (inventory arrangements, methodologies & data, QA/QC)

- **[Network for Transparency in agriculture and land use sectors](#)**
([Mirella Salvatore](#), FAO)

Email-based discussion group for transparency practitioners

- **[FAO e-learning Academy National Greenhouse Gas Inventory](#)**
([Alessandro Ferrara](#), FAO)

2 lessons of 35-55 minutes. Curriculum assists with setting up sustainable MRV systems for AFOLU and responding to ETF requirements and recommendations for NGHGI, for example newly produced [e-learning „Preparing a greenhouse gas inventory under the Enhanced Transparency Framework“](#)

- **[Greenhouse Gas Abatement Cost Model GACMO](#)** ([Denis Desgain](#), UNEP DTU)

The Global Support Programme has some budget available to provide training to countries in South Asia and South East Asia. Participants who need assistance for example with updating baselines or making projections may contact [Fatima-Zahra Taibi](#)

- **[PATPA Climate Helpdesk](#)** ([Kirstin Huecking](#), PATPA)

Ad hoc, rapid and short-term technical assistance on transparency. Areas of support include: Review of GHG inventories for specific sectors; establishing sustainable and robust transparency systems, including appropriate institutional arrangements; preparation for BUR submission

- **[Next steps under the Paris Agreement and the Katowice Climate Package](#)**
([Kirstin Huecking](#), PATPA)

Guide with foundational information for policy makers on NDCs and the Enhanced Transparency Framework

- **[MRV Platform for Agriculture](#)**

Platform with case studies and resources to support development of higher tier GHG inventories relevant for those working on agriculture GHG measurement and reporting

- **[Agriculture and Land Use National Greenhouse Gas Inventory Software ALU Software Programs](#)**

Useful tool for Agriculture and Land Use reporting with built in QA/QC procedures

- **[FAO Global Livestock Environmental Assessment Model \(GLEAM\)](#)**

Useful tool for livestock, particularly for running scenarios to test GHG impact of different mitigation practices or technologies within livestock sector. Also, useful to understand the interactions between different sources of emissions within livestock production systems.

- **[Global Research Alliance technical manuals](#)**

Technical manuals to provide guidance and advice to help achieve more robust field measurements (respiration chambers, SF₆, closed chamber, etc), for those interested in the science of measurement of methane and nitrous oxide emissions from livestock and soils and rice production

- **[MRV Handbook for a Greenhouse Gas Mitigation Project with Water Management in Irrigated Rice Paddies](#)**

- **[GreenFeed standard operating procedures](#)**

- **[Guidelines for Measuring CH₄ and N₂O Emissions from Rice Paddies by a Manually Operated Closed Chamber Method](#)**

- **[Guidelines for use of sulphur hexafluoride \(SF₆\) tracer technique to measure enteric methane emissions from ruminants](#)**

- **[Livestock research group technical manual: Respiration chamber designs](#)**