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**OTHER PROGRESS REPORTS**

**Progress Report of Working Group III**

(Submitted by the Co-Chairs of Working Group III)

## **OTHER PROGRESS REPORTS**

### Progress Report of Working Group III

#### **Overview**

IPCC-XL/Doc.19 presented to and agreed to by the 40<sup>th</sup> Session of the IPCC Plenary (IPCC-40) described progress in Working Group III's (WGIII's) contribution to the Fifth Assessment Report (AR5). This document provides an update since the Plenary Session, and highlights major achievements and planned activities through the end of January 2015. Specifically, the publication of the WGIII AR5 report, errata, synthesis report contribution, translation of summaries, and outreach activities are discussed.

#### **1. Summary**

Recent key activities have been:

- Contribution to the Synthesis Report (SYR) and participation in the SYR approval plenary.
- Preparation and publication of the WGIII contribution to AR5 as hardcopy
- E-launch of the WGIII AR5.
- Extensive outreach to increase knowledge of WGIII key findings in target audiences, including the Fourth Meeting of the Structured Expert Dialogue (SED4), a SBSTA-IPCC Special Event, and an IPCC-Side Event at COP20 in Lima, Peru.
- Conclusion of the Summary for Policymakers (SPM) errata processes.
- Contribution to the Potential Studies of the IPCC Process
- Contribution to Expert Meeting on food & agriculture.
- Preparation of the Expert Meeting on scenarios.
- Translation of the SPM, as well as the Technical Summary (TS) and Glossary into United Nations (UN) languages.

#### **2. WGIII AR5 Process**

##### **2.1 Publication of WGIII AR5**

Following the WGIII 12<sup>th</sup> Session (the approval plenary) in April 2014 in Berlin, Germany, the WGIII contribution to the AR5 underwent through copy-editing, quality control and desktop-publishing process. The report, including front matter, has 1451 pages. The files were passed on to Cambridge University Press for printing in November 2014. Distribution to policymakers and relevant target audiences started in February 2015.

On November 28, 2014, WGIII published the final desktop-published files of all chapters individually as well as of the full report with an e-launch on [mitigation2014.org](http://mitigation2014.org). Between October 27 and the end of January 2015, the site was viewed by nearly 24,000 visitors from 190 countries (see 5.1.1 for more detail). Concurrently, responding to many requests, high-resolution files as well as vector files of all figures have been made available.

The final version of the SPM as a standalone document was printed by the IPCC Secretariat in November 2014, ahead of COP20 in Lima, Peru.

In January 2015, the printed report was prepared for distribution, and shipment to decision makers and scientists worldwide ensued in February 2015.

## **2.2 Translation**

Translations of the WGIII AR5 summary volume, including SPM, Technical Summary and Glossary from English into the other five languages of the UN are currently being prepared by the WMO Language, Conference and Publishing Services Department.

The Technical Support Unit (TSU) has been also informed about additional IPCC member countries' efforts to translate the SPM into their respective native languages (e.g. Finnish and German).

## **2.3 Contribution to Synthesis Report**

WGIII was actively involved in the development of the AR5 Synthesis Report and the plenary session to approve the report in Copenhagen, Denmark. The SYR core writing team includes ten authors, the three WGIII Co-Chairs and two member of the WGIII TSU. The extended writing team includes another nine members of WGIII. One WGIII author and one WGIII Bureau member served as Review Editors.

Further, the TSU of WGIII provided human resources to support the SYR TSU and the IPCC Secretariat in running the plenary session and helped in the subsequent publication process of copy-editing, quality control and desktop publishing.

## **3. Contribution to Meetings**

### **3.1 Expert Meeting on Potential Studies of the IPCC Process**

The expert meeting was held in January 28 – 29, 2015 in Geneva, Switzerland. The scientific steering committee for the meeting was composed of members of the IPCC Secretariat, selected Working Group's Co-Chairs and authors as well as leading experts in social sciences, chaired by WGIII Co-Chair Dr Youba Sokona, supported by members of the WGI, WGII and WGIII TSUs. In two-day meeting, a series of expert talks were presented in four sessions on (1) Why study science processes, and how?; (2) Legal and administrative aspects; (3) The IPCC process and information; and (4) concerns, challenges, and opportunities. Each session followed by an informative panel discussion.

AR5 Coordinating Lead Author, Dr Yacob Mulugetta presented WGIII authors' perspective at the meeting. In day 2 of the meeting, two Breakout sessions were held in parallel to discuss and draft guidelines and recommendations for the Panel. The first Breakout Session was on "Guidelines covering author and studier requirements in Studies of IPCC assessment and consensus-building processes" and the second Breakout Session was on "Guidelines regarding studies requiring access to information and data held by the IPCC, including the Secretariat, the Technical Support Units, author home institutions, and national focal points".

In the afternoon of the second day, under leadership of WGIII Co-Chair Dr Youba Sokona, a set of recommendations were discussed and agreed upon by the participants to be presented to the IPCC 41<sup>st</sup> Panel on (1) decision pathway for consideration of requests from researchers for access to non-public IPCC materials or meetings; (2) information required when submitting a request to study IPCC processes; (3) evaluation criteria for such requests; and (4) development of a document and information management and conservation policy, which would apply to IPCC bodies and TSUs. The Scientific Steering Committee also agreed to prepare an initial draft of the longer meeting report with support of the TSUs to be distributed to the Panel ahead of the IPCC 41<sup>st</sup> Session, with the final meeting report to be published by the IPCC Secretariat later in spring 2015.

### **3.2 Expert Meeting on Climate Change, Food and Agriculture**

The expert meeting, to be held in April/May/June 2015 in Dublin, Ireland, is developed by the planning committee under the leadership of WGII Co-Chair Dr Chris Field. The planning committee is composed of members of the IPCC Secretariat and the IPCC Bureau and supported by members of the WGI, WGII and WGIII TSUs. The expertise in the planning committee is expanded by the addition of 2-3 authors from each Working Group, who will support in the scientific development of the meeting agenda and the selection of participants for the meeting. For WGIII, AR5 authors Pete Smith, Cheick Mbow and Alexander Popp have agreed to join the science committee.

With the Panel having approved the allocation of 20 Trust Fund supported participants, the total meeting size will be 40-60 participants, comprising IPCC authors and other experts. The planning committee is currently in the process of developing the meeting agenda and identifying experts from the relevant research communities to be invited.

### **3.3 Expert Meeting on Scenarios**

WGIII is facilitating the process of organizing the joint Expert Meeting on Scenarios. The meeting will be held May 18-20, 2015, at the International Institute for Applied Systems Analysis (IIASA), Austria. After the completion of the 5th Assessment Report, and reflecting the new division of labor in the scenario development, this meeting aims facilitate a dialogue between the relevant research communities and the IPCC. It intends to critically take stock of challenges and achievements during the process and derive lessons learned for the future, to share available scenario information across scientific communities, and to discuss the possible role of scenarios in future IPCC products. A Scientific Steering Committee (SSC) has been formed with members from all three Working Groups. Currently the SSC is developing the meeting agenda and a proposal for an invitation list in close cooperation with the Chairman of the IPCC with great sensitivity for issues of the appropriate scientific expertise as well as regional and gender balance. A comprehensive reporting of progress is provided in a separate document.

## **4. Summary for Policymakers Errata**

Following closure of the first errata process, two errors claims were reported by the Government of Brazil and the Government of Japan to the IPCC Secretariat in May 2014. Following the IPCC Error Protocol, proposed errata statements have been constructed in consultation with the Coordinating Lead Authors of the relevant chapters and submitted to the WGIII Bureau for approval. The errata statement in response to the error claim of Japan was subsequently submitted to the Panel and approved at the 40<sup>th</sup> Session of the IPCC in Copenhagen, in October 2014.

After the 40<sup>th</sup> Session of the IPCC in Copenhagen, a new error in Figure SPM.4 was identified by WGIII authors during the finalization of the print version of the synthesis report. In consultation with the relevant authors, a proposed erratum statement was constructed and subsequently approved by the WGIII Bureau. Following the approval of a rapid response procedure by the Panel, the IPCC Executive Committee (ExCom) approved the case on 19 January 2015 and the case was closed.

## **5. Outreach**

For communication and outreach on WGIII AR5, the WGIII Co-Chairs and TSU have implemented the IPCC Communication Strategy and have carried out activities as planned in consultation with the WGIII Bureau and the IPCC Secretary and Senior Communication Manager. This includes the development of communications materials, a dedicated website and setting up outreach events.

## 5.1 Communications materials

### 5.1.1 Report website

The WGIII AR5 microsite [www.mitigation2014.org](http://www.mitigation2014.org) is continuously updated and remains the main communication channel of the report and outreach events. On November 28, in time for the Conference of Parties in Lima, Working Group III officially published the final typeset, camera-ready files online with an e-launch. Users may not only download every part of the book (front matter, summaries, chapters, annexes, and index) separately, but also have access to one full file with the entire report. Further, responding to many requests, WGIII has made all figures available in high-definition format.

Between the end of October 2014 and the end of January 2015, the SPM was downloaded over 3.500 times and the full report over 900 times. In the three weeks following the e-launch alone, the SPM was downloaded 750 times, and the full report was downloaded 393 times. WGIII AR5 files can also be accessed via the [ipcc.ch](http://ipcc.ch) site, adding to the visits and retrieval numbers. During the same time, the SPM had been downloaded another 4951 times and the full report an additional 3217 times via the IPCC-site. Report files (including drafts) have been downloaded well over 100.000 times via [mitigation2014.org](http://mitigation2014.org) since its launch in April. The website also features a search tool for all comments submitted by government and expert reviewers for the Final Draft as well as the writing team responses.

### 5.1.2 Print products

For the purposes of outreach at COP19, a special brochure containing the WGIII AR5 Summary for Policymakers was produced. With the other Working Groups' reports, the WGIII contribution to AR5 was made available to policymakers at the COP20 in Lima, Peru, on USB sticks.

As was done for previous reports, a Summary Volume containing the Summary for Policymakers, Technical Summary and Glossary of the WGIII AR5 is being produced. It is currently being translated into the UN languages and printed copies will be available from the IPCC Secretariat.

## 5.2 WGIII outreach events

WGIII Co-Chairs and authors presented the WGIII contribution to the AR5 at a number of dedicated national and regional events and diverse conferences, workshops and meetings.

### Sep 02, 2014, Hamburg, Germany: **Klimawandel und Klimaschutz: zwischen globaler Transformation und nationalen Herausforderungen**

Irrwege und Auswege der Klimakrise - Podiumsdiskussion mit Bundesumweltministerin Hendricks in den Hamburger Mozartsälen

WGIII Presenter: Ottmar Edenhofer, WGIII Co-Chair

### Sep 04, 2014, Bern, Switzerland: **The Swiss Energy and Climate Summit**

WGIII Presenter: Youba Sokona, WGIII Co-Chair

### Sep 08, 2014, Tokyo, Japan: **AR5 WGIII Outreach Symposium**

New findings on "Mitigation of Climate Change" in the IPCC AR5 WGIII report and efforts in Japan

WGIII Presenter: Ottmar Edenhofer, WGIII Co-Chair

### Sep 9, 2014, Edinburgh, UK: **14th European Lead Battery Conference**

The 14th European Lead Battery Conference (14ELBC), organised by the International Lead Association (ILA)

WGIII Presenter: Julian Allwood, Lead Author Chapter 10 'Industry'

Sep 25, 2014, Brussels, Belgium: **Final Conference of the LIMITS Project**  
Key Insights from Climate Change 2014 - Mitigation of Climate Change: Co-benefits - Aligning Domestic and Global Perspectives on Climate Change Mitigation  
WGIII Presenter: Ottmar Edenhofer, WGIII Co-Chair

Oct 06, 2014, Dublin, Ireland: **EPA Climate Change Lecture: IPCC AR5 Mitigation of Climate Change**

Mansion House, Dawson Street, Dublin, Ireland  
WGIII Presenter: Ottmar Edenhofer, Co-Chair IPCC WGIII

Oct 15, 2014, Havana, Cuba: **National Seminar on Climate Change for Policymakers**, organized by the Ministry of Science, Technology and Environment of Cuba.  
WGIII Presenter: Ramón Pichs-Madruga. Co-Chair IPCC WGIII

Oct 16, 2014, Berlin, Germany: **CRC 1026 – Macroeconomic Sustainability Assessment (A4), MGK Round Lecture**

What can we learn from the IPCC? - Research and Solutions  
WGIII Presenter: Ottmar Edenhofer, Co-Chair IPCC WGIII

Oct 17, 2014, Gothenburg, Sweden: **Climate Conference: Beyond IPCC – Future Paths for Climate Research**

Malmstenvåningen, Swedish Energy Agency, Mistra Indigo and the Department of Economics, School of Business Economics and Law, University of Gothenburg  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Oct 20, 2014, Berlin, Germany: **Was kostet es, die Welt zu retten?**

Hochschule für Wirtschaft und Recht Berlin  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 02, 2014, Copenhagen, Denmark: **AR5 SYR Launch**

Release of the IPCC Synthesis Report (SYR) at a press conference in Copenhagen on 2 November at the Tivoli Congress Center in Copenhagen  
WGIII Presenters: Working Group III Co-Chairs and Core Writing Team members

Nov 03, 2014, Berlin, Germany: **Der Bericht des Weltklimarats IPCC und die Folgen für die deutsche und internationale Klimapolitik**

Ministerial press conference on the launch of the IPCC Synthesis Report  
Bundespressekonferenz, Berlin  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 05, 2014, Zurich, Switzerland: **ETH Klimarunde 2014**

Innovationen fürs Klima“: Was braucht es, damit wir handeln können?  
ETH Zurich  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 05, 2014, Amsterdam, Netherlands: **Seventh International Symposium on Non-CO<sub>2</sub> Greenhouse Gases (NCGG7)**

WGIII Presenter: Suzana Kahn Ribeiro - Working Group III, Vice-Chair

Nov 07, 2014, Berlin, Germany: **Pre-COP Workshop for journalists**

WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 10, 2014, Berlin, Germany: **Dialogveranstaltung Klimaschutz**  
Was kostet es, die Welt zu retten? - Der Klimawandel als Herausforderung für Wissenschaft und Politik  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 13, 2014, Berlin, Germany: **Accelerating towards the 2015 deal - Pre-Briefing for the 20th UN climate conference in the German Ministry of Foreign Affairs**  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 13, 2014, Munich, Germany: **European Energy Policy Conference**  
European Energy Policy in a Changing Global Market  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 13, 2014, Havana, Cuba: **Panel on Climate Change**, organized by the Cuban Association of the United Nations.  
WGIII Presenter: Ramón Pichs-Madruga. Co-Chair IPCC WGIII

Nov 17, 2014, College Park, USA: **7th IAMC Meeting**  
IA Models and WGIII: Lessons from IPCC AR5, University of Maryland  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 19, 2014, Berlin, Germany: **High-Level Pledging Conference, Green Climate Fund**  
BMUB  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Nov 27, 2014, Cagliari, Italy: **Fighting Climate Change: the role of CCS technologies**  
WGIII Presenter: Volker Krey - Coordinating Lead Author, Working Group III

Dec 02, 2014, Lima, Peru: **The Fourth Meeting of the Structured Expert Dialogue (SED4)**  
WGIII Presenters: Ottmar Edenhofer and Ramón Pichs-Madruga - Working Group III, Co-Chairs

Dec 02, 2014, Lima, Peru: **SBSTA-IPCC Special Event**  
WGIII Presenters: Ottmar Edenhofer, Ramón Pichs-Madruga - Working Group III, Co-Chairs

Dec 08, 2014, Lima, Peru: IPCC Peru Outreach Event at University of San Marcos  
WGIII Presenter: Youba Sokona – Working Group III, Co-Chair

Dec 03, 2014, Lima, Peru: **IPCC-Side Event at COP20**  
The IPCC Fifth Assessment Report: A User's Perspective  
WGIII Presenter: Ottmar Edenhofer - Working Group III, Co-Chair

Dec 11, 2014, Havana, Cuba: **Conference on the Science of Climate Change**, organized by the Faculty of Physics, University of Havana.  
WGIII Presenter: Ramón Pichs-Madruga. Co-Chair IPCC WGIII

Jan 14, 2015, Jülich, Germany: **Mitigation of Climate Change: Key Insights from the AR5**  
Lecture at Forschungszentrum Jülich  
WGIII Presenter: Ottmar Edenhofer, WGIII Co-Chair

Feb 18, 2015, Berlin, Germany: 10 Jahre Kyoto-Protokoll 2° C – Was ist beim Klimaschutz noch erreichbar?  
Lecture and discussion  
Berlin-Brandenburgische Akademie der Wissenschaften  
WGIII Presenter: Jan Minx Head of TSU