

**UNITED NATIONS FRAMEWORK
CONVENTION ON CLIMATE
CHANGE (UNFCCC)
COP 15 COP/MOP 5**

**BELLA CENTRE, COPENHAGEN, DENMARK
7-18 DECEMBER 2009**

MALAYSIAN PALM OIL BOARD (MPOB)
MINISTRY OF PLANTATION INDUSTRIES AND COMMODITIES, MALAYSIA
Website: <http://mpob.gov.my>

Proceedings of meeting

Six official meetings in Copenhagen:

- i. Fifteenth session - Conference of the Parties to the UNFCCC (COP15)**
- ii. Fifth session - Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol (CMP 5)**
- iii. Thirty-first session - Subsidiary Body for Scientific and Technological Advice (SBSTA)**
- iv. Thirty-first session - Subsidiary Body for Implementation (SBI)**
- v. Eighth session - Ad Hoc Working Group on Long-term Cooperative Action under the Convention (AWG-LCA)**
- vi. Tenth session - Ad Hoc Working Group on Further Commitments for Annex 1 Parties under the Kyoto Protocol (AWG-KP)**

Other Meetings:

- i. The Meeting for Group 77 and China**
- ii. Daily evening debriefing session among Malaysian delegation**
- iii. Dinner with the PM of Malaysia**
Dr Chan Kook Weng from MPOB was privileged to be part of the team of 6 Malaysians to strengthen the technical aspects of PM's statement for High-Level Segment.



MPOB Participation:

- **CMP – CDM**
- **AWG-KP – LULUF, GHG Inventory and calculation, CCS**
- **SBSTA – REDD, Methodologies and definition issues**
- **Side events that provide information relating to the above issues**

- **Exhibition**
 - **mitigation, adaptation, technology transfer, policy, financial mechanism, REDD framework, CDM, indigenous community, capacity-building, social-economic, woman right, emission reduction target, energy efficiency, wind and solar energy, CCS**

The side events covered by MPOB delegation:

- **Renewable Energy**
 - **Transport**
 - **Clean development Mechanism (CDM)**
 - **Plantation related issues**
 - **- REDD,**
 - **- Biodiversity,**
 - **- LULUCF,**
 - **- Forest management,**
 - **- Carbon sequestration,**
 - **- Peatland degradation**
 - **- Carbon stock / carbon sequestration**
 - **GHG Methodology/National Communication**
 - **Science-based climate change**

Dr Chan Kook Weng presented two Side Events:

- i. ISO/IETA on use of ISO standards to quantify the GHG emissions for emissions trading**

- i. ISO UNFCCC on use of ISO standards to develop an Management System Standard (MSS) for the measuring, reporting and verifying (MRV) of GHG emissions over the whole life cycle of the products and services in the supply chain.**

Outcome of COP 15:

No negative impact on palm oil.

No wild attack on oil palm/palm oil at the side events and exhibitions

World Growth Organization put up a side event defending oil palm

The side event on peatland degradation focused on degradation in Indonesia with little citation on Malaysia.

Some issues:

A one-page unfounded summary attacking the additionality of biogas capture CDM projects

Orangutan, biodiversity and deforestation were targeted by the media.

****Lobbying, networking and promotion activities over the year to provide scientific data on palm oil/oil palm must have been able to tackle some of these issues effectively.**

Conclusion:

- i. Mitigation - Developed and developing countries to play equitable and committed emissions reduction target based on historical or “global” responsibility?**
- ii. Adaptation – An effective mechanism for a combined financial, capacity building and technology transfer package is not there**
- iii. REDD - A mandate for several actions by Parties relating to capacity building, technology transfer, exploration and project assessment, monitoring, reporting and verification (MRVA) has been developed.**

- iv. LCA/shared vision - Annex 1 countries do not commit with ambitious deeper cuts, the range of T to stabilize the climate at 2°C or 1.5°C is undecided.**

- v. Global agreement - Parties only noted and not adopted the Copenhagen Conference Accord**
 - no legally binding of emissions deal for any country**
 - The negotiation text serves as a framework with additional negotiation being set after COP 15 probably in six months time at Bonn, Germany but the date remains unclear.**

Recommendations:

i. Promotion

Plan ahead for side event & exhibition at COP 16 in Mexico

ii. Clean Development Mechanism (CDM)

- Study the issue of additionality for biogas capture projects
- Validation of CDM Projects (DOE)
- Exploration and establishment of Programmatic (PoA)

CDM

- A practical framework to implement the potential climate change mitigation projects

iii. Soil Chemistry

- To study the effect of biochar on soil for oil palm cultivation
- Research to commence with scaling up of pyrolysis project
- LCA on pyrolysis of palm biomass

iv. Upstream issues

- Peatland restoration/rewetting/rehabilitation as CDM project
- REDD+
 - To brainstorm and report the outcome on the pros and cons of redefining oil palm as forest and its carbon sequestration for national carbon accounting which now expanded beyond the boundary of deforestation and forest degradation but into secondary forests, plantation crops and even planted forested in urban areas.
 - MRV standard with ISO/UNFCCC for quantifying GHG emissions throughout the supply chain is encouraged.

v. Renewable Energy (RE)

- Research on palm-derived bunker/aviation/maritime fuels
- Study the potential of hydrothermal decomposition of algae
- MPOB & Global Bioenergy Partnership (GBEP)
 - establishment of global framework on sustainability of biofuels.

vi. Technology Transfer and Deployment

- To conduct energy audit in palm oil processing industry - EE
- To use low carbon/green technologies for the industry

v. New Research Area

- Brainstorm, identify and conduct climate change research impacting the environment – cross-cutting research

Thank you

