

# Post Kyoto Protocol Negotiations

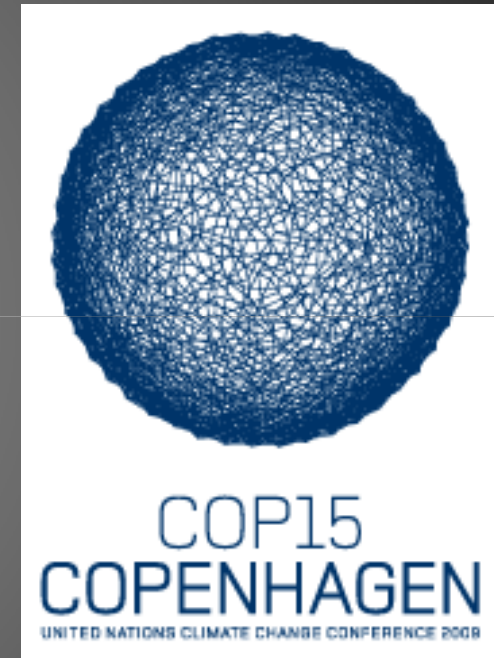
-Outcome of the Copenhagen Climate Change  
Conference 2009-

9 July 2010

Satoshi Iemoto

JICA Experts

What is your impression  
of the outcomes of  
Copenhagen Climate  
Change Conference?



# Success or Failure ?

**Copenhagen Accord**

Break-off negotiation

Agree to setup new operational rules by COP

Agree to setup new consolidated protocol for all countries

Adopt new consolidated new protocol

Political declaration at COP

Agree to setup new Protocol for US and China

Without Mandate of Bali Action Plan

# Media's report...

(News source: [http://unfccc.int/press/news\\_room/items/2768.php?topic=all](http://unfccc.int/press/news_room/items/2768.php?topic=all))

The screenshot shows the BBC News website interface. At the top, the BBC logo is on the left, followed by 'Low graphics' and 'Help' links. A search bar and a 'Search' button are in the center, and an orange button labeled 'Explore the BE' is on the right. Below this is a red banner with the word 'NEWS' in large white letters. To the right of 'NEWS' is a 'Watch ONE-MINUTE WORLD NEWS' button. A globe graphic is partially visible on the far right.

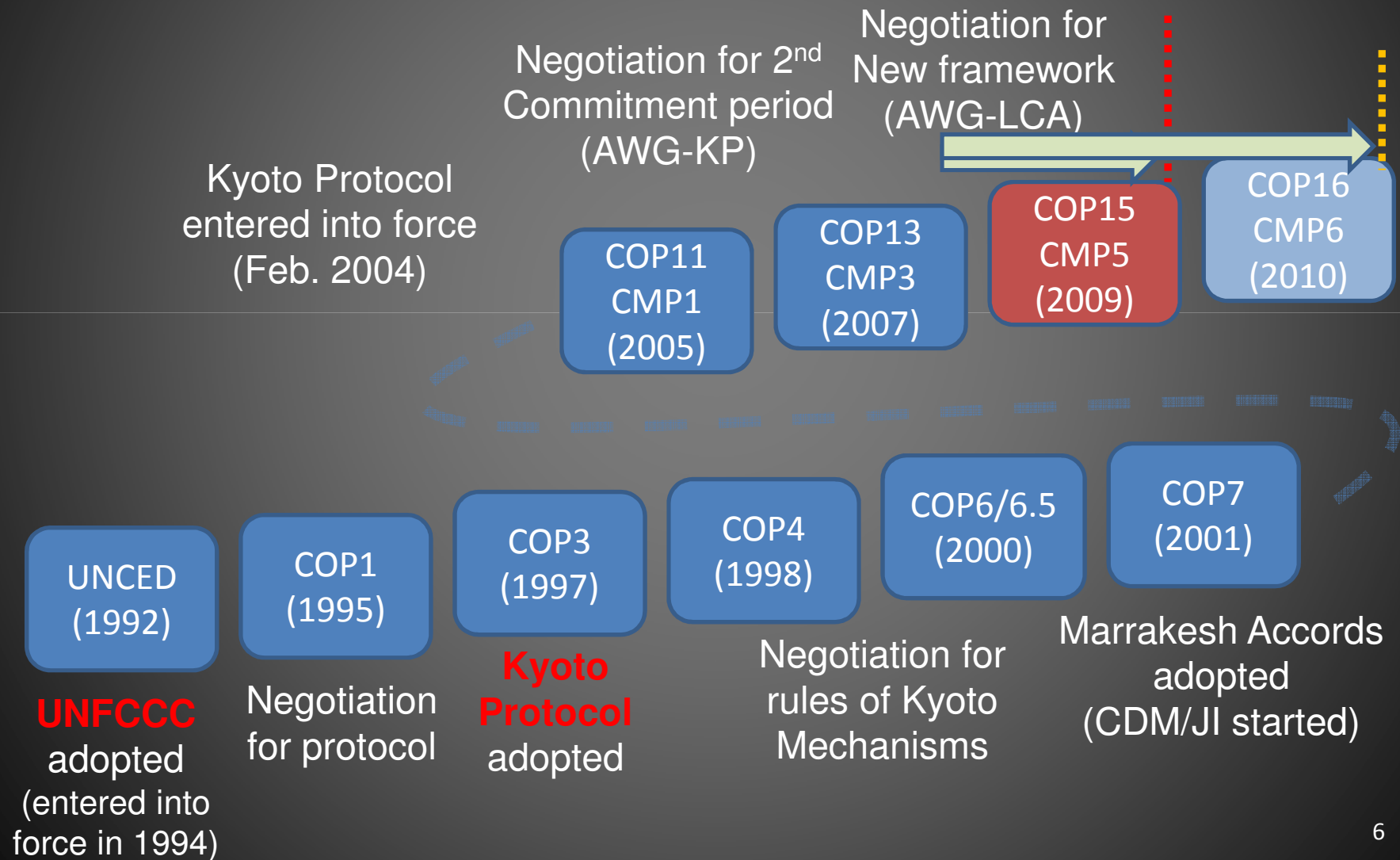
Below the banner, the page is divided into a left sidebar and a main content area. The sidebar, titled 'News Front Page', contains a world map icon and a list of regional and topical links: Africa, Americas, Asia-Pacific, Europe, Middle East, South Asia, UK, Business, Health, Science & Environment (highlighted in dark grey), Technology, Entertainment, Also in the news, Video and Audio, Programmes, and Have Your Say.

The main content area features a timestamp: 'Page last updated at 11:42 GMT, Friday, 18 December 2009'. Below this are links for 'E-mail this to a friend' and 'Printable version'. The main headline is 'Doubts over Copenhagen summit's last day'. The sub-headline reads: 'Leaders have gathered for the final scheduled day of the UN climate summit, amid uncertainty over the shape of any eventual deal.' The article text begins: 'A draft political agreement drawn up by a small group of countries including the UK, US and Australia was rejected during overnight discussions. Delegates described the situation as "confusing" and "desperate". US President Barack Obama told the conference he had come to the summit "not to talk but to act". Addressing delegates on Friday, he said: "While the science of climate change is not in doubt, I think our ability to take collective action is in doubt right now, and it hangs in the balance."' To the right of the text is a photograph of Barack Obama in a dark coat, looking thoughtful. The photo is credited to 'AFP'. Below the photo is a caption: 'US President Barack Obama has arrived for the leaders' session'. On the far right, there is a yellow banner with the text 'A world le' and a red button at the bottom labeled 'COPENHAG'.

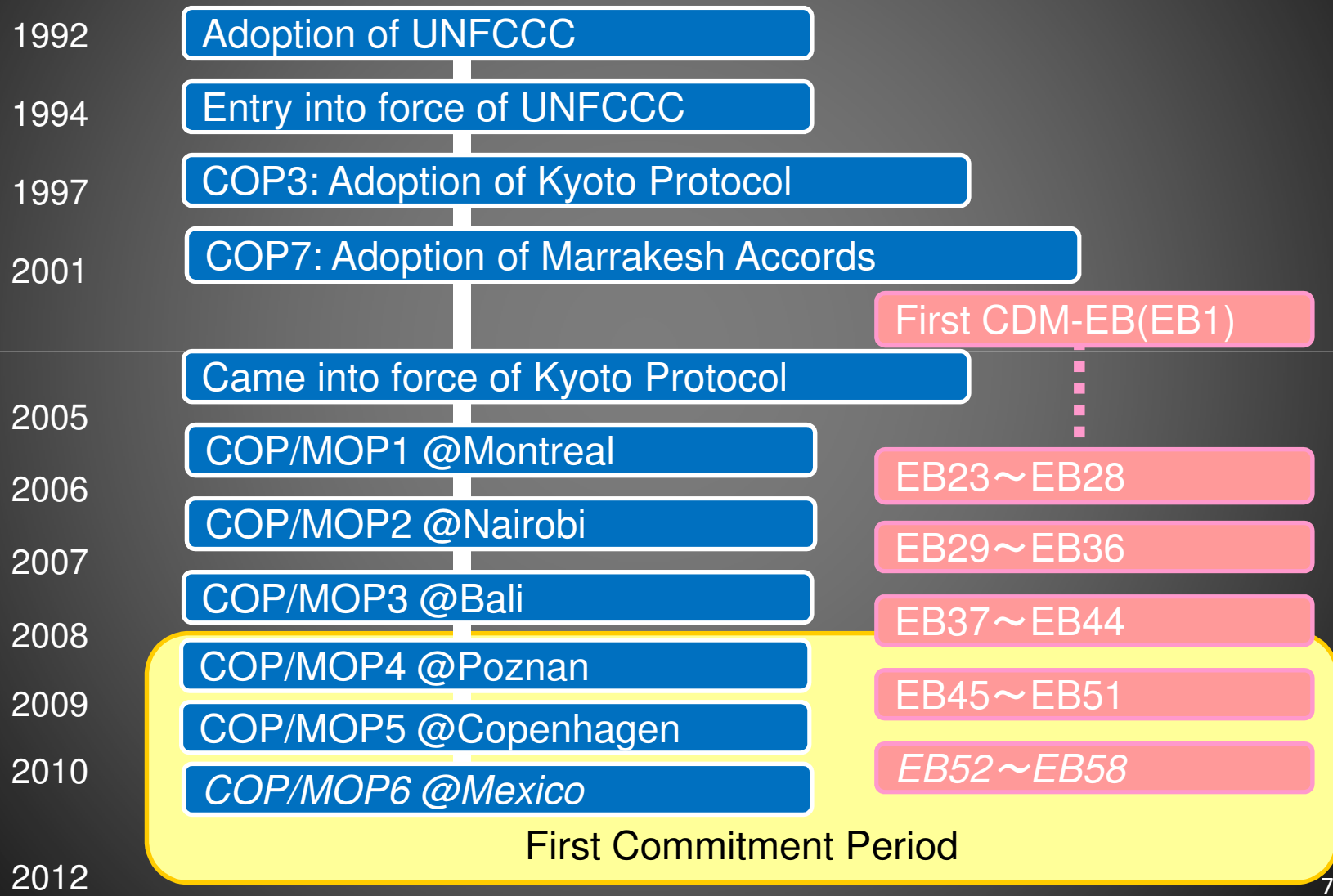
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# Brief history of Climate Change Negotiations



# Brief history of Climate Change Negotiations



# Recent meetings of Climate Change Negotiations

(Dec. 2008 – Dec. 2010)

2008	2009					2010				
Dec.	Apr.	Jun.	Sep.	Nov.	Dec.	Apr.	Jun.	Aug.	Oct.	Dec.
Poznan, Poland	Bonn, Germany	Bonn, Germany	Bangkok, Thailand	Barcelona, Spain	Copenhagen, Denmark	Bonn, Germany	Bonn, Germany	Bonn, Germany	(TBD), China	Cancun, Mexico
COP14					COP15					COP16
CMP4					CMP5					CMP6
SB29		SB30			SB31		SB32			SB33
AWG-KP6	AWG-KP7	AWG-KP8	AWG-KP9		AWG-KP10	AWG-KP11	AWG-KP12	AWG-KP13	AWG-KP14	AWG-KP15
AWG-LCA4	AWG-LCA5	AWG-LCA6	AWG-LCA7		AWG-LCA8	AWG-LCA9	AWG-LCA10	AWG-LCA11	AWG-LCA12	AWG-LCA13

SB: UNFCCC subsidiary bodies (SBSTA (for Scientific and Technological Advice) and SBI (for Implementation))

AWG-KP: Ad Hoc Working Group on Further Commitments for Annex I Parties to the Kyoto Protocol

AWG-LCA: Ad Hoc Working Group on Long-term Cooperative Actions under the Convention



# Discussion of CDM issues at CMP

- CMP1 (Montreal, Canada, Dec. 2005)
  - Facilitate initiative of “Future CDM” (promote EE/RE project)
  - Review of definition of SSC project (Expand the applicability condition)
  - Agreed on guiding principle of CCS (CCS is feasible as CDM project (detail procedures are under discussion))
  - Adopt the eligibility guidance of Programmatic CDM (policy or standard cannot be considered as a CDM project)
  - Enhancement of EB and Secretariat

# Discussion of CDM issues at CMP

- CMP2 (Nairobi, Kenya, Nov. 2006)
  - Facilitate initiative of “Future CDM”
  - Agreed on discussion schedule of CCS guidance (guidance will adopt at CMP4)
  - Improvements of regional distribution of CDM projects
  - “Nairobi Framework” adopted (Assist to LDCs by relevant UN organs)
  - 3 months extension for application of Retroactive credit (the end of Dec.2006 -> Mar.2007)
  - Request EB to arrange the sort of guidance of PoA (Guidance and PDD format)

# Discussion of CDM issues at CMP

- CMP3 (Bali, Indonesia, Dec. 2007)
  - Facilitate initiative of “Future CDM”
  - Bali Roadmap” adopted (agreed on the negotiation schedule for next commitment period)
  - Assistance to developing countries: Agreed on establish the Adaptation Fund Board (Secretariat: GEF, Trustee: WB)
  - Change the upper limit of SSC project (6ktCO<sub>2</sub> -> 12ktCO<sub>2</sub>)
  - Exempt of fees (e.g. registration fee) for CDM project at LDCs

# Discussion of CDM issues at CMP

- CMP4 (Poznan, Poland, Dec. 2008)
  - Governance, Accreditation, Regional Distribution
  - Discussion on improvement of Kyoto Mechanisms on next commitment period (after 2013)
- Chairperson's guidance (draft idea) includes;
  - ✓ Right and wrong of scope/subject expansion of project
  - ✓ Introduce sectoral credit mechanisms
  - ✓ Credit issuances based on Party's emission reduction activities
  - ✓ Accredited Co-benefit aspects as registration criteria
  - ✓ Emission Trading Scheme based on sectoral target
- Invite parties to submit improvement of draft ideas

# Discussion of CDM issues at CMP

- CMP5 (Copenhagen, Denmark, Dec. 2009)

- Agendas for current commitment period (-2012)

- Expand scopes of CDM
- Governance
- Regional Distribution
- Relationship with National policy (E+/E-)

## (Outcomes)

- ✓ Strengthen financial support to less than 10 project country
- ✓ Simplified methodologies
- ✓ Set up appeal process
- ✓ Develop guidance on E+/E- policy

# Discussion of CDM issues at CMP

- CMP5 (Copenhagen, Denmark, Dec. 2009)
  - Agendas for next commitment period (2013-)
    - Expand scopes of CDM (incl. Nuclear, CCS, etc.)
    - Change rules and procedures
    - New market mechanisms

## (Outcomes)

- ✓ No decisions above issue (still remain “options”)

# Expected outcomes

- From Annex I countries:
  - ✓ New Protocol will be adopted (Kyoto Protocol will be terminated)
  - ✓ Comprehensive Agreement incl. US and China
  - ✓ Obligation to NAI countries as well AI
- From Non-Annex I countries:
  - ✓ Keep the framework “Bali Action Plan + Kyoto Protocol” (= AI keeps their obligation)

# Post 2012 Target

- Kyoto Protocol (Article 3.9)
  - ✓ No expiring of the Kyoto Protocol
  - ✓ Prerequisite: 2<sup>nd</sup> commitment period will continue after 2012
- CMP1 (Montreal)
  - ✓ No blank period between 1<sup>st</sup> (2008-12) and 2<sup>nd</sup> (2013-??) commitment period
- CMP3 (Bali Action Plan)
  - ✓ Negotiation will be concluded the end of 2009 (CMP5)



# Bali Action Plan (Mandate for LCA)

- Bali Action Plan (1/CP.13)
  1. *Decides to launch a comprehensive process* to enable the full, effective and sustained implementation of the Convention through long-term cooperative action, now, up to and beyond 2012, in order to reach an *agreed outcome* and *adopt a decision at its fifteenth session*, by addressing, inter alia:
    - (a) A shared vision for long term cooperative action, including a long-term global goal for emission reductions,...
    - (b) Enhanced national/international action on mitigation of climate change, including, inter alia, consideration of:
      - (ii) *Nationally appropriate mitigation actions* by developing country Parties, in the context of sustainable development, supported and enabled technology, financing and capacity-building , in a *measurable, reportable and verifiable* manner;
  2. *Decides that process be conducting...(skip)...AWG-LCA under the convention, that shall complete its work in 2009* and present the outcome of its work to the Conference of the Parties for adoption at its fifteenth session;

# Voluntary Target for Copenhagen Conference

## <Developed Countries (Annex I)>

Country	Target (2020)	Base Year	Flex Mechanisms
Australia	-5~-25%	2000	Market M, LUCF
Canada	-20%	2006	LUCF: 2%
EU-27	-20~-30%	1990	Market M
Iceland	-15%	1990	LUCF
Japan	-25%	1990	Market M, LUCF
NZ	-10~-20%	1990	Market M, LUCF
Norway	-20~-40%	1990	Market M, LUCF
Russia	-20~-25%	1990	?
Swiss	-20~-30%	1990	Market M, LUCF
Ukraine	-20%	1990	Market M
USA	-17%	2005	Market M
<b>Total</b>	<b>-12~-17%</b>	<b>1990</b>	

## <Developing Countries (Non-Annex I)>

Country	Target	Ref. Year	Remarks
Brazil	-36~-39%	2020	BAU
China	-40~-45%	2005	Basic unit of CO2 (2020)
India	-20~-25%	2005	Basic unit of CO2 (2020)
Indonesia	-26~-41%	2020	BAU, LUCF (Max: incl. Int'l assistance)
Maldives	Zero emission	2019	Net (incl. Carbon sinks)
Mexico	-5%	2020	BAU
Rep. Korea	-4%	2005	Absolute Amount (-30%/BAU)
Singapore	-16%	2020	BAU
S. Africa	-34%	2020	BAU w/int'l financial support


# Confused conference management



I am a delegate!  
I need to participate  
the session. Open  
the gate, please.

Don't push me!  
You are not allowed to  
go inside the room!!  
Don't ask me

How to proceed the  
conference without  
participation???



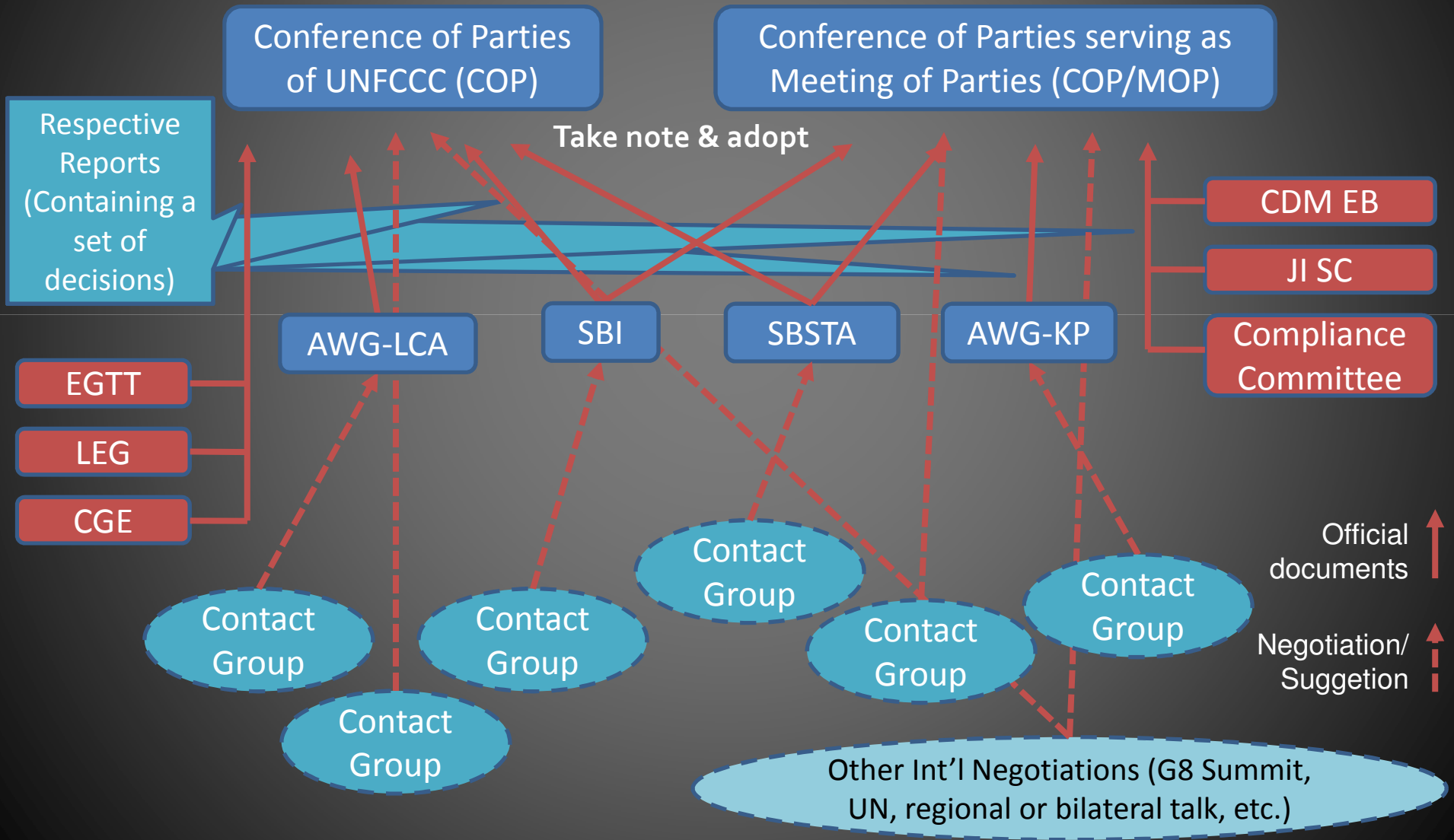
In the 2<sup>nd</sup> week of COP15,  
Media person also lock out  
the conference venue.  
(Security reason)  
Indian TV crews reported  
from the platform of  
subway station.



At the AWG-LCA plenary session at 1 am, midnight

# Decision-making process UNFCCC

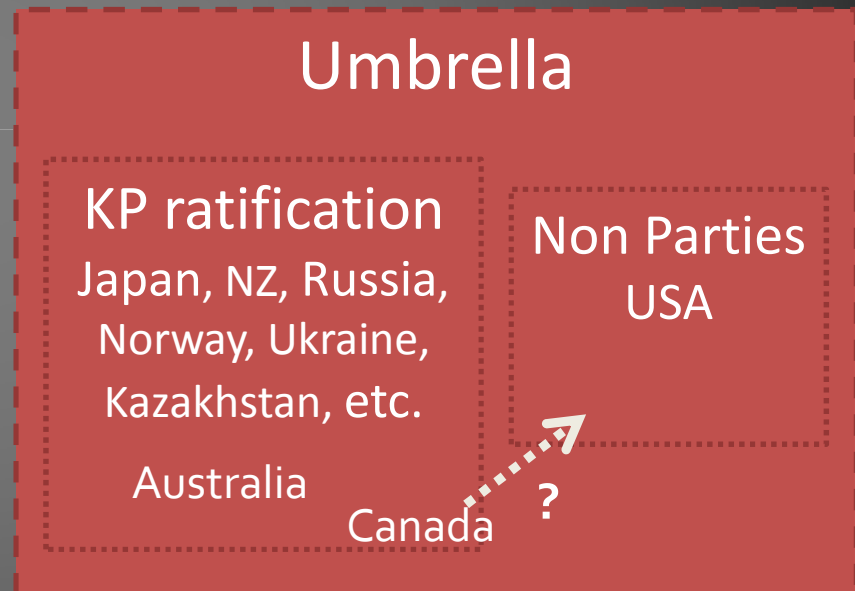
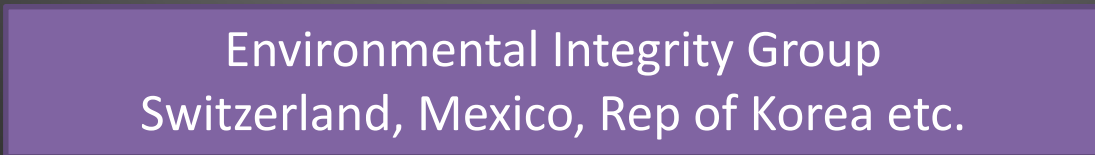
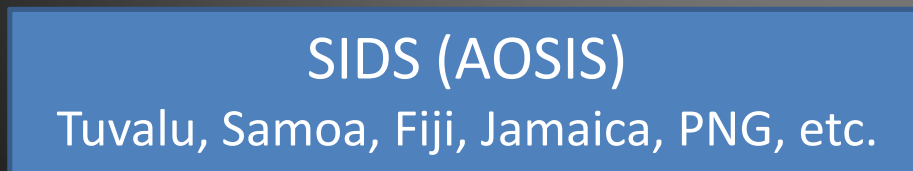
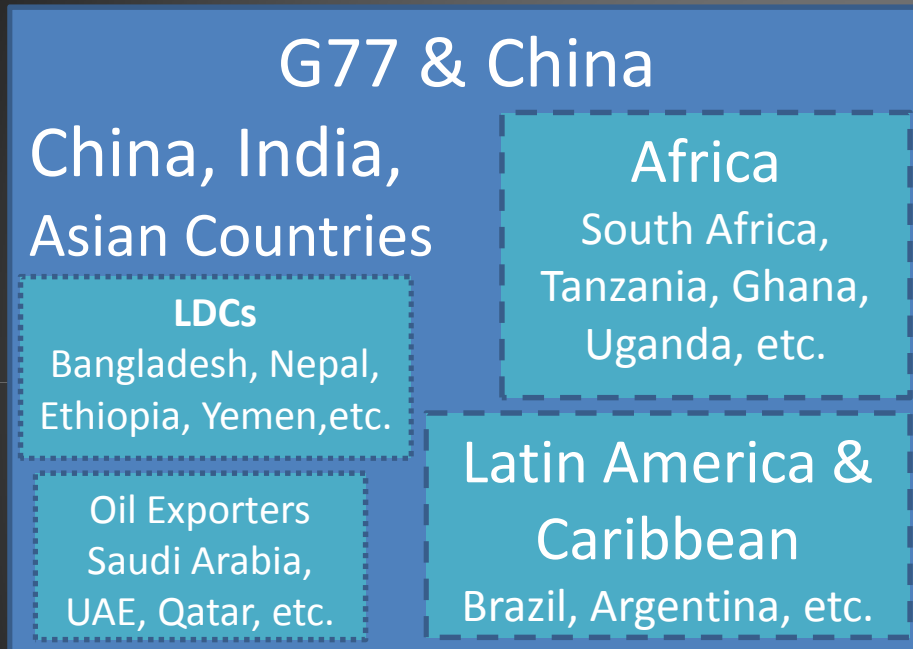
Friends of Chair (25 head of countries)  
Drafted Copenhagen Accord



# Negotiation Blocs

Non Annex I

Annex I



\* Depending on Issues, Countries changes their groups.

# Outcomes of Copenhagen CC Conference

- Copenhagen Accord drafted by Friends of the Chair (Head of 25 countries, incl. US, China, EU, Japan, Indonesia, Brazil, Ethiopia, etc.)
- “Take note” the Copenhagen Accord at the COP15 (not Adopt = couldn’t achieve as COP decision) <strong opposed by Sudan, Cuba, Venezuela, Bolivia, etc.>
- AWG-KP and AWG-LCA will continue until Dec. 2010 at Mexico



# Copenhagen Accord

Advance unedited version

## Decision -/CP.15

The Conference of the Parties,

Takes note of the Copenhagen Accord of 18 December 2009.

## Copenhagen Accord

The Heads of State, Heads of Government, Ministers, and other heads of the following delegations present at the United Nations Climate Change Conference 2009 in Copenhagen: *[List of Parties]*

In pursuit of the ultimate objective of the Convention as stated in its Article 2,  
Being guided by the principles and provisions of the Convention,

Noting the results of work done by the two Ad hoc Working Groups,  
Endorsing decision x/CP.15 on the Ad hoc Working Group on Long-term

Cooperative Action and decision x/CMP.5 that requests the Ad hoc Working Group on Further Commitments of Annex I Parties under the Kyoto Protocol to continue its work,  
Have agreed on this Copenhagen Accord which is operational immediately.

1. We underline that climate change is one of the greatest challenges of our time. We emphasize our strong political will to urgently combat climate change in accordance with the principle of common but differentiated responsibilities and respective capabilities. To achieve the ultimate objective of the Convention to stabilize greenhouse gas concentration in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system, we shall, recognizing the scientific view that the increase in global temperature should be below 2 degrees Celsius, on the basis of equity and in the context of sustainable development, enhance our long-term cooperative action to combat climate change. We recognize the critical impacts of climate change and the potential impacts of response measures on countries particularly vulnerable to its adverse effects and stress the need to establish a comprehensive adaptation programme including international support.

2. We agree that deep cuts in global emissions are required according to science, and as documented by the IPCC Fourth Assessment Report with a view to reduce global emissions so as to hold the increase in global temperature below 2 degrees Celsius, and take action to meet this objective consistent with science and on the basis of equity. We should cooperate in achieving the peaking of global and national emissions as soon as possible, recognizing that the time frame for peaking will be longer in developing countries and bearing in mind that social and economic development and poverty eradication are the most overriding priorities of developing countries and that a low-emission development strategy is indispensable to sustainable development.

## APPENDIX I

### Quantified economy-wide emissions targets for 2020

Annex I Parties	Quantified economy-wide emissions targets for 2020	
	Emissions reduction in 2020	Base year

# Copenhagen Accord

- [Preamble] Operational immediately
- [Para.1] Strong political will to urgently combat climate change (w/common but differentiated responsibilities principle)
- [Para.1] Global temperature should be below 2 degrees Celsius
- [Para.2] Cooperate in achieving the peaking of global and national emissions as soon as possible
- [Para.3] Developed countries shall provide adequate, predictable and sustainable financial resources, technology and capacity-building

# Copenhagen Accord (cont.)

- [Para.4] Voluntary emission reduction targets for 2020 by Annex I (submit until 31 Jan. 2010)
- [Para.5] Voluntary mitigation actions by Non-Annex I (submit until 31 Jan. 2010)
- [Para.6] Immediate establishment of REDD-plus mechanisms
- [Para.7] Enhance cost-effectiveness, utilize market mechanisms

# Copenhagen Accord (cont.)

- [Para.8] New and additional funding to developing countries from developed countries
  - ✓ Agreed to pledge 30 bil USD / year (2010-12) for mitigation and adaptation (Funding for Adaptation: Prioritized for vulnerable countries, LDCs, SIDS and Africa)
  - ✓ Developed countries commit to a goal mobilizing jointly 100 bil USD / year by 2020
  - ✓ Funding flow through the Copenhagen Green Climate Fund
    - [Para.10] Copenhagen Green Climate Fund shall be established as an operating entity of the financial mechanism of the Convention

# Copenhagen Accord (cont.)

- [Para.11] Enhance action on Development and Transfer of Technology, Establish a Technology Mechanism
- [Para.12] Implementation review by 2015.
- [Para.12] Consider strengthening goal incl. 1.5 degree Celsius (--> Reflect strong opinion by AOSIS)

# New Crediting Schemes

- NAMA crediting
- Sectoral crediting
- REDD-plus

-> all decisions were not concluded at Copenhagen and to be discussed at Cancun, Mexico (CMP6)

# Pledge commitment under the Copenhagen Accord

- Target until 2012 (30 bil USD for 3 years<sub>(2010-12)</sub>)
  - Japan
    - Pledge agreement until COP15: 9.2 bil
    - (New) Additional pledge agreement: 1 bil
    - (New) Mobilize from private sector: 4 bil
  - EU: 10 bil USD (Decided at EU summit)
  - US and other AI: 5 bil USD
- Target on 2020 (100 bil USD/year)
  - Depends on commitment by US

# Analysis of outcomes of Copenhagen CC Conference

- High expectations from Annex I
- Annex I requested beyond the mandates of BAP to NAI
- Raised public & media concerns (high pressures from outside world)
- Too insist to establish the legal framework
- Negotiation managements were poor (by Gov't of Denmark)
- Insufficient trusteeship among Parties
- Exposed different opinions among NAI (AOSIS vs. Newly developing countries) etc.
- Developing countries got pledge commitment from AI



# Voluntary commitment actions

- Copenhagen Accord requested voluntary actions by AI and NAI
  - [Para.4] Voluntary emission reduction targets for 2020 by Annex I (submit until 31 Jan. 2010)
  - [Para.5] Voluntary mitigation actions by Non-Annex I (submit until 31 Jan. 2010)
- Sri Lanka is not yet submit the voluntary mitigation action plan

# List of commitment actions submission countries

Annex I (43 parties) (Percentage of emission reduction target in 2020)						
Australia (5%-15% or 25%)		EU	Ireland	EU	Netherlands	Iceland (30%)
Belarus (5-10%)			Greece		Austria	Japan (25%)
Canada (17%)			Spain		Poland	Kazakhstan (15%)
Croatia (5%)			France		Portugal	Liechtenstein (20%)
EU & 27 Member States (20/30%)			Italy		Romania	Monaco (30%)
EU	Belgium		Cyprus		Slovenia	New Zealand (20%)
	Bulgaria		Latvia		Slovakia	Norway (30-40%)
	Czech Rep		Lithuania		Finland	Russia (15-25%)
	Denmark		Luxembourg		Sweden	Switzerland (20/30%)
	Germany		Hungary		UK	Ukraine (20%)
	Estonia	Malta		USA (17%)		

# List of commitment actions submission countries

Non-Annex I (40 parties)			
Afghanistan	Congo	Israel	Peru
Antigua & Barbuda	Costa Rica	Jordan	Rep Korea
Armenia	Cote d'Ivoire	Madagascar	Moldova
Benin	Ethiopia	Maldives	San Marino
Bhutan	Eritrea	Marshall Islands	Sierra Leone
Botswana	Gabon	Mauritania	South Africa
Brazil	Georgia	Mexico	Macedonia
Cameroon	Ghana	Mongolia	Togo
Central African Rep	India	Morocco	Tunisia
China	Indonesia	PNG	San Marino

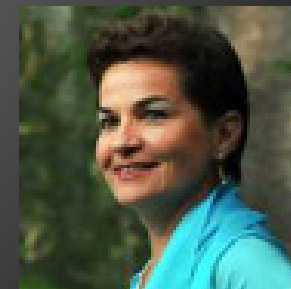
<Party's participation to the CA>  
98% of Annex I Parties  
26% of Non-Annex I Parties

# Current movements (after CMP5)

- Bolivia hosted int'l conference (April 2010)
  - ALBA countries trying to negotiate outside of UN process. (\*ALBA: Cuba, Ecuador, Venezuela, etc.)
- Germany and Mexico hosted informal ministerial meeting (May 2010)
  - 41 countries (AI and NAI) agreed to draft documents at CMP6 with reflection of CA.
  - Needed to consensus to set up 2<sup>nd</sup> Commitment period of KP (from NAI parties).

# Current movements (after CMP5)

- AWG-LCA13 & AWG-KP (June 2010)
  - LCA Chair issued Chair's text (based on the negotiation) for next session, but most of the NAI parties denied to discuss it.
  - KP requested secretariat to analyze the legal matter relating to the gap between KP and New framework.
- New UNFCCC Executive Secretary (Ms. Christina Figueres) (July 2010)





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## UN's Next Climate Chief Figueres Says Final Deal Unlikely in Her Lifetime

By Alex Morales - Jun 9, 2010



[Christiana Figueres](#), a Costa Rican who on July 8 will take the helm of the United Nations body that organizes global climate-change treaty talks, said an all-encompassing deal is unlikely to happen in her lifetime.

Governments must instead focus on making incremental efforts to end global warming because the response “is going to require the sustained effort of those who will be here for the next 20, 30, 40 years,” Figueres, 53, told reporters today in Bonn, where the latest two-week round of talks is taking place.

“I do not believe we will ever have a final agreement on climate change, certainly not in my lifetime,” Figueres said. “If we ever have a final, conclusive, all-answering agreement, then we will have solved this problem. I don’t think that’s in the cards.”

More than 190 nations are trying to reach a global deal to cut emissions from polluting industries such as power and cement after efforts to craft a treaty at a summit in Copenhagen in December failed amid recriminations among developed and developing countries. Figueres said she’s confident governments will meet the challenge, and Brazilian, Indian and European

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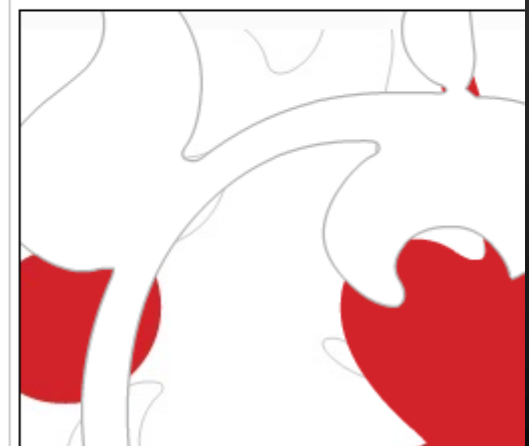
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