In the morning, the SBSTA dialogue on relevant research activities convened. In the morning and afternoon, the SBI in-session workshop on enhancing the engagement of observer organizations also took place. Throughout the day, informal consultations were held under the AWG-LCA on issues including shared vision, finance, technology, capacity building, review and various approaches, including markets. The AWG-KP contact group on item 3 (Annex I parties’ further commitments) met in the morning and afternoon. The opening plenaries of the SBI and SBSTA remained suspended throughout the day.

**SBI IN-SESSION WORKSHOP**

In the morning, SBI Chair Robert Owen-Jones (Australia) opened the SBI in-session workshop on enhancing the engagement of observer organizations. The workshop was facilitated by Andrew Ure (Australia).

The Secretariat presented on current practices, highlighting the fundamental value of observer engagement and describing how observer engagement has evolved over the last 16 years. She outlined multi-faceted modes of observer engagement and noted that heightened interest has increased participation. The Secretariat also cautioned that any improvements would have to be made without substantial budgetary requirements.

The EU highlighted ways to enhance global participation, including: improving access to documents; increasing observer participation in meetings, including informal meetings; and maximizing the added value that NGOs could provide to the negotiations.

The US presented on ensuring observer participation as the UNFCCC process to make efficient use of time, accessibility by civil society has to be ensured. Among possible enhancements, he mentioned: promoting informal interaction between observers and parties; opening informal groups addressing significant issues to observer participation; and increasing the use of workshops.

AUSTRALIA underscored the value of observer engagement in improving transparency and for developing an enhanced framework for measuring, reporting and verification (MRV) and provision of support to developing countries. She also identified the need to draw on the private sector and other observers in designing new institutions and mechanisms. AUSTRALIA recommended a platform for observers to report and comment on specific outcomes and a forum for observers to provide input to the COP high-level segments.

BINGOs recommended exploring how existing models for participation can be enhanced by new technologies and innovative approaches, such as online registration systems and a dedicated web page for each observer constituency.

On interventions, ENGOs noted the need for increasing ways of inviting views drawing on best practices from the Aarhus Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters. On NGO actions, she noted that the current criteria for resolving disputes are vague and proposed a committee to develop rules of procedure. INDIGENOUS PEOPLES suggested, among other proposals, abandoning closed-door meetings on issues that are relevant to indigenous peoples’ rights, such as finance, REDD+, adaptation and technology transfer.

LOCAL GOVERNMENT AND MUNICIPAL AUTHORITIES said local governments should be fully recognized, resourced, empowered and involved in the UNFCCC process, as local and sub-national action is key to achieving the global targets.

RINGOs proposed: greater transparency and openness in informal negotiations; enhanced dialogue between groups and constituencies; and extending the participation of civil society in the Transitional Committee for the Design of the Green Climate Fund to other UNFCCC mechanisms.

WOMEN AND GENDER NGOs suggested: a more transparent and accountable process; increasing resources for civil society capacity building, in particular under-represented groups; and more balanced interventions. YOUNGOs proposed open access to informal negotiations and enabling timely input by civil society in sessions.

In the ensuing discussion, Bangladesh, for the G-77/CHINA, supported increasing the inclusion of civil society in the negotiations and suggested exploring ways to enhance the involvement of civil society members from developing countries. SOUTH AFRICA said the suggestions for enhancing civil society participation should be reflected in a concrete proposal for further consideration. The INTERNATIONAL COUNCIL ON MINING AND METALS highlighted the need for partnerships and collaboration with stakeholders, by, *inter alia*, involving them in the implementation of actions. BINGOs
underscored the need to enhance participation of developing
country stakeholders, such as by building their capacity to
participate in the process.

Facilitator Ure summarized the discussions, noting that most
speakers had reinforced the value of observers to the process and
emphasized the need to enhance their participation.

In the afternoon, the SBI in-session workshop continued with
a focus on concrete proposals. Issues considered included online
participation and experiences from the First World People’s
Conference on Climate Change and the Rights of Mother Earth,
including the idea of a world referendum on climate change.

Participants also addressed the need to: increase participation
of civil society members from developing countries and
grassroots movements; address language barriers; ensure
continuity and create a regular process for consultations; and
change attitudes to the issue of opening informal meetings and
improving interaction with civil society.

Workshop participants also proposed: requesting submissions
on enhancing consultative channels with observer constituencies;
creating a participation fund for civil society; allowing observer
representatives to attend bureau meetings; ensuring active
participation by indigenous peoples, *inter alia*, by creating
associated bodies and mechanisms, such as an advisory body on
issues of direct relevance to indigenous peoples; and allowing
civil society representatives to interact with ministers during the
COP high-level segments.

Participants also stressed that information technologies cannot
replace direct interaction and underscored the importance of
informal “lobbying.” They noted that the suggested participation
trust fund would help to enhance balanced geographical
participation and that similar funds have been successfully
created under other processes. Participants also lamented the
requirement of registering civil society actions 48 hours in
advance, underlining the need for a process to address differing
views on the rules of procedure.

A webcast of the workshop is available at: <http://unfccc2.
meta-fusion.com/kongresse/110606_SB34/templ/ovw_onDemand.php?id_kongressmain=171>

**SBSTA DIALOGUE ON RELEVANT RESEARCH ACTIVITIES**

SBSTA Chair Mama Konaté (Mali) opened the SBSTA
dialogue on relevant research activities, noting that it provides
up-to-date scientific information to parties and enables them to
communicate their needs and priorities to the scientific
community. The dialogue consisted of sessions focusing on
recent scientific findings and activities, and on communicating
climate science and building research capacity.

Sergio Castellari, Italy, presented highlights from the SBSTA
workshop on the research dialogue (FCCC/SBSTA/2011/INF.6),
including that current emissions are at the high end of the
scenarios in the IPCC Fourth Assessment Report (AR4).

Guy Midgley, Earth System Science Partnership, indicated that:
greenhouse gas emissions are currently growing at an
annual rate of 5.6% rather than 3% as projected by the IPCC;
ecosystems and biodiversity absorb half of global atmospheric
carbon; efficiency of land sinks is declining by approximately
10%, projected to further decline with warmer temperatures; land
cover plays a significant role in regulating heat waves; and the
health co-benefits of reducing air pollution could counter the cost
of mitigation in some countries.

Drew Shindell, UNEP, summarized an assessment on black
carbon (BC) and tropospheric ozone. He promoted addressing
BC and methane in addition to carbon dioxide, highlighting
benefits to human health and food security.

Morten Skovgård Olsen, Arctic Monitoring and Assessment
Programme, discussed current trends in Arctic ice, snow
and permafrost, highlighting that rates were changing faster
than projected and that melting would introduce new policy
challenges such as off-shore drilling.

Presenting on sea-level rise and scenario development,
IPCC Vice-Chair Jean-Pascal van Ypersele highlighted new
information since AR4. Discussing new features in the IPCC
Fifth Assessment Report (AR5), IPCC Secretary Renata
Christ described, *inter alia*, new guidance to IPCC authors on
uncertainties and risks, and on detection and attribution. She also
highlighted recent research on ocean acidification and explained
that AR5 will address, among other issues, geoengineering.

Several parties offered input on research needs and priorities.
Papua New Guinea discussed the role of blue carbon within the
SBSTA, saying that the science on mangrove and salt marsh
sinks is robust enough for policy consideration. Noting that
mangroves are already included under REDD+, she emphasized
the need to monitor the human impact and carbon sequestration
potential of other ecosystems. Papua New Guinea also proposed
holding a workshop on blue carbon at SBSTA 36.

On communicating the science, Carlos Fuller, Belize,
highlighted the work done on lessons learned and developing
country participation during the workshop on the research
dialogue, held on 2-3 June in Bonn.

Mannava Sivakumar, World Meteorological Organization,
underlined building understanding in the decision-making
process and the use of global, regional and national centers and
forums.

Ione Anderson, Inter-American Institute for Global Change
Research, presented a case study on a capacity building network
in Brazil.

Cynthia Rosenzweig, PROVIA, discussed using local
committees to guide work on vulnerability, impacts and
adaptation, and providing this information to governments and
agencies.

Andrew Matthews, Asia Pacific Network for Global Change
Research, stressed the importance of language skills and proposal
writing training.

Jon Padgham, International START Secretariat, emphasized
adaptation, food security, human health and long-term investment
in African universities.

**CONTACT GROUPS AND INFORMAL CONSULTATIONS**

**SHARED VISION (AWG-LCA):** During the morning
informal group on a shared vision, the facilitator explained
that in Decision 1/CP.16 (outcome of the AWG-LCA’s work),
parties had agreed to work towards identifying a global goal
for emission reductions and a time frame for global peaking of
greenhouse gas emissions. She further noted that in Bangkok,
parties had indicated that there are other issues than the two
contained in the Cancun Agreements, to be addressed by the
group. Parties were then invited to identify other issues for
consideration by the informal group.

The issues identified included: the need for a global goal
based on best available science and the Convention’s principles,
such as common but differentiated responsibilities; trade; equity;
equitable access to sustainable development; defending the
rights of Mother Earth to ensure harmony between humanity
and nature; compliance through an international court of climate
justice; migrants; warfare; a carbon budget; global goals for
finance, technology and adaptation; enhanced action on all
elements of the Bali Action Plan; historical responsibility; a
second Kyoto Protocol commitment period; rights of survival of
countries; and response measures.
Some parties urged focusing on areas where convergence can be achieved, while others opposed including any issue proposed by a party. Some parties preferred focusing only on those issues that were identified in Decision 1/CP.16, saying that the other issues identified by parties can be addressed after Durban.

The facilitator will produce a list of all issues ahead of the next informal group meeting.

ANNEX I FURTHER COMMITMENTS (AWG-KP):

AWG-KP Chair Adrian Macey (New Zealand), opened the first meeting of the contact group on Annex I further commitments. He highlighted two clusters of issues for the group’s consideration: clarification of conditionalities and linkages made by Annex I parties with respect to a second commitment period under the Kyoto Protocol; and the conversion of their pledges into quantified emission limitation and reduction objectives (QELROs). Chair Macey explained that these issues could be reframed into a discussion of what would constitute a package of outcomes in Durban.

SAINT LUCIA, supported by BOLIVIA, BRAZIL, SENEGAL, THE DEMOCRATIC REPUBLIC OF THE CONGO, ARGENTINA, CUBA, ZAMBIA and CHINA, proposed taking note of those Annex I parties that oppose a second commitment period under the Kyoto Protocol, focusing discussions on the conditionalities set by those Annex I parties interested in moving the process forward and seeing whether the conditions have been met or can be met, prior to a round of political decision-making. BOLIVIA called for concentrating on increasing ambition.

The EU supported discussing elements of a balanced package for Durban. He said it would be useful to define elements of the package, the role of the second commitment period in that package and what contributions non-Annex I parties would make to the package. SWITZERLAND highlighted four elements: clear understanding of land use, land-use change and forestry (LULUCF), market mechanisms and gases; implementation of the MRV package from Cancun; clear commitments; and reassurance that the AWG-LCA is moving towards a global, comprehensive and fair agreement.

NEW ZEALAND highlighted conditions including: comparability and coherence with the AWG-LCA track; an accounting structure; and a road to a 2ºC deal, including all major emitters, to ensure the New Zealand public will “buy” the deal. She, with the RUSSIAN FEDERATION and JAPAN, opposed excluding certain parties from the discussions.

NORWAY noted flexibility about whether his country’s commitments are under the Kyoto Protocol, as part of a balanced outcome, or under a global agreement. He emphasized the importance of: mitigation and MRV for developed and developing countries; clarity on a global, legally-binding agreement under the AWG-LCA track; addressing surplus Assigned Amount Units (AAUs); and clarity on LULUCF rules.

The RUSSIAN FEDERATION called for formalizing pledges made in the Copenhagen Accord and reaffirmed in Cancun. He also proposed clarifying rules on the flexibility mechanisms and LULUCF. AUSTRALIA supported formalizing the status of mitigation pledges made in Cancun and “systematizing” the way in which the pledges are recorded. CANADA underscored that her country will not commit to a second commitment period, but said the Kyoto Protocol has many valuable lessons, such as market mechanisms and LULUCF, for shaping the global climate regime.

TUVALU emphasized that discussions in the Kyoto Protocol track cannot lead to conclusions in other processes. SAUDI ARABIA said discussions should focus on technical issues.

In the afternoon, AWG-KP Chair Macey asked parties to address how to take forward issues in the revised proposal by the Chair (FCCC/KP/AWG/2010/18/Add.1). AWG-KP Vice-Chair Madeleine Diouf Sarr (Senegal) asked parties to discuss how to move forward on the issues of transforming pledges into QELROs, surplus AAUs and carryover, and environmental integrity.

SAINT LUCIA, with TUVALU, said the political context is very important and that such technical discussion was premature.

SWITZERLAND stressed the need to address technical issues and leave political issues to the political level. He said rules and QELROs should come together to provide predictability and environmental integrity.

NEW ZEALAND said the ideal outcome would be a comprehensive, legally-binding agreement involving all major emitters, but that an interim arrangement could be made for the transitional period, consisting of a second commitment period under the Protocol and a parallel agreement with other major emitters. AUSTRALIA said her country hopes to see a legally-binding treaty anchoring commitments by all major economies and that Durban should be a step towards that vision. She called for articulating a process to scale up ambition. CANADA underscored a single agreement including all major emitters, and said a balanced package would be built on the framework of the Cancun Agreements and would enhance transparency through an effective MRV framework.

BOLIVIA said a level of ambition that would lead to a 4ºC world is unacceptable.

On LULUCF force majeure, AWG-KP Vice-Chair Diouf Sarr highlighted the need for more clarity on the issue. SAINT LUCIA, with TUVALU, expressed concern about taking up technical issues without further political clarity.

SWITZERLAND said his country supports the ability to leave force majeure events out of accounting, and clarified that they should be defined as single large events that are outside the control of parties. He noted the need for improvement of force majeure methodology. AUSTRALIA said force majeure is key to creating incentives to include the land sector.

The EU, supported by NORWAY and SWITZERLAND, said it would be a better use of delegates’ time to establish spin-off groups to allow technical experts to discuss the rules while continuing political discussions. COLOMBIA, SAINT LUCIA, TUVALU, BOLIVIA, ARGENTINA and SAUDI ARABIA opposed discussion of technical rules in spin-off groups before setting the political context.

AWG-KP Chair Macey said he would consult parties on how to proceed, including with regard to the establishment of spin-off groups, and report back to the next contact group meeting.

FINANCE (AWG-LCA): The facilitator invited parties to share their views on the scope of discussions and deliverables for Durban. Views differed on whether fast-start and long-term financing should be discussed here in Bonn. Some opposed opening up the “Cancun package.”

Many parties supported discussing the Standing Committee, established by Decision 1/CP.16, with a view to operationalizing it by Durban. On the Transitional Committee for the Design of the Green Climate Fund, several parties called for ensuring feedback on progress, in order to ensure that the design of the Green Climate Fund is within the objectives of the Convention. The facilitator proposed beginning discussions with the Standing Committee, while he consulted bilaterally on how to consider the other items. One party objected, stating that the Standing Committee had been agreed as an overall package in Cancun, and opposed discussing fast-start and long-term financing in Bonn.
TECHNOLOGY (AWG-LCA): The facilitator presented the report (FCCC/AWGLCA/2011/INF.2) of the expert workshop on the Technology Mechanism held in conjunction with AWG-LCA 14 in Bangkok. He also introduced a “roadmap” depicting options for achieving a fully operational Climate Technology Centre and Network (CTCN) in 2012.

Parties then discussed priorities for the negotiations in Bonn and expectations for Durban. Many parties suggested focusing on a call for proposals and the criteria to be used to evaluate and select the host of the Climate Technology Centre. Parties also identified the need to consider the information needed to enable institutions to respond to the call for proposals, and discussed the type of organization envisaged to host the Climate Technology Centre and the need to consider the experience of the institution, as well as resources at its disposal.

REVIEW (AWG-LCA): In the informal group on review, parties exchanged views on scope, principles, process, inputs and the way forward concerning the review of the adequacy of the long-term global goal.

On the scope of the review, some parties emphasized the need to focus on the adequacy of the long-term global goal, while others said Decision 1/CP.16 mandates parties to address implementation of the Convention and overall progress towards achieving the global goal. Others suggested that the review should include considering whether the Convention’s structure should be modified, as Decision 1/CP.16 requires the COP to take appropriate action based on the review. Some parties cautioned against adopting a broad scope.

On key principles, some parties highlighted the need for a party-driven process, with many supporting consideration of common but differentiated responsibilities, equity and transparency.

On inputs, parties considered possible sources of information, with many referring to, inter alia, the IPCC and countries’ climate policies and actions. Others suggested starting the process before 2013 and gathering inputs through a clearinghouse mechanism.

Many parties proposed a phased approach, including collection and compilation of information, its assessment, elaboration of conclusions and recommendations, and discussion of the recommendations in 2015.

VARIOUS APPROACHES, INCLUDING MARKETS (AWG-LCA): The facilitator recalled Decision 1/CP.16, in which parties agreed to consider the establishment of market and non-market-based mechanisms at COP 17, saying the focus of this group is to discuss what, if anything, the COP should establish. He said the focus of the group’s first meeting would be to give parties an opportunity to: highlight points from their submissions on the elaboration of market-based mechanisms; identify the nature of draft decisions to be forwarded to the COP; elaborate aspects of the submissions that form a good basis for preparing draft decisions; and suggest specific mechanisms that could be established.

Some parties stressed the need to agree on a second commitment period under the Kyoto Protocol before new market mechanisms can be established. One party suggested focusing on non-market-based mechanisms and several parties highlighted the need to maintain a balance between market and non-market-based mechanisms. Regarding expectations for Durban, parties outlined: a decision establishing new market mechanisms; establishment of new market mechanisms based on principles already agreed on, such as environmental integrity; elaboration of modalities and procedures, including for reporting; and establishment of a governance structure.

Several parties highlighted that the purpose of new mechanisms would be to complement, not replace, existing mechanisms such as the CDM. A number of parties presented on their submissions on the elaboration of market-based mechanisms and all parties then engaged in a discussion of these presentations.

CAPACITY BUILDING (AWG-LCA): In the informal group on capacity building, parties discussed the way forward on monitoring and review, and institutional arrangements, given the cross-cutting nature of capacity building.

On institutional arrangements, parties expressed satisfaction that the Cancun Agreements had integrated capacity building into many areas, but identified that this would also pose challenges to broadly enhancing capacity building activities. Some parties proposed creating a new institutional mechanism to address this, while others expressed concern that this might be duplicative and inefficient.

On MRV, several developing countries expressed concern that reporting poses serious challenges to parties without the capital to meet the reporting standards of the UNFCCC. Delays in completing national adaptation programmes of action (NAPAs) were given as an example of this, and parties stressed the need to enable effective reporting.

Other issues discussed included the role of the new Adaptation Committee, national communications and the Green Climate Fund, and the ineffectiveness of voluntary capacity-building submissions.

IN THE CORRIDORS

On Wednesday, frustration seemed to be growing in the corridors of the Maritim Hotel. The opening plenaries of the SBI and SBSTA remained suspended for the third day in a row as protracted backroom discussions continued late into the evening on their respective agendas. One veteran lamented “we are as stuck as ever” on issues such as MRV and response measures, assessing that there was “no end in sight to this agenda battle.” Apart from those directly involved in these backroom discussions, a number of delegates appeared listless and bored, with one NGO participant wishing for “some movement, some action, something other than this limbo we seem to be stuck in.” Late in the evening, some delegates involved in the negotiations explained that text kept growing and it started to feel like they were negotiating text rather than agenda items. “Things are getting out of control,” one negotiator said before going back to the room.

The frustration seemed to only increase towards the evening as negotiations under the AWG-KP ended in an impasse on whether to continue discussing political issues only, or to also establish spin-off groups on technical issues. Some seemed pleased with what they saw as “smart negotiating tactics” from developing countries but the feeling was not shared by everyone. “The way things are going, we will not accomplish anything meaningful during the first week. After Bangkok and this, why waste time and money on yet another intersessional meeting?,” commented one angry and frustrated developed country negotiator. Another quipped that “the AWG-KP has become an AWG-LCA spin-off group,” emphasizing that political discussions were meaningless without the US and major developing country emitters in the room. One experienced negotiator opined that the Protocol track “is facing a Gordian knot, with no Alexander the Great to undo it.”