



Secretariat of ISO/TC207/WG5
Canadian Standards Association

REPORT TO ISO TC 207 ON THE PROGRESS OF WORKING GROUP 5 ON CLIMATE CHANGE

May 28, 2004

Background and Scope of Work

1. ISO TC207 Working Group (WG) 5 on Climate Change was established in June 2002 with Dr. Chan Kook Weng of Malaysia and Kevin Boehmer of Canada approved as WG5 Convenor and Secretary respectively. This report summarizes WG5 activities and progress to-date.
2. The scope of ISO TC/207 WG5 is to develop international standard(s) for measuring, monitoring, reporting and verifying greenhouse (GHG) emissions and removals at organization- and project-levels.
3. WG5 has held five working group meetings and two sub-working group meeting to-date:

<u>Meeting</u>	<u>Date</u>	<u>Place</u>
WG5 Meeting 1	June 10 to 13, 2002	Johannesburg, South Africa
WG5 Meeting 2	November 11 to 14, 2002	Berlin, Germany
WG5 Meeting 3	March 10 to 13, 2003	Pulau Langkawi, Malaysia
WG5 Meeting 4	June 30 to July 4, 2003	Bali, Indonesia
WG5 Part 2 Meeting 1	October 27 to 29, 2003	Vienna, Austria
WG5 Meeting 5	March 8 to 12, 2004	London, United Kingdom
WG5 Part 2 Meeting 2	April 28 to 30, 2004	Toronto, Canada

Ad Hoc Group Establishment and Analysis (June to November 2002)

4. Four WG5 Ad Hoc Groups (AHG) were established at Meeting 1 to analyze existing areas of international consensus and begin development of a working draft. The following experts were selected to co-ordinate respective AHG work:

Group	Subject	Co-ordinators	
AHG1	Organization Measurement	T. Delaney, USA	M. Reis, Brazil
AHG2	Project Measurement	M. Yamaguchi, Japan	KP Nyati, India

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AHG3	Verification	M. Barthel, UK	D. Kudlák, Czech Republic
AHG4	Cross Cutting Subjects	F. Schafhausen, Germany	A. Cherp, Ecologia

Development of WD1 of ISO 14064 (November 2002 to January 2003)

5. Based on AHG outputs, key discussion at Meeting 2 of WG5 included how best to:
 - Use existing AHG work in structuring/developing (a) working draft(s);
 - Manage “cross-cutting” areas (eg, definitions, principles, reporting);
 - Use available resources in ensuring that a 1st working draft is delivered on schedule.
6. At Meeting 2, participants approved a Convenor's Proposal that included the following elements:
 - a) WG5 maintain its target of producing its 1st working draft prior to its 3rd meeting;
 - b) WG5 proceed under the assumption that one document will be delivered;
 - c) WG5 Secretary distributes the 1st working draft of measurement and verification sections to member bodies for a 1-month comment period by Jan. 10, 2003.
7. On January 14, 2003, WG5 distributed its 1st Working Draft to experts for comment. The 1st Working Draft consisted of two documents:
 - *ISO14064-1.1 - Principles and requirements for measuring, monitoring and reporting entity- and project-level GHG emissions and/or removals;*
 - *ISO14064-2.1 - Principles and guidelines for GHG validation, registration, verification and certification.*
8. Expert comments on Working Draft 1 were compiled and distributed to WG5 members on February 18, 2003 in preparation for Meeting 3.
9. Based on Working Draft 1 comments, the following strategic issues were identified and discussed at Meeting 3:
 - Compatibility/Alignment the WBCSD/WRI GHG Protocol;
 - Linkage between Entities and Projects;
 - Subdivision of Work;
 - Intent of Standard(s);
 - Linkage between Quantification and Verification;
 - Compatibility/Alignment with UNFCCC-related Documents;
 - Accounting for Sequestered Carbon;
 - WG5 Organization and Processes.

Meeting 3 (March 2003)

10. WG5 agreed to the following at Meeting 3:
 - a) That WG5 should prepare 1 Standard with 3 Parts:
 - Organization Quantification;
 - Project Quantification;
 - Validation and Verification.
 - b) That the Standard's organization and project Parts should be compatible with the WBCSD/WRI GHG Protocol documents.

- c) That the Standard's project Part should be compatible with the UNFCCC and any underlying legal or policy instruments (eg, Kyoto Protocol).
- d) That all 3 Standard Parts should include requirements (ie, shall) and, where appropriate, recommendatory (ie, should) expressions.
- e) That the Validation and Verification Part should be designed such that is applicable generically.
- f) That 1st Party validation/verification guidance should be included in Organization and Project Parts.

Development of WD1 of ISO 14064 Parts 1, 2 and 3 (March to May 2003)

11. An Editing Group established at Meeting 3 under the Secretary was tasked to develop 1st Working Drafts (note Working Draft numbering was re-started based on new standard Parts) of:
 - *ISO 14064 Greenhouse gases - Part 1: Specification for the quantification, monitoring and reporting of entity emissions and removals;*
 - *ISO 14064 Greenhouse gases - Part 2: Specification for the quantification, monitoring and reporting of project emissions and removals;*
 - *ISO 14064 Greenhouse gases - Part 3: Specification and guidance for validation, verification and certification.*
12. On May 12, 2003, WG5 distributed to experts for comment the 1st Working Draft of:
 - *ISO 14064 Greenhouse gases - Part 1: Specification for the quantification, monitoring and reporting of entity emissions and removals;*
 - *ISO 14064 Greenhouse gases - Part 3: Specification and guidance for validation, verification and certification.*
13. *ISO 14064 Part 2: Specification for the quantification, monitoring and reporting of project emissions and removals* remained under development and was not elevated to Working Draft 1 prior to Meeting 4. A revised Part 2 working document was, however, distributed to all WG5 members in early-June 2003 in preparation for Meeting 4.

Meeting 4 (June, July 2003)

14. At its 4th meeting, WG5 decided to:
 - Support the March 2003 CASCO CAG resolution asking ISO TC207 to explore the establishment of a joint CASCO-ISO TC207 WG5 working group to develop a greenhouse gas organization accreditation document;
 - Submit CD 1 of ISO 14064 Part 1 and ISO 14064 Part 3, and WD 1 of ISO 14064 Part 2, by October 2003.
15. At its 4th meeting, WG5 disbanded its Ad Hoc Groups and established an Editing Group under the Secretary to resolve cross-cutting issues (eg, scope, terms, principles) among Standard Parts and continue technical development of draft CDs. WG5 appointed six Co-facilitators to lead revision of Standard Parts:
 - Cross-cutting: Kevin Boehmer
 - Part 1: Nigel Carter, Brian Dawson
 - Part 2: Klaus Radunsky, Steve Messner
 - Part 3: Christine Schuh, Mark Barthel

Development of WD1 of ISO 14064 Part 2 (July to November 2003)

16. A WG5 Facilitator's meeting was held August 30 to September 1 in Vancouver, Canada to discuss and resolve cross-cutting issues among ISO 14064's three Parts. At that meeting, Co-Facilitators and the Secretary recommended that the Part 2 schedule be accelerated for several reasons, including:
- To ensure consistency and rigour among ISO 14064's three Parts, it did not make sense to move them through the consensus/approval process independently;
 - The draft WD1 of Part 2 was at a level of maturity/rigour similar to Parts 1 and 3;
 - The overall schedule agreed to at Meeting 4 in Indonesia (ie, CD1 comments meeting in March 2004) could be met by eliminating a planned WD2 of Part 2.
17. On September 8, 2003, a recommendation from the WG5 Secretariat and Editing Group Co-facilitators to accelerate the Part 2 schedule was detailed in an email to all WG5 members. At that time, the Secretariat received no negative responses and thus notified members that the recommended Part 2 schedule had been adopted.
18. WD1 of ISO 14064 Part 2 was distributed to all WG5 members for comment from September 19 to October 16, 2003.

Part 2 Meeting 1 (October 2003)

19. WG5 Part 2 experts considered WD1 comments in significantly revising and re-organizing the Part 2 working draft. Based on the revised working draft produced at the meeting, the Part 2 Co-facilitator canvassed participating experts on whether they supported the new Part 2 schedule or the schedule adopted in Indonesia. Experts overwhelmingly supported moving the Part 2 standard to CD concurrent with Parts 1 and 3.

CD1 OF ISO 14064 Parts 1, 2 and 3 (November 2003)

20. Committee Draft 1 of ISO 14064 Parts 1, 2 and 3 were distributed to ISO TC207 member bodies and liaison organizations for comment from November 10, 2003 to February 10, 2004 (ISO TC207 N634, 635, 636).

Meeting 5 (March 2004)

21. WG5 met to consider CD1 comments in revising draft standard text. Key outcomes from Meeting 5 included:
- CD2 of ISO 14064 Parts 1, 2 and 3 would be circulated for comment only; as opposed to seeking approval for registration as a Draft International Standard (DIS);
 - An Editing Group was established to i) prepare CD2 text, and ii) complete line-by-line Secretariat Comments to CD1. Editing Group Facilitators are:
 - Cross-cutting: Kevin Boehmer
 - Part 1: Nigel Carter, Aleg Cherp
 - Part 2: Klaus Radunsky, Irving Mintzer

- Part 3: Christine Schuh, Geoff Visser.
- The Part 2 Editing Group would hold a technical working meeting from April 28 to 30, 2004 in Toronto, Canada.

Part 2 Meeting 2 (April 2004)

22. The Part 2 Editing group met in Toronto to complete its consideration of CD1 comments in revising draft standard text.

CD2 OF ISO 14064 Parts 1, 2 and 3 (May 2004)

23. Committee Draft 2 of ISO 14064 Parts 1, 2 and 3 were distributed to ISO TC207 member bodies and liaison organizations for comment on May 10, 2004 (ISO TC207 N658, N659, N660). Comments are due to the WG5 Secretary no later than August 10, 2004.

24. Completed Committee Draft 1 comments tables on all 3 Parts of ISO 14064 were distributed to ISO TC207 member bodies and liaison organizations on May 27, 2004 (ISO TC207 N661, N662, N663).

Path Forward

25. ISO TC207 WG5 will meet from August 30 to September 4, 2004 in Buenos Aires, Argentina in conjunction with the ISO TC207 plenary. The purpose of Meeting 5 will be to consider CD2 comments and agree to the DIS process and schedule.

26. At Meeting 4 of WG5, Standards Australia kindly offered to host a WG5 meeting in 2005.

27. ISO 14064 Parts 1, 2 and 3 are planned for publication in late-2005 to early-2006.