

CANADIAN COUNCIL OF FOREST MINISTERS'
CRITERIA AND INDICATORS OF
SUSTAINABLE FOREST MANAGEMENT
INDICATOR REVIEW



SECOND TECHNICAL WORKING GROUP MEETING
25 & 26 April, 2002, Ottawa, Ontario

MEETING SUMMARY

DRAFT

INTRODUCTION:

Five Technical Working Groups for reviewing the indicators in the Canadian Council of Forest Ministers' (CCFM) framework of Criteria and Indicators (C&I) of Sustainable Forest Management held their second meeting at the Delta Hotel and Suites in Ottawa, Ontario on April 25 and 26, 2002. Each Technical Working Group has been assembled to review and revise the indicators under one of Criteria 1, 2, 3, 5, or 6 in the CCFM C&I framework.

At their previous meeting, on March 15, 2002, members of the Technical Working Groups were each asked to individually submit an initial list of potential indicators for their Criterion to the Secretariat. The submitted indicators for each group were compiled and these compiled lists were provided back to the groups prior to their meeting on April 25 and 26. These lists of initial indicators provided a starting point for the groups' discussions on revising the indicators at their April 25 and 26 meeting.

The objectives for the April 25 and 26 meeting were to:

- Produce a narrowed list of indicators that includes a rationale and an approach to measuring each indicator;
- Identify any data/knowledge gaps; and
- Give direction to the C&I Secretariat for any additional information needs required to properly evaluate the indicators

The resultant lists of preliminary indicators developed by the Technical Working Groups during this meeting and a list of cross-cutting issues are available in three accompanying documents:

1. "Summary List: Technical Working Group Preliminary List of Improved CCFM Indicators for Sustainable Forest Management."
2. "Working Document: Technical Working Group Preliminary List of Improved CCFM Indicators for Sustainable Forest Management."
3. "Cross-cutting issues: Technical Working Group Preliminary List of Improved CCFM Indicators for Sustainable Forest Management."

Participants at the meeting were also given the following two recent publications in their registration package, which should be helpful:

- Duinker, P. N. 2001. Criteria and Indicators of Sustainable Forest Management in Canada: Progress and Problems in Integrating Science and Politics at the Local Level. *IN* A. Franc, O. Laroussinie & T. Karjalainen (eds.) Criteria and Indicators for Sustainable Forest Management at the Forest Management Unit Level. EFI Proceedings No. 38, 2001. p. 7 – 27.
- Canadian Forest Service. 2001. Scaling National Criteria and Indicators to the Local Level. Natural Resources Canada. Ottawa. 31 pp.

MEETING SUMMARY

The meeting began at 1:00 pm on April 25th with a plenary session. During this session, Mr. Tom Niemann, Chair of Technical Working Group 5, gave a welcoming presentation on behalf of the C&I Task Force. This presentation dealt with a number of questions that have been raised by the Technical Working Group members at the March 15 meeting and in subsequent discussions within the groups. This information will be made available in the form of a Frequently Asked Questions information sheet.

Also during the plenary session, Mr. Brian Bonnell, Network Coordinator for the Model Forest Network gave a presentation on the C&I experience in Canada's Model Forests. Mr. Bonnell highlighted two new tools that may be of use to Technical Working Group members. The first tool was the recently published User's Guide to Local Level Indicators (LLI) of Sustainable Forest Management. The guide describes each model forest's approach to initiating a program on LLI, selecting indicators, gathering data, and using and reporting on indicators. There are lists of relevant publications, complete sets of each model forest's LLI, a comparison of approaches to LLI across the model forest network, and contacts for more information. The second tool highlighted was a database of Local Level Indicators now available online at www.modelforest.net.

After the plenary session, the participants broke up into their working groups for the remainder of the day and for most of the second day to discuss their lists of indicators. The groups came back together for a plenary at the end of the second day to give a report on their progress.

TWG Progress Reports

TWG 1: Conservation of Biodiversity

The group had good participation from an actively engaged group during its breakout session. They developed a list of 10 proposed indicators although some work is still required to revise wording, definitions, etc.

TWG 2: Maintenance and Enhancement of Forest Ecosystem Condition and Productivity

The group had good representation and participation at its breakout session with information from missing participants (Danielle Cantin (IUCN)) presented by others. The group revised the current CCFM indicators and produced a list of 15 indicators with 6 additional potential indicators. It was noted that most of the suggested indicators have data although some clarification of wording, definitions, etc by the group is required before the August meeting. Mr. Tony Mecredi provided information to the group about a suggested, separate Aboriginal criterion.

TWG 3: Conservation of Soil and Water Resources

This group had good participation at its breakout session. Prior to the meeting, over 90 potential indicators had been suggested by the group members. The group narrowed this down 12 indicators with 2 potential indicators. Many of these are surrogate indicators or process indicators, rather than actual measures of soil variables, which tend to be difficult to collect. The group's next steps over the summer include reviewing the wording, rationale, approaches to measurement and interpretation of the indicators before the August meeting.

TWG 5: Multiple Benefits to Society

Despite low attendance by members, this group worked hard to revise the indicators under the criterion. The group spent a lot of time during its breakout session grouping the values into four categories: (i) What Benefits; (ii) Distribution of Benefits; (iii) What are the ultimate socio-economic outcomes; and (iv) What are we doing to sustain the benefits. These may well become new elements in the revised indicator recommendations. Indicators were sorted into these groups, but more work needs to be done on refining and reducing the list of indicators. This group is going to suggest that the Criterion name be changed slightly to better reflect that it includes Socio-Economic indicators, and not environmental indicators.

TWG 6: Accepting Society's Responsibility for Sustainable Development

The Chair of TWG 6, Mr. Dan Cooligan, was unable to attend the April 25 & 26 meeting. Dr. John Parkins, a member of TWG 6, acted as the interim chair during the breakout session. There was limited participation by the official members of TWG 6 at the meeting. However, Ms. Kathryn Buchanan (Canadian Forest Service – Montreal Process Liaison Office) and Dr. Solange Nadeau (Canadian Forest Service) were able to substitute for some of the regular members. The group dropped some of the original CCFM indicators and added several others to end up with 21 indicators. There was discussion within the group about a separate Aboriginal criterion. To deal with this, the group identified specific Aboriginal values and indicators that can be grouped together at a later date, either under an element or under a separate criterion as appropriate.

NEXT STEPS

Over the course of the summer, the groups will work with their chairs to refine the lists of indicators further before their final meeting in August. The C&I Secretariat will also try to identify data sources for new suggested indicators.

ANNEX 1: Attendance

TWG 1

Mr. Rory Thompson (Chair), Alberta Sustainable Resource Development
Dr. John Innes, University of British Columbia
Dr. Rick Bonar, Weldwood of Canada, Ltd.
Mr. Ed Wicken, Wildlife Habitat Canada
Mr. Gary Merkel, Forest Innovations
Dr. Brenda McAfee, Canadian Forest Service
Dr. Stephen Woodley, Parks Canada

TWG 2

Mr. Dwayne Dye (Chair), Saskatchewan Department of Environment and Resource Management
Mr. Brian Haddon, Canadian Forest Service
Mr. Dave Fong, Newfoundland and Labrador Department of Forest Resources and Agri-Foods
Dr. Daniel Kneeshaw, Université du Québec à Montréal
Dr. Brian Kotak, Tembec Paper Group – Pine Falls Operation
Mr. Tony Mercredi, Consultant, First Nations Issues

TWG 3

Mr. Len Moores (Chair), Newfoundland Department of Forest Resources and Agri-Foods
Dr. Jim Fyles, McGill University
Mr. Henry Lickers, Mohawk Council of Akwesasne
Dr. Robert Stewart, Canadian Forest Service
Dr. Stephen Yamasaki, Canadian Parks and Wilderness Society, Montréal Chapter
Mr. Jean-Pierre Jeté, Ministère des ressources naturelles du Québec
Dr. Mike Curan, BC Ministry of Forests

TWG 5

Mr. Tom Niemann (Chair), BC Ministry of Forests
Mr. Peter McQuarrie Nova Scotia Department of Natural Resources
Mr. Rick Groves, Tembec Industries Inc.
Mr. Duane Hiebert, Prince Albert Grand Council

TWG 6

Dr. John Parkins (Interim Chair), Canadian Forest Service
Ms. Jennifer Dunlap, New Brunswick Department of Natural Resources
Ms. Kathryn Buchanan, Montréal Process Liaison Office
Ms. Solange Nadeau, Canadian Forest Service

EXPERT ADVISOR

Dr. Peter Duinker, Dalhousie University

C&I SECRETARIAT

Simon Bridge
Lynne Tremblay

ANNEX 2: Meeting Agenda

April 25 & 26, 2002

Delta Ottawa Hotel and Suites, Ottawa, Ontario

April 25

- | | |
|-----------------|---|
| 11:30 – 1:00 pm | Registration – Victoria Room |
| Noon – 1:00 pm | Lunch – Victoria Room |
| 1:00 – 3:00 pm | Plenary – Victoria Room <ul style="list-style-type: none">• Welcome (<i>Tom Niemann – CCFM C&I Task Force</i>)• Ontario's Provincial C&I Experience (<i>Bill Dalton – OMNR</i>)
tentative• Model Forest C&I Experience (<i>Brian Bonnell – Model Forest Network</i>) |
| 3:00 – 3:30 pm | Break – Victoria Room |
| 3:30 – 5:00 pm | Individual TWG Breakout Sessions |

April 26

- | | |
|----------------|--|
| 8:00 – Noon | Individual TWG Breakout Sessions continued... (<i>Continental breakfast and coffee break served in your breakout room</i>) |
| Noon – 1:00 pm | Lunch – Victoria Room |
| 1:00 – 3:00 pm | Individual TWG Breakout Sessions continued... |
| 3:00 – 3:30 pm | Break – Victoria Room |
| 3:30 – 5:00 pm | Plenary session – Victoria Room <ul style="list-style-type: none">• TWG Group reports• Discussion of cross-cutting issues• Wrap up |

ANNEX 3: Presentation by Tom Niemann

Overview and FAQs

CCFM C&I Indicator Review

Technical Working Groups Meeting

April 25-26, 2002

Tom Niemann

Agenda

1. Presentations (1:00 - 3:00)
 1. Overview and FAQs - Tom Niemann
 2. Ontario's Provincial C&I Experience - Bill Dalton
 3. Model Forest C&I Experienced - Brian Bonnell
- TWG Breakout Sessions (24 hours!)
- Plenary Session (3:30 - 5:00 tomorrow)

Overview of Indicator Review Process

- Define Scope of Work
- Focus Groups review values (Dec 2001)
- TWGs
 - Review Background Material
 - Revise / propose indicators (Apr 2002)
 - Evaluate indicators
 - Refine indicators (Aug 2002)
- C&I Task Force and potential users

FAQs

- Why this review?
- Why C&I? For whom?
- Reviewing the criteria?
- What kind of indicators?
- Links to the Montreal Process?
- Links to other criteria?
- What about targets and benchmarks?

Why This Review?

- 1995 C&I were a first attempt
- Dynamic process of defining SFM
- New understanding
 - provinces
 - model forests
 - certification
- 1999 review
 - conserve 2, modify 68, remove 13

Why C&I? For Whom?

- ***Inform*** many audiences about SFM
 - domestic and international
 - public, interest groups, decision makers
- Meet commitments
- Comprehensive, balanced, science-based
- A Canadian framework:
 - ***Define***
 - ***Monitor***
 - ***Communicate***

Reviewing the Criteria?

- No
 - Canadian values, issues and concerns
 - linkages to other C&I
- Other criteria suggested to C&I TF
 - TWGs focus on indicators
- Some rewording possible
- Elements may change

What Kind of Indicators?

- Ideal attributes:
 - Relevant
 - Measurable
 - Understandable
 - Can be forecast
 - Have reference values
- Core, Supporting, Potential indicators

Links to the Montreal Process?

- CCFM and MP report at national level
 - simplify reporting
- Consider MP indicators and indicators similar to MP indicators
 - relate to Canadian values, issues, concerns
 - 5 attributes
- Consider MP Criterion 7 indicators

Links to Other Criteria?

- Indicators may relate to >1 criterion
- Spot links and overlaps
 - Plenary sessions at TWG meetings
 - TWG Chairs will meet between TWG meetings
 - Full list of indicators will be circulated

What About Targets and Benchmarks?

- Define where obvious
- May require separate public input
- May not be possible

- Discussion paper on reference values

Your Task

- Merge individual lists of indicators
 - Refine indicators
 - clear, concise, not directional
 - rationale
 - approach to measurement
(identify data gaps)
 - interpretation of indicator
- ➔ <20 indicators per criterion

Agenda

- 2:45 - 3:15 BREAK
Victoria Room
- 3:15 - 5:00 TWG Breakout Sessions
 - TWG1 Algonquin A
 - TWG2 Mackenzie
 - TWG3 Cartier
 - TWG5 Boardroom
 - TWG6 Suite 1511

Process for TWGs

- Introductions
- Fundamental values
- Review compiled list
 - Consider 1999 Reevaluation
- Consider elements
- Regroup similar indicators
 - Combine/reduce number of indicators
- Refine wording
- What's practical? Rationale?