**Draft 2 International Generic Indicators (D2 IGI)**

(FSC­STD­ 01­004 D2­0)

**FSC Canada Crosswalk**

**There are several ways that you can submit feedback.**

**D2 IGI Consultation Period**

**January 24 –March 31, 2014**

1. **Submit Comments directly to FSC International (English or Spanish)**

* Comments can be submitted using the online comment form (Survey Monkey) can be accessed here: <https://www.surveymonkey.com/s/IGIdraft2survey>
* The PDF Comment Form, can be accessed here:

<http://edit-igi.fsc.org/clnt.edit-igi/md/1390580430_file.pdf>

Direct Email, to [igi@fsc.org](mailto:igi@fsc.org)

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Please copy FSC Canada, v.peachey@ca.fsc.org, when submitting your comments so we can incorporate input into our analysis.

**2. Submit Comments to FSC Canada using the FSC Canada Crosswalk Comment Form (English or French)**

FSC Canada has prepared a crosswalk comment form that lists the draft IGIs and provides reference to where a compatible element already exists in FSC Canada’s regional Forest Management standards. By using this form, FSC CA will incorporate your input in our formal review of D2 IGIs that we will submit to FSC International. Your comments will also be compiled and sent to FSC IC as an appendix.

Please submit your comments to FSC Canada by: March 21, 2014 to Vivian Peachey at [v.peachey@ca.fsc.org](mailto:v.peachey@ca.fsc.org)

**General Instructions**

1. Read the Indicators Drafting Rules included in the preamble of the IGIs (FSC­STD­01­004 D2­0).
2. Provide accurate information about yourself. If you are an FSC member, please tell us which chamber you belong to.
3. Where you have no opinion to provide for a particular IGI or section, please skip to the section and continue filling in the rest of the comment form.
4. Please note that comments maybe made publicly available, but they will not be directly attributed to the person who made them.
5. Visit the IGI website for the IGIs Draft 2­0 at [www.igi.fsc.org](http://www.igi.fsc.org)

**Instructions for Using FSC Canada Crosswalk**

1. There are two versions of D2 IGIs -
   * Draft 2 International Generic Indicators (FSC­STD­ 01­004 D2­0)
   * Draft 2 International Generic Indicators (FSC­STD­ 01­004 D2­0) **with NOTES**

**\*FSC Canada strongly recommends you refer to the version with Notes to get the most thorough understanding of the IGIs and direction.**

1. FSC Canada has prepared a crosswalk comment form that lists the draft IGIs and reference to where a ‘compatible’ element already exists in FSC Canada’s regional Forest Management standards.

The purpose for providing references is to help stakeholders locate where requirements are already found in regional standards and to illustrate new requirements and the new hierarchy of FSC Principles and Criteria v5.

**Disclaimer:** It should be noted that reference to FSC Canada regional indicators do not always perfectly align with D2 IGIs. This is a working document that shows alignment as best as possible. The document should not be seen as a technical or definitive document. If any discrepancies or missing reference to regional indicators are noticed, please let us know and we will update the tables.

1. **The purpose of this consultation period is to provide comments on D2 IGIs.** Stakeholders will be given opportunities to comment on FSC Canada’s revision process including national and regional indicators in the near future.

**Please limit comments to D2 IGIs.**

1. The feedback we are seeking is whether you think the suggested IGIs for each criterion include all the measures necessary to verify compliance with that criterion. In your review please consider the following.

***Is the suggested D2 IGIs:***

* **Auditable:** the indicator is SMART (Specific, Measureable, Achievable & Tangible).
* **Globally applicable**: the indicator is generic, can be adapted to the different forest types, legislation etc.
* **Written in clear language**
* **Applicable for SIR / SLIMF:** the indicator addresses the Scale, Intensity and Risk concept, together with the Notes developed for the indicator
* **Needing amendment**

1. All aspects of this standard are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs including Notes.
2. A comment box is provided and you are encouraged to provide alternative (and specific) wording, should you wish.

**Information**

|  |  |
| --- | --- |
| Date of your submission: |  |
| Name (title, first, last): |  |
| Contact details (phone, email, address): |  |
| Organization: |  |
| Are you an FSC member? |  |
| If so, what chamber? |  |
|  |  |

**Please note that all comments may be made publicly available, but they will not be directly attributed to the person who made them.**

**After reviewing D2 IGIs, do you have any general comments that you would like to share?**

**Principle 1: Compliance with laws -** The Organization shall comply with all applicable laws, regulations and nationally-ratified international treaties, conventions and agreements. (P1 V4)

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| **C1.1** | The Organization\* shall\* be a legally defined entity with clear, documented and unchallenged legal registration, with written authorization from the legally competent\* authority for specific activities. (C1.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **1.1.1** | Legal registration\* to carry out all activities within the scope of the certificate is documented.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **1.1.2** | Legal registration\* is granted by a legally competent\* authority according to legally prescribed processes.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **C1.2** | The Organization\* shall\* demonstrate that the legal status of the Management Unit, including tenure and use rights, and its boundaries, are clearly defined. (C2.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **1.2.1** | Legal\* tenure\* to manage and use resources within the scope of the certificate is documented.  **\*See D2 IGI NOTES** | B2.1.1  B2.2.1  B2.2.2 | BC2.1.1 BC2.1.2  BC2.1.3  BC2.1.4 BC2.2.1  BC2.2.2 | GL2.1.1GL2.2.1GL2.2.2 | M2.1.1 M2.2.1 M2.2.3 |  |  |  |  |  |  |  |
| **1.2.2** | The boundaries of all Management Units\* within the scope of the certificate are clearly marked or documented and clearly shown on maps.  **\*See D2 IGI NOTES** | B2.1.1 | BC2.1.2 |  | M2.1.1 |  |  |  |  |  |  |  |
| **C1.3** | The Organization\* shall have legal rights to operate in the Management Unit\*, which fit the legal status of The Organization\* and of the Management Unit\*, and shall\* comply with the associated legal obligations in applicable national and local laws and regulations and administrative requirements. The legal\* rights shall provide for harvest of products and/or supply of ecosystem services\* from within the Management Unit\*. The Organization\* shall pay the legally prescribed charges associated with such rights and obligations. (C1.1, 1.2, 1.3 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **1.3.1** | All activities, including the harvest of products and/or supply of ecosystem services\*, are carried out in compliance with:  a) Applicable laws\* and regulations and administrative requirements,  b) Obligatory codes of practice, and  c) Legal\* and customary rights\*.  **\*See D2 IGI NOTES** | B1.1.1  B1.1.2  B1.1.3  B1.1.4  B1.1.5  B1.1.6 | BC 1.1.2  BC 1.1.1  BC 1.1.3 | GL1.1.1  GL1.1.2 | M1.1.1  M1.1.2  M1.1.3  M1.1.4  M1.1.5 |  |  |  |  |  |  |  |
| **1.3.2** | Timely payment is made of all applicable legally prescribed charges connected with forest\* management | B1.2.1 | BC1.2.1 | GL1.2.1 | M 1.2.1 |  |  |  |  |  |  |  |
| **1.3.3** | Activities covered by the management plan\* and operational plans are designed to comply with all applicable laws\*. | B1.4.1  B1.4.2 | BC1.4.1  BC1.4.2 | GL1.4.1  GL1.4.2 | M1.4.1M1.4.2 |  |  |  |  |  |  |  |
| **C1.4** | The Organization\* shall develop and implement measures, and/or shall engage with regulatory agencies, to systematically protect the Management Unit\* from unauthorized or illegal resource use, settlement and other illegal activities. (C1.5 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **1.4.1** | Measures are developed and implemented to systematically provide protection\* from illegal harvesting, hunting, fishing, trapping, collecting, settlement and other unauthorized activities.  **\*See D2 IGI NOTES** | B1.5.1  B1.5.2 | BC1.5.1 | GL1.5.1 | M1.5.1  M1.5.2 |  |  |  |  |  |  |  |
| **1.4.2** | Where protection\* by The Organization\* is not legally possible, a system is implemented to work with regulatory bodies to identify, report, control and discourage unauthorized or illegal activities.  **\*See D2 IGI NOTES** | B1.5.1  B6.2.7 | BC6.2.5 | GL6.2.2 | M1.5.1  M6.2.4 |  |  |  |  |  |  |  |
| **1.4.3** | If illegal or unauthorized activities are detected, appropriate actions are undertaken to address them. |  |  |  |  |  |  |  |  |  |  |  |
| **C 1.5** | The Organization\* shall comply with the applicable national laws\*, local laws, ratified international conventions and obligatory codes of practice, relating to the transportation and trade of forest products within and from the Management Unit\*, and/or up to the point of first sale. (C1.1, 1.3) |  |  |  |  |  |  |  |  |  |  |  |
| **1.5.1** | Records demonstrate compliance with applicable national laws\*, local laws, ratified\* international conventions and obligatory codes of practice, relating to the transportation and trade of forest products up to the point of first sale.  **\*See D2 IGI NOTES** | B1.6.3  B1.1.3 | BC1.1.3 | GL1.1.2 | M1.1.4 |  |  |  |  |  |  |  |
| **1.5.2** | Where CITES has been ratified\* nationally, compliance with CITES provisions is demonstrated, including through possession of certificates for harvest and trade in any CITES species that are harvested by The Organization\*.  **\*See D2 IGI NOTES** | B1.3.1 | BC1.3.1 | GL1.3.1 | M1.3.1 |  |  |  |  |  |  |  |
| **C1.6** | The Organization\* shall identify, prevent and resolve disputes over issues of statutory or customary law, which can be settled out of court in a timely manner, through engagement with affected stakeholders. (C2.3 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **1.6.1** | A publically available dispute resolution mechanism is in place; developed through engagement\* with affected stakeholders\*.  **\*See D2 IGI NOTES** | B2.3.1  B4.5.3 | BC2.3.1  BC4.5.1 | GL2.3.1  GL4.5.2 | M2.3.1  M4.5.1 |  |  |  |  |  |  |  |
| **1.6.2** | Disputes related to issues of *applicable laws\* or customary law*\* that can be settled out of court in a timely manner are responded to promptly, and are either resolved or in the process of being resolved. | B2.3.1 | BC2.3.1  BC4.5.2 | GL2.3.1 | M2.3.1 |  |  |  |  |  |  |  |
| **1.6.3** | An up to date record of disputes related to issues of applicable laws\* or customary law, is held including:  a) Steps taken to resolve grievances;  b) Outcomes of all grievances resolution processes including fair compensation; and  c) Unresolved grievances and the reasons why they are not resolved. | B2.3.2  B4.5.4 | BC2.3.2,  BC4.5.3 |  | M2.3.2 |  |  |  |  |  |  |  |
| **1.6.4** | Operations cease in areas while disputes exist of:  a) Substantial magnitude;  b) Substantial duration; or  c) Involving a significant\* number of interests.  **\*See D2 IGI NOTES** | B2.3.3 | BC2.3.3 | GL2.3.2 | M2.3.3 |  |  |  |  |  |  |  |
| **C1.7** | The Organization\* shall\* publicize a commitment not to offer or receive bribes in money or any other form of corruption, and shall comply with anti-corruption legislation where this exists. In the absence of anti-corruption legislation, The Organization\* shall\* implement other anti-corruption measures proportionate to the scale\* and intensity\* of management activities and the risk\* of corruption. (New) |  |  |  |  |  |  |  |  |  |  |  |
| **1.7.1** | An anti-corruption policy is developed, endorsed by senior management, made publically available at no cost and implemented that meets or exceeds existing anti-corruption legislation, including a commitment not to offer or receive bribes in money or any other form of corruption |  |  |  |  |  |  |  |  |  |  |  |
| **1.7.2** | In the absence of anti-corruption legislation, alternative measures are developed, endorsed by senior management, made publically available at no cost and implemented that include a commitment not to engage in any form of bribery and/or corruption. |  |  |  |  |  |  |  |  |  |  |  |
| **1.7.3** | No evidence is found of bribes offered or received in money or any other form of corruption.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **C1.8** | The Organization\* shall\* demonstrate a long-term commitment to adhere to the FSC Principles\* and Criteria\* in the Management Unit\*, and to related FSC Policies and Standards. A statement of this commitment shall be contained in a publicly available document made freely available. (C1.6) |  |  |  |  |  |  |  |  |  |  |  |
| **1.8.1** | A publicly available statement, endorsed by senior management and made publically available at no cost, makes a long- term commitment to forest\* management practices consistent with the FSC Principles\* and Criteria\* and related Policies and Standards.  **\*See D2 IGI NOTES** | B1.6.1  B1.6.2 | BC 1.6.1 | GL1.6.1 | M1.6.1  M1.6.2 |  |  |  |  |  |  |  |
| **1.8.2** | The Organization\* is not directly or indirectly engaged in any of the unacceptable activities identified in the Policy for the Association of Organizations with FSC (FSC-POL-01-004) |  | BC1.6.2  BC1.6.3 |  |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 1? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 1, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 2: Workers’ rights and employment conditions. -**  The Organization\* shall\* maintain and/or enhance the social and economic wellbeing of workers (New)

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| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| **C 2.1** | The Organization\* shall\* uphold\* the principles\* and rights at work as defined in the ILO Declaration on Fundamental Principles and Rights at Work (1998) based on the eight ILO Core Labour Conventions. (C4.3 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **2.1.1** | Employment practices and conditions for workers\* demonstrate conformity with or uphold the principles and rights of work addressed in the ILO Core Labour Conventions.  **\*See D2 IGI NOTES** | B4.3.1 | BC4.3.2 | GL4.3.1 | M4.3.1 |  |  |  |  |  |  |  |
| **2.1.2** | Workers\* can establish or join labour organizations of their own choosing subject only to the rules of the labour organization concerned. | B4.3.1 | BC4.3.1 | GL4.3.1 | M4.3.1 |  |  |  |  |  |  |  |
| **2.1.3** | Agreements resulting from collective bargaining with representatives of trade unions or informal organizations are implemented. |  |  |  |  |  |  |  |  |  |  |  |
| **C 2.2** | The Organization\* shall\* promote gender equality\* in employment practices, training opportunities, awarding of contracts, processes of engagement\* and management activities. (New, per Motion 12 at GA 2002) |  |  |  |  |  |  |  |  |  |  |  |
| **2.2.1** | There is no evidence of discrimination in employment practices and working conditions, and terms of employment take appropriate account of gender-based needs.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **2.2.2** | There is no evidence of systematic sexual harassment and gender discrimination. |  |  |  |  |  |  |  |  |  |  |  |
| **2.2.3** | An effective mechanism is in place to allow workers\* to confidentially and without retaliation report on sexual harassment and gender discrimination. |  |  |  |  |  |  |  |  |  |  |  |
| **2.2.4** | Incidents involving gender discrimination or sexual harassment are dealt with in an effective and timely manner.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **C 2.3** | The Organization\* shall\* implement health and safety practices to protect workers\* from occupational safety and health hazards. These practices shall\*, proportionate to scale, intensity and risk\* of management activities, meet or exceed the recommendations of the ILO Code of Practice on Safety and Health in Forestry Work. (C4.2 V4, revised to comply with ILO and FSC-POL-30-401) |  |  |  |  |  |  |  |  |  |  |  |
| **2.3.1** | A health and safety (H&S) program is developed and implemented that meets or exceeds the ILO Code of Practice on Safety and Health in Forestry Work. | B4.2.1 | BC4.2.1 |  | M4.2.2 |  |  |  |  |  |  |  |
| **2.3.2** | Workers\* are provided with personal protective equipment appropriate to their assigned tasks. Use of this equipment is enforced.  **\*See D2 IGI NOTES** | B4.2.1 |  |  |  |  |  |  |  |  |  |  |
| **2.3.3** | Records are kept on compliance with the H&S program and on accident rates and lost time to accidents. |  |  |  |  |  |  |  |  |  |  |  |
| **2.3.4** | The frequency and severity of accidents are generally decreasing, over time. |  | BC4.2.2 |  |  |  |  |  |  |  |  |  |
| **2.3.5** | The H&S program is periodically reviewed and informed by the Health and Safety records. Additional to periodic review, a focused review of policies and practices is undertaken after every major incident or accident | B4.2.1 |  |  | M4.2.2 |  |  |  |  |  |  |  |
| **C 2.4** | The Organization\* shall\* pay wages that meet or exceed minimum forest industry standards or other recognized forest\* industry wage agreements or living wages\*, where these are higher than the legal\* minimum wages. When none of these exist, The Organization\* shall\* through engagement\* with workers\* develop mechanisms for determining living wages\*. (New) |  |  |  |  |  |  |  |  |  |  |  |
| **2.4.1** | Wages paid by The Organization meet or exceed, in all circumstances, legal\* minimum wage rates, where such rates exist. |  |  |  |  |  |  |  |  |  |  |  |
| **2.4.2** | When either minimum forest industry wage standards or other recognized forest industry wage agreements or living wages\* exist that are higher than legal\* minimum wage rates, then wages paid meet or exceed at least one of those higher minimums. | B4.1.2 | BC4.1.2 | GL4.1.5 |  |  |  |  |  |  |  |  |
| **2.4.3** | When no minimum wage levels exist, living wages\* are established through engagement\* with workers\*. Wages paid meet or exceed the established living wage\* rates. |  |  |  |  |  |  |  |  |  |  |  |
| **2.4.4** | Wages, salaries and contracts are paid on time. |  |  |  |  |  |  |  |  |  |  |  |
| **C 2.5** | The Organization\* shall\* demonstrate that workers\* have job-specific training and supervision to safely and effectively implement the Management Plan\* and all management activities. (C7.3 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **2.5.1** | A documented, up to date training program is in place to ensure that all workers\* are safely and effectively contributing to the implementation of the management plan\* including:  1. Effective procedures are developed and implemented to ensure all staff including workers\* and contractors responsible for implementing forest\* activities comply with applicable legal\* requirements. (Criterion 1.5);  2. Managers, employees and contractors have training about the content and  meaning of the eight ILO Core Labour Conventions (Criterion 2.1);  3. Training is provided to manager, security staff and supervisors to recognize and report on instances of sexual harassment and gender discrimination. (Criterion 2.2);  4. Workers\* and contractors that use hazardous substances are given adequate instruction in their safe use and disposal to ensure that use does not pose health risks\*. (Criterion 2.3);  5. For particularly dangerous jobs or jobs entailing a special responsibility, workers\* receive specialized training ensuring that they are equipped to carry out their responsibilities. (Criterion 2.5).  6. Workers\* are fully aware of where indigenous peoples\* have legal\* and  customary rights related to management activities (Criterion 3.2);  7. All relevant workers\* are trained to identify and implement applicable elements of UNDRIP and ILO Convention 169 (Criterion 3.4);  8. All relevant workers\* are trained to identify sites of special cultural, ecological, economic, religious or spiritual significance to indigenous peoples\* and implement the necessary measures to protect them before  the start of forest\* management activities to avoid negative impacts (Criterion 3.5 and Criterion 4.7);  9. Workers\* are fully aware of where local communities\* have legal\* and customary rights related to management activities (Criterion 4.2);  10. Workers\* trained to carry out social, environmental and economic impact assessment and develop appropriate mitigation measures. (Criterion 4.5);  11. If pesticides\* are used, all workers\* involved in their use have up-to-date training in handling, application and storage procedures. (Criterion 10.7);  and  12. Workers\* are appropriately trained and able to effectively implement procedures for cleaning up spills of waste products. (Criterion 10.12).  **\*See D2 IGI NOTES** | B 7.3.1  B6.7.2  B6.7.1 | BC7.3.1BC4.1.4  BC6.7.1 | GL6.7.1  GL7.3.1  GL7.3.1  GL7.3.1  GL7.3.1 | M7.3.1  M6.7.1 |  |  |  |  |  |  |  |
| **2.5.2** | Training and education records are maintained for all workers\*. |  |  |  |  |  |  |  |  |  |  |  |
| **C 2.6** | The Organization\* through engagement\* with workers\* shall\* have mechanisms for resolving grievances and for providing fair compensation to workers for loss or damage to property, occupational diseases\*, or occupational injuries\* sustained while working for The Organization\*. (New to address gap in P&C V4). |  |  |  |  |  |  |  |  |  |  |  |
| **2.6.1** | A publically available dispute resolution process is in place, developed through engagement\* with workers\*. |  |  | GL4.2.2 |  |  |  |  |  |  |  |  |
| **2.6.2** | Grievances related to workers\* loss or damage of property, occupational diseases\* or injuries are responded to promptly, and are either resolved or in the process of being resolved. |  |  |  |  |  |  |  |  |  |  |  |
| **2.6.3** | An up to date record of grievances related to workers\* loss or damage of property, occupational diseases\* or injuries is held including:  1. Steps taken to resolve grievances;  2. Outcomes of all grievances resolution processes including fair compensation; and  3. Unresolved grievances and the reasons why they were not resolved.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **2.6.4** | Fair compensation is provided to workers\* for loss or damage of property and occupational disease\* or injuries.  **\*See D2 IGI NOTES** | B4.2.2 |  |  |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 2? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 2, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 3: Indigenous Peoples’ Rights. -** The Organization\* shall identify and uphold\* indigenous peoples’\*legal\* and customary rights\* of ownership, use and management of land, territories and resources affected by management activities. (P3 V4)

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |
| **C3.1** | The Organization\* shall\* identify the indigenous peoples\* that exist within the Management Unit\* or those that are affected by management activities. The Organization\* shall\* then, through engagement\* with these indigenous peoples, identify their rights of tenure\*, their rights of access to and use of forest resources and ecosystem services\*, their customary rights\* and legal\* rights and obligations, that apply within the Management Unit\*. The Organization\* shall\* also identify areas where these rights are contested. (New). |  |  |  |  |  |  |  |  |  |  |  |

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| **3.1.1** | A systematic process is used to identify all indigenous peoples\* within the Management Unit\* or that may be affected by management activities.  **\*See D2 IGI NOTES** | B3.1.1 | BC3.1.1 | GL3.1.1  GL3.1.2 | M3.1.1 |  |  |  |  |  |  |  |
| **3.1.2** | Through engagement\* with the indigenous peoples\*, the following are identified, documented and/or mapped:  1. Their customary and legal\* rights of tenure\*;  2. Their customary and legal\* access to, and use rights\* of the forest\* resources and ecosystem services\*;  3. Their customary and legal\* rights and obligations that apply within the Management Unit\*;  4. The evidence supporting these rights and obligations;  5. Areas where rights are contested between indigenous peoples\*, governments and/or others.  **\*See D2 IGI NOTES** | B3.1.1  B3.2.1 | BC3.1.1 | GL3.1.1  GL3.1.2 | M3.1.1  M3.2.1 |  |  |  |  |  |  |  |
| **C3.2** | The Organization\* shall\* recognize and uphold\* the legal\* and customary rights\* of indigenous peoples\* to maintain control over management activities within or related to the Management Unit\* to the extent necessary to protect their rights, resources and lands and territories\*. Delegation by indigenous peoples\* of control over management activities to third parties requires Free, Prior and Informed Consent\*. (C3.1 and 3.2 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **3.2.1** | *Indigenous peoples\* are informed in culturally appropriate ways when, where and how they can comment on and request modification to management activities to the extent necessary to protect their rights, resources, lands and territories\*.*  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **3.2.2** | There is no evidence of infringement on the legal\* and customary rights\* of indigenous peoples\* related to management activities. | B3.2.2  B3.3.3 | BC3.2.1 | GL3.2.2  GL3.3.3 | M3.2.2  M3.3.3 |  |  |  |  |  |  |  |
| **3.2.3** | Where such rights exist, indigenous peoples\* are permitted to access and/or transit through the Management Unit\* where this does not cause non- compliance with this standard and the management objectives\*. |  |  |  |  |  |  |  |  |  |  |  |
| 3.2.4 | Delegation of control by indigenous peoples\* over management activities of resources over which they have rights occurs only with the indigenous peoples\*’ free, prior and informed consent\*, including:  1. Ensuring indigenous peoples\* know their rights and obligations regarding the resource;  2. Informing the indigenous peoples\* of the value, in economic, social and environmental terms, of the resource over which they are considering delegation of control;  3. Informing the indigenous peoples\* of their right to withhold consent to the proposed management activities to the extent necessary to protect rights, resources, lands and territories\*;  4. Informing the indigenous peoples\* of the current and future planned forest\* management activities;  5. Defining the decision making processes to be used by the community and the Organisation;  6. Defining the fair negotiation of consent agreements including fair compensation for the use of the resource, in a culturally acceptable way for the indigenous peoples\*, and if needed with the assistance of neutral advisors;  7. Ensuring any agreement reached is documented and formally acknowledged; 8. Monitoring that the agreement is being upheld by all parties;  9. Periodically re-negotiating the terms of the consent agreement to take into account changing conditions and grievances; and  10. Traditional knowledge and intellectual property\* is identified, recognized and documented if feasible, while respecting the confidentiality of that knowledge and the protection\* of intellectual property\* rights.  **\*See D2 IGI NOTES** | B3.1.2  B3.1.4  B3.2.1  B3.3.1  B3.4.1 | BC3.1.2  BC3.1.4  BC3.1.5  BC3.4.1  BC3.4.2 | GL3.1.3  GL3.1.5  GL3.3.1  GL3.4.1 | M3.1.2  M3.1.4  M3.2.1  M3.3.1  M3.4.1 |  |  |  |  |  |  |  |
| **C3.3** | In the event of delegation of control over management activities, a binding agreement between The Organization\* and the indigenous peoples\* shall\* be concluded through Free, Prior and Informed Consent\*. The agreement shall\* define its duration, provisions for renegotiation, renewal, termination, economic conditions and other terms and conditions. The agreement shall make provision for monitoring by indigenous peoples\* of The Organization\*’s compliance with its terms and conditions. (New) |  |  |  |  |  |  |  |  |  |  |  |
| **3.3.1** | In the event of delegation of control over management activities, a binding agreement is concluded that includes:  1. Duration  2. Provisions for renegotiation, renewal and termination  3. Economic conditions including but not limited to costs and benefit sharing;  4. Provisions for monitoring by indigenous peoples\* to ensure compliance with the terms and conditions of the agreement; and  5. Other terms and conditions agreed to by all parties.  **\*See D2 IGI NOTES** | B3.1.2  B3.1.4 | BC3.1.2  BC3.1.4  BC3.1.5 | GL3.1.3 | M3.1.2 M3.1.4 |  |  |  |  |  |  |  |
| **3.3.2** | Records of binding agreements are maintained. |  |  |  |  |  |  |  |  |  |  |  |
| **C3.4** | The Organization\* shall\* recognize and uphold\* the rights, customs and culture of indigenous peoples\* as defined in the United Nations Declaration on the Rights of Indigenous Peoples (2007) and ILO Convention 169 (1989) (C3.2 V4, revised to comply with FSC-POL-30-401, ILO 169 and UNDRIP) |  |  |  |  |  |  |  |  |  |  |  |
| **3.4.1** | Indigenous peoples\* are informed of their rights, customs and culture defined in UNDRIP and ILO Convention 169.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **3.4.2** | There is no evidence of infringement of UNDRIP and ILO Convention 169.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **C 3.5** | The Organization\*, through engagement\* with indigenous peoples\*, shall\* identify sites which are of special cultural, ecological, economic, religious or spiritual significance and for which these indigenous peoples\* hold legal\* or customary rights\*. These sites shall\* be recognized by The Organization\* and their management, and/or protection\* shall\* be agreed through engagement\* with these indigenous peoples\*. (C3.3 V4, revised to POL 30-401) |  |  |  |  |  |  |  |  |  |  |  |
| **3.5.1** | Sites of special cultural, ecological, economic, religious or spiritual significance for which indigenous peoples\* hold legal\* or customary rights\* and measures to protect them are identified through culturally appropriate engagement\*.  **\*See D2 IGI NOTES** | B3.3.1 | BC3.3.1 | GL3.3.1 | M3.3.1 |  |  |  |  |  |  |  |
| **3.5.2** | Measures to protect such sites are agreed, documented and implemented through culturally appropriate engagement\* with indigenous peoples\*.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **3.5.3** | Wherever and whenever cultural or archaeological sites are newly observed or discovered, management activities cease immediately in the vicinity until protective measures have been agreed to with the indigenous peoples\*, and as directed by local and national laws\*. | B3.3.3 |  | GL3.3.3 | M3.3.3 |  |  |  |  |  |  |  |
| **C3.6** | The Organization\* shall\* uphold\* the right of indigenous peoples\* to protect\* and utilize their traditional knowledge and shall\* compensate local communities\* for the utilization of such knowledge and their intellectual property\*. A binding agreement as per Criterion 3.3 shall\* be concluded between The Organization\* and the indigenous peoples\* for such utilization through Free, Prior and Informed Consent\* before utilization takes place, and shall\* be consistent with the protection\* of intellectual property\* rights. (New) |  |  |  |  |  |  |  |  |  |  |  |
| **3.6.1** | Traditional knowledge and intellectual property\* is protected and is only used when the holders of that traditional knowledge and intellectual property\* have provided their Free, Prior and Informed Consent\*. |  |  |  |  |  |  |  |  |  |  |  |
| **3.6.2** | A binding agreement is concluded with the indigenous peoples\* through Free, Prior and Informed Consent\* for the utilization of indigenous peoples’ traditional knowledge and intellectual property\* before such utilization takes place. | B3.4.1 | BC3.4.2 | GL3.4.1 | M3.4.1 |  |  |  |  |  |  |  |
| **3.6.3** | The benefits accruing from the use of indigenous peoples\*’ traditional knowledge and intellectual property\* are shared equitably with indigenous peoples\* |  |  |  |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 3? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 3, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 4: Community Relations -** The Organization\* shall\* contribute to maintaining or enhancing the social and economic wellbeing of local communities\*.

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| C4.1 | The Organization\* shall\* identify the local communities\* that exist within the Management Unit\* and those that are affected by management activities. The Organization\* shall\* then, through engagement\* with these local communities\*, identify their rights of tenure\*, their rights of access to and use of forest resources and ecosystem services\*, their customary rights\* and legal\* rights and obligations, that apply within the Management Unit\*. (New) |  |  |  |  |  |  |  |  |  |  |  |
| 4.1.1 | A systematic process is used to identify all local communities\* within the Management Unit\* or that may be affected by management activities. |  |  |  |  |  |  |  |  |  |  |  |
| 4.1.2 | Through engagement\* with the local communities\*, the following are identified, documented and/or mapped:  1. Their customary and legal\* rights of tenure\*;  2. Their customary and legal\* access to, and use rights\* of the forest\* resources and ecosystem services\*;  3. Their customary\* and legal\* rights and obligations that apply within the Management Unit\*;  4. The evidence supporting these rights and obligations;  5. Areas where rights are contested between local communities \*, governments and/or others. | B2.2.1 | BC2.2.1 | GL2.2.1 | M2.2.1 |  |  |  |  |  |  |  |
| C4.2 | The Organization\* shall\* recognize and uphold\* the legal\* and customary rights\* of local communities\* \* to maintain control over management activities within or related to the Management Unit\* to the extent necessary to protect their rights, resources and lands and territories\*. Delegation by local communities\* of control over management activities to third parties requires Free, Prior and Informed Consent\*. (C3.1 and 3.2 V4) |  |  |  |  |  |  |  |  |  |  |  |
| *4.2.1* | *Local communities\* are informed in culturally appropriate ways of when, where and how they can comment on and request modification to management activities to the extent necessary to protect their rights, resources, lands and territories\*.* |  |  |  |  |  |  |  |  |  |  |  |
| 4.2.2 | There is no evidence of infringement on the legal\* and customary rights\* of local communities\* related to management activities. |  |  |  |  |  |  |  |  |  |  |  |
| 4.2.3 | Where such rights exist, local communities\* are permitted to access and/or transit through the Management Unit\* where this does not cause non- compliance with this standard and the management objectives\*. |  |  |  |  |  |  |  |  |  |  |  |
| 4.2.4 | Delegation of control by local communities\* over management activities of resources over which they have rights occurs only with their free, prior and informed consent\*, including: 1. Ensuring local communities\* know their rights and obligations regarding the resource;  2. Informing the local communities\* of the value, in economic, social and environmental terms, of the resource over which they are considering delegation of control;  3. Informing the local communities\* of their right to withhold consent to the proposed management activities to the extent necessary to protect rights, resources, lands and territories\*;  4. Informing the local communities\* of the current and future planned forest\* management activities;  5. Defining the decision making processes to be used by the community and the Organisation;  6. Defining the fair negotiation of consent agreements including fair compensation for the use of the resource, in a culturally acceptable way for the local communities\*, and if needed with the assistance of neutral advisors;  7. Ensuring any agreement reached is documented and formally acknowledged;  8. Monitoring that the agreement is being upheld by all parties;  9. Periodically re-negotiating the terms of the consent agreement to take into account changing conditions and grievances; and  10. Traditional knowledge and intellectual property\* is identified, recognized and documented if feasible, while respecting the confidentiality of that knowledge and the protection\* of intellectual property\* rights. | B4.4.1  B4.4.3  B2.2.2 | BC2.2.2 | GL4.4.1 GL2.2.2 | M4.4.1  M4.4.2 M2.2.3 |  |  |  |  |  |  |  |
| C4.3 | The Organization\* shall\* provide reasonable\* opportunities for employment, training and other services to local communities\*, contractors and suppliers proportionate to scale\* and intensity\* of its management activities. (C4.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| *4.3.1* | *Reasonable\* opportunities for employment, training and other services are identified, communicated and provided to local communities\*, contractors and suppliers.* | B4.1.1 | BC4.1.1  BC4.1.4 | GL4.1.2  GL4.1.3 | M4.1.2  M4.1.3 |  |  |  |  |  |  |  |
| C4.4 | The Organization\* shall\* implement additional activities, through engagement\* with local communities\*, that contribute to their social and economic development, proportionate to the scale\*, intensity\* and socio-economic impact of its management activities. (C4.4 v4) |  |  |  |  |  |  |  |  |  |  |  |
| 4.4.1 | Opportunities for local social and economic development are identified through engagement\* with local communities\* and other relevant organizations. |  |  |  |  |  |  |  |  |  |  |  |
| 4.4.2 | Local development projects and activities and associated budgets are developed and implemented for local social and economic development taking into account related activities promoted by relevant organizations. | B4.1.5, B4.1.6 | BC4.1.6 | GL4.1.1  GL4.1.3  GL4.1.6 | M4.1.1  M4.1.2 |  |  |  |  |  |  |  |
| C4.5 | The Organization\*, through engagement\* with local communities\*, shall\* take action to identify, avoid and mitigate significant negative social, environmental and economic impacts of its management activities on affected communities. The action taken shall\* be proportionate to the scale, intensity and risk\* of those activities and negative impacts. (C4.4 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 4.5.1 | Through engagement\* with local communities\*, effective measures are identified and implemented to avoid and mitigate any significant negative social, environmental and economic impacts of management activities. | B4.4.8 |  |  | M4.4.5 |  |  |  |  |  |  |  |
| C4.6 | The Organization\*, through engagement\* with local communities\*, shall\* have mechanisms for resolving grievances and providing fair compensation to local communities\* and individuals with regard to the impacts of management activities of The Organization\*. |  |  |  |  |  |  |  |  |  |  |  |
| 4.6.1 | A publically available dispute resolution process is in place, developed through engagement\* with local communities\*. | B4.5.3  B2.3.1 | BC4.5.1  BC4.5.2 BC2.3.1 | GL4.5.2 GL2.3.1 | M4.5.1 M2.3.1 |  |  |  |  |  |  |  |
| 4.6.2 | Grievances related to the impacts of management activities are responded to promptly, and are either resolved or in the process of being resolved. | B4.5.4 |  |  |  |  |  |  |  |  |  |  |
| 4.6.3 | An up to date record of grievances related to the impacts of management activities is held including:  1. Steps taken to resolve grievances 1. Outcomes of all grievances resolution processes including fair compensation; and  2. Unresolved grievances and the reasons why they are not resolved. | B2.3.2 | BC4.5.3 BC2.3.2 |  | M2.3.2 |  |  |  |  |  |  |  |
| 4.6.4 | Fair compensation is provided to local communities\* and individuals for damage caused by negative impacts of management activities. |  | BC4.5.4  BC4.5.5 |  |  |  |  |  |  |  |  |  |
| 4.6.5 | Operations cease in areas while disputes exist of:  1. Substantial magnitude;  2. Substantial duration; or  3. Involving a significant\* number of interests. | B2.3.3 | BC2.3.3 | GL2.3.2 | M2.3.3  M2.3.3 |  |  |  |  |  |  |  |
| C4.7 | The Organization\*, through engagement\* with local communities\*, shall\* identify sites which are of special cultural, ecological, economic, religious or spiritual significance, and for which these local communities\* hold legal\* or customary rights\*. These sites shall\* be recognized by The Organization\*, and their management and/or protection\* shall\* be agreed through engagement\* with these local communities\*. |  |  |  |  |  |  |  |  |  |  |  |
| 4.7.1 | Sites of special cultural, ecological, economic, religious or spiritual significance, for which local communities\* hold legal\* or customary rights\* and measures to protect them are identified through culturally appropriate engagement\*. | B4.4.8 |  |  |  |  |  |  |  |  |  |  |
| 4.7.2 | Measures to protect such sites are agreed, documented and implemented through culturally appropriate engagement\* with local communities\*. | B4.4.8 |  |  |  |  |  |  |  |  |  |  |
| 4.7.3 | Wherever and whenever cultural or archaeological sites are newly observed or discovered, management activities cease immediately in the vicinity until protective measures have been agreed to with the local communities\*, and as directed by local and national laws\*. |  |  |  |  |  |  |  |  |  |  |  |
| C4.8 | The Organization\* shall\* uphold\* the right of local communities\* to protect\* and utilize their traditional knowledge and shall\* compensate local communities\* for the utilization of such knowledge and their intellectual property\*. A binding agreement as per Criterion\* 3.3 shall\* be concluded between The Organization\* and the local communities\* for such utilization through Free, Prior and Informed Consent\* before utilization takes place, and shall\* be consistent with the protection\* of intellectual property\* rights. (New) |  |  |  |  |  |  |  |  |  |  |  |
| 4.8.1 | Traditional knowledge and intellectual property\* is protected and is only used when the holders of that traditional knowledge and intellectual property\* have provided their Free, Prior and Informed Consent\*. |  |  |  |  |  |  |  |  |  |  |  |
| 4.8.2 | A binding agreement is concluded with the local communities\* through Free, Prior and Informed Consent\* for the utilization of local communities’\* traditional knowledge and intellectual property\* before such utilization takes place. |  |  |  |  |  |  |  |  |  |  |  |
| 4.8.3 | The benefits accruing from the use of local communities\*’ traditional knowledge and intellectual property\* are shared equitably with local communities\*. |  |  |  |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 4? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 4, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 5: Benefits from the forest**. - The Organization\* shall efficiently manage the range of multiple products and services of the Management Unit\* to maintain or enhance long term economic viability\* and the range of social and environmental benefits

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| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| C5.1 | The Organization\* shall identify, produce, or enable the production of, diversified benefits and/or products, based on the range of resources and ecosystem services\* existing in the Management Unit\* in order to strengthen and diversify the local economy proportionate to the scale\* and intensity\* of management activities. (C5.2 and 5.4 V4). |  |  |  |  |  |  |  |  |  |  |  |
| 5.1.1 | Consistent with management objectives\* the range of resources and ecosystem services\* are identified.  **\*See D2 IGI NOTES** | B5.4.1 | BC5.2.3  BC5.5.1  BC5.4.2 | GL5.5.1 | M5.2.3  M5.5.1  M5.4.2 |  |  |  |  |  |  |  |
| 5.1.2 | Consistent with management objectives\*, the identified benefits and products are produced and/or made available for others to produce, to strengthen and diversify the local economy.  **\*See D2 IGI NOTES** | B5.2.2  B5.2.1  B5.4.2 | BC5.2.1  BC5.2.2  BC5.4.1 | GL5.2.1  GL5.4.1 | M5.2.1  M5.2.2  M5.2.3  M5.4.1  M5.5.3 |  |  |  |  |  |  |  |
| C5.2 | The Organization\* shall normally harvest products and services from the Management Unit\* at or below a level which can be permanently sustained. (C5.6 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 5.2.1 | Harvest rates for timber are based on an analysis that includes:  1. A precautionary approach\* that reflects the quality of information used; 2. Up-to-date growth and yield information;  3. Up-to-date inventory data;  4. Volume and area reductions caused by mortality and decay as well as natural disturbances such as fire, insects and disease;  5. Sensitivity analyses of the factors that apply to harvest rate calculations, with specific attention to input estimations and assumptions where data are weak; and  6. Volume and area reductions to account for adherence to all other requirements in this standard.  **\*See D2 IGI NOTES** | B5.6.1  B5.6.2 | BC5.6.1BC5.6.2 |  | M5.6.1 |  |  |  |  |  |  |  |
| 5.2.2 | Based on the harvest rates analysis, a maximum allowable annual cut for timber is determined that does not exceed a harvest level that can be permanently sustained including by ensuring that harvest rates do not exceed growth over successive harvests.  **\*See D2 IGI NOTES** |  |  |  | M5.6.2 |  |  |  |  |  |  |  |
| 5.2.3 | Actual annual harvest rates for timber are recorded and the harvest over a ten-year period does not exceed the allowable cut determined in 5.2.2 for the same ten-year period.  **\*See D2 IGI NOTES** | B5.6.4 | BC5.6.4  BC5.6.5 | GL5.6.1 |  |  |  |  |  |  |  |  |
| 5.2.4 | For extraction of non-timber forest products\* under The Organization’s\* control a sustainable harvest level is calculated and adhered to. Sustainable harvest levels are based on best available inventory and productivity data.  **\*See D2 IGI NOTES** |  | BC5.6.3 |  |  |  |  |  |  |  |  |  |
| 5.2.5 | Where non-timber forest products\* under The Organization’s\* control are identified as being threatened by management activities, actual harvest rates are documented |  |  |  |  |  |  |  |  |  |  |  |
| 5.2.6 | Harvest rates for commercially harvested non-timber forest products\* under The Organization’s\* control are adjusted when monitoring of actual harvest rates indicates over-harvesting. | B5.5.1 |  |  |  |  |  |  |  |  |  |  |
| 5.2.7 | Strategies are developed and implemented to maintain and / or enhance the provision of ecosystem services\*. |  |  |  |  |  |  |  |  |  |  |  |
| C5.3 | The Organization\* shall demonstrate that the positive and negative externalities\* of operations are included in the management plan\*. (C5.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 5.3.1 | Strategies to address externalities\* that result from management activities are identified and included in the management plan\*.  **\*See D2 IGI NOTES** | B5.1.1 | BC5.1.2, | GL5.1.1 | M5.1.1 |  |  |  |  |  |  |  |
| C5.4 | The Organization\* shall use local processing, local services, and local value adding to meet the requirements of The Organization\* where these are available, proportionate to scale, intensity and risk\*. If these are not locally available, The Organization\* shall make reasonable\* attempts to help establish these services. (C5.2 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 5.4.1 | Where cost and quality are at least equivalent to non-local versions, local goods, services, processing and value-added facilities are used.  **\*See D2 IGI NOTES** | B5.2.2  B4.1.6 | BC5.2.1  BC4.1.6 | GL5.2.2  GL4.1.1 | M5.2.1  M4.1.2 |  |  |  |  |  |  |  |
| 5.4.2 | Reasonable\* attempts are made to establish and encourage capacity where local goods, services, processing and value-added facilities are not available and where this does not encourage harvest in excess of those established on Criterion\* 5.2.  **\*See D2 IGI NOTES** | B5.4.1  B5.4.2  B5.4.3  B4.1.5 | BC5.4.1  BC5.4.2  BC4.1.4 | GL5.4.1  GL4.1.3 | M5.4.1  M5.4.2  M4.1.2  M4.1.3 |  |  |  |  |  |  |  |
| C5.5 | The Organization\* shall demonstrate through its planning and expenditures proportionate to scale, intensity and risk\*, its commitment to long-term economic viability\*. (C5.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 5.5.1 | Budgets allocate sufficient funds to implement the Management Plan\* in order to meet this standard and to ensure long-term economic viability\*.  **\*See D2 IGI NOTES** | B5.1.1 | BC5.1.2 | GL5.1.1 | M5.1.1 |  |  |  |  |  |  |  |
| 5.5.2 | Expenditures and investments are made to implement the Management Plan\* in order to meet this standard and to ensure long-term economic viability\*.  **\*See D2 IGI NOTES** | B5.1.2 | BC5.1.3BC5.1.4 |  | M5.1.1  M5.1.2 |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 5? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 5, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 6: Environmental Values and Impacts -** The Organization\* shall\* maintain, conserve and/or restore ecosystem services\* and environmental values\* of the Management Unit\*, and shall\* avoid, repair or mitigate negative environmental impacts. (P6 V4)

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| **C 6.1** | | (New) The Organization\* shall\* assess environmental values\* in the Management Unit\* and those values outside the Management Unit\* potentially affected by management activities. This assessment shall\* be undertaken with a level of detail, scale and frequency that is proportionate to the scale, intensity and risk\* of management activities, and is sufficient for the purpose of deciding the necessary conservation\* measures, and for detecting and monitoring possible negative impacts of those activities. | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.1.1** | | Best Available Information is used to assess environmental values\* within, and, where  potentially affected by management activities, outside of the Management Unit\*, including:  1. Ecosystem functions\* (including a baseline of carbon stocks and fluxes);  2. Biological diversity\* (natural community types and their extent, current community types and their extent, rare species (Criterion\* 6.5) and community types (Criterion\* 6.4), natural disturbance regimes);  3. Water resources (water quality, riparian habitats, condition and characteristics of watercourses and water bodies; sensitive areas; water bodies needing restoration; and presence of mangroves, wetlands, and other water purifying or flood regulating ecosystems);  4. Soils (soil types, sensitive soils, soils in need of restoration, etc.); and,  5. Landscape values\* (Criterion\* 6.8).  **\*See D2 IGI NOTES** | | B6.1.3  B6.1.4 | BC6.1.1  BC6.1.2  BC6.1.3  BC6.1.5  BC6.1.6 | GL6.1.2  GL6.1.4  GL6.1.6 |  |  |  |  |  |  |  |  | |
| **6.1.2** | | Assessments are conducted at appropriate scales\* so that:  1. Impacts of management activities are assessed (Criterion\* 6.2);  2. Risks\* to environmental values\* are identified;  3. Necessary conservation\* measures to protect values are identified; and,  4. Monitoring of impacts or environmental changes can be conducted. | | B6.1.4 | BC6.1.5  BC6.1.6 | GL6.1.5 | M6.1.1 |  |  |  |  |  |  |  | |
| **C 6.2** | | (revised 6.1) Prior to the start of site-disturbing activities, The Organization\* shall\* identify and assess the scale, intensity and risk\* of potential impact | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.2.1** | | Potential impacts of all management activities on identified environmental values\* within and outside the Management Unit\*, are identified and assessed during management planning and prior to site-disturbing activities.  **\*See D2 IGI NOTES** | | B6.1.10  B6.1.2 |  |  | M6.1.1 |  |  |  |  |  |  |  | |
| **6.2.2** | | The assessment of potential impacts is at a level of detail and at a scale\* that is sufficient to identify and describe:  1. Necessary impact prevention and mitigation measures;  2. Monitoring to detect and mitigate possible negative impacts can be identified;  and  3. Both site-specific and larger-scale impacts can be identified and addressed. | | B6.1.3 | BC6.1.8 |  |  |  |  |  |  |  |  |  | |
| **6.2.3** | | The potential cumulative impacts of multiple management activities on identified environmental values\* are identified and assessed. | |  |  |  |  |  |  |  |  |  |  |  | |
| **C 6.3** | | (revised 6.1) The Organization\* shall\* identify and implement effective actions to prevent negative impacts of management activities on the environmental values\*, and to mitigate and repair those that occur, proportionate to the scale, intensity and risk\* of these impacts. (C6.1 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.3.1** | | Management activities are planned and implemented to prevent negative impacts and to protect environmental values\*.  **\*See D2 IGI NOTES** | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.3.2** | | Negative impacts to environmental values\* are prevented, including through implementation of prescribed management activities. | | B6.1.11 | BC6.1.10 | GL6.1.9 |  |  |  |  |  |  |  |  | |
| **6.3.3** | | Where impact prevention is unsuccessful, measures are adopted to prevent further damage, and negative impacts to environmental values\* are mitigated and repaired. | |  |  |  |  |  |  |  |  |  |  |  | |
| **C 6.4** | | (revised 6.2) The Organization\* shall\* protect rare species\* and threatened species\* and their habitats\* in the Management Unit\* through conservation zones\*, protection areas\*, connectivity\* through conservation zones\*, protection areas\*, connectivity\* and/or (where necessary) other direct measures for their survival and viability. These measures shall\* be proportionate to the scale, intensity and risk\* of management activities and to the conservation\* status and ecological requirements of the rare and threatened species\*. The Organization\* shall\* take into account the geographic range and ecological requirements of rare and threatened species\* beyond the boundary of the Management Unit\*, when determining the measures to be taken inside the Management Unit\*. (C6.2 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.4.1** | | The Best Available Information is used to identify rare and threatened species\*, and their habitats\*, including CITES species and those listed on national, regional and local lists of rare and threatened species\* that are present or likely to be present within the Management Unit\* and adjacent to the Management Unit\*.  **\*See D2 IGI NOTES** | | B6.2.1 | BC6.2.1 | GL6.2.1 |  |  |  |  |  |  |  |  | |
| **6.4.2** | | Potential impacts of management activities on rare and threatened species\* and their habitats\* are identified. | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.4.3** | | The rare and threatened species\* and their habitats\* are protected, including through the provision of conservation zones\*, protection areas\*, connectivity\*, and other direct measures for their survival and viability, such as the species’ recovery programs.  **\*See D2 IGI NOTES** | |  | BC6.2.2 | GL6.2.4 |  |  |  |  |  |  |  |  | |
| **6.4.4** | | Hunting, fishing, trapping and collection of rare or threatened species\*is prevented.  **\*See D2 IGI NOTES** | | B6.2.7 | BC6.2.5 | GL6.2.2 | M6.2.4 |  |  |  |  |  |  |  | |
| **C 6.5** | | (revised 6.4 and 10.5) The Organization\* shall\* identify and protect representative sample areas of native ecosystems\* and/or restore them to more natural conditions\*. Where representative sample areas do not exist, The Organization shall\* restore a proportion of the Management Unit\* to more natural conditions\*. The size of the areas and the measures taken for their protection or restoration shall\* be proportionate to the conservation\* status and value of the ecosystems\* at the landscape\* level, and the scale, intensity and risk\* of management activities. (C6.4 and 10.5 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.5.1** | | Prior to the first assessment and using the Best Available Information and scientifically rigorous methods, native ecosystems\* that exist, or would exist under natural conditions\* are identified.  **\*See D2 IGI NOTES** | | B6.1.5 | BC6.1.7 | GL6.1.3  GL6.1.4 | M6.4.1 |  |  |  |  |  |  |  | |
| **6.5.2** | | Prior to the first assessment and using the Best Available Information and scientifically rigorous methods, representation analysis is conducted to identify native ecosystems\* that are not adequately represented in the protected in the Management Unit\* in sufficient condition to function as natural ecosystems.  **\*See D2 IGI NOTES** | | B6.4.1 |  | GL6.4.1 |  |  |  |  |  |  |  |  | |
| **6.5.3** | | Representative sample areas of natural native ecosystems\* are designated, protected, and/or restored in the Management Unit\*;  1. Existing representative sample areas of sufficient condition to function as natural ecosystems are mapped and protected within the Management Unit\*;  2. If representative sample areas of sufficient condition do not exist within the Management Unit\*, or if existing representative sample areas inadequately  represent native ecosystems, a proportion of the Management Unit\*is restored to more natural conditions\*; and  3. The sum of existing representative sample areas and/or restoration\* areas is proportionate to the conservation\* status and value of the ecosystems\* at the landscape level, the size of the Management Unit\* and the intensity\* of forest\* management.”  **\*See D2 IGI NOTES** | | B6.4.2  B6.1.5  B10.5.1 | BC6.4.1  BC6.4.2  BC6.1.7 | GL6.4.2  GL6.1.3  GL6.1.4 | M6.4.2 |  |  |  |  |  |  |  | |
| **C 6.6** | | (revised 6.2 and 6.3) The Organization\* shall\* effectively maintain the continued existence of naturally occurring native species and genotypes\*, and prevent losses of biological diversity\*, especially through habitat\* management in the Management Unit\*. The Organization\* shall\* demonstrate that effective measures are in place to manage and control hunting, fishing, trapping and collecting. (C6.2 and C6.3 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.6.1** | | Best Available Information is used to identify the habitat characteristics required by the range of naturally occurring species and their genetic diversity that may be affected by management activities.  **\*See D2 IGI NOTES** | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.6.2** | | Experts knowledgeable about the local biodiversity are engaged, and relevant sources are consulted in identifying naturally occurring species and genotypes\* and their natural distribution. | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.6.3** | | Assessments are completed to determine if management activities provide sufficient habitat characteristics for the range of naturally occurring species and their genetic diversity. | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.6.4** | | Habitat\* characteristics to maintain and restore\* biodiversity are protected or recruited, including through the implementation of management activities.  **\*See D2 IGI NOTES** | | B6.2.3  B6.3.4 | BC6.3.7  BC6.3.8 |  |  |  |  |  |  |  |  |  | |
| **6.6.5** | | Up-to-date information is maintained about hunting, fishing, trapping or collecting  activities, including authorized or permitted harvest levels; | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.6.6** | | Effective measures are in place to limit hunting, fishing, trapping or collecting activities so that naturally occurring native species, their genetic diversity and their natural distribution are maintained  **\*See D2 IGI NOTES** | | B1.5.2  B6.2.7 | BC1.5.1  BC6.2.5 | GL1.5.1  GL6.2.2 | M1.5.2  M6.2.4 |  |  |  |  |  |  |  | |
| **C 6.7** | | (revised 6.5 and 10.2) The Organization\* shall\* protect or restore natural water courses, water bodies, riparian zones and their connectivity\*. The Organization\* shall\* avoid negative impacts on water quality and quantity and mitigate and remedy those that occur. (C6.5 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.7.1** | | Natural water courses and water bodies are identified and mapped.  **\*See D2 IGI NOTES** | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.7.2** | | Natural water courses, and water bodies, and water quality are protected,  **\*See D2 IGI NOTES** | | B6.3.17  B6.3.18  B6.5.1 | BC6.3.17  BC6.5.1  BC6.5.3  BC6.5.5  BC6.5.6  BC6.5.7  BC6.5.8  BC6.5*bis1* | GL6.2.7  GL6.3.8  GL6.3.9  GL6.5.1 | M6.3.11  M6.5.1  M6.5.2  M6.5.3  M6.5.4 |  |  |  |  |  |  |  | |
| **6.7.3** | | Where protection\* measures implemented do not protect watercourses and water  bodies from impacts of forest\* harvesting activities, measures are implemented that restore\*:  1. Natural water courses, water bodies and their connectivity\*;  2. Habitat\* for aquatic species that breed in surrounding uplands;  3. Habitat\* for predominantly terrestrial species that breed in adjacent aquatic  habitats\*;  4. Habitat\* for species that use riparian areas for feeding, cover, and travel;  5. Habitat\* for plant species associated with riparian areas;  6. Stream shading and inputs of wood and leaf litter into the adjacent aquatic areas;  7. In stream habitat\*; and  8. Water quality and water quantity. | | B6.5.4 | BC6.5.7  BC6.5*bis1* |  |  |  |  |  |  |  |  |  | |
| **6.7.4** | | Natural water courses and water bodies, and water quality that have been damaged by past land or water use by The Organization\*, are restored. Where there is continued environmental degradation caused by previous managers and the activities of third parties, measures are implemented that prevent or mitigate continued environmental degradation. | | B6.5.4 | BC6.5.7  BC6.5*bis1* |  |  |  |  |  |  |  |  |  | |
| **6.7.5** | | Blockages of watercourses, stream flows and fish passages are not created, and existing artificial blockages are removed or remedied wherever the Organization has the authority to do so. | |  |  |  |  |  |  |  |  |  |  |  | |
| **C 6.8** | | (revised 10.2 and 10.3) The Organization\* shall\* manage the landscape\* in the Management Unit\* to maintain and/or restore a varying mosaic of species, sizes, ages, spatial scales and regeneration cycles appropriate for the landscape values\* in that region, and for enhancing environmental and economic resilience\*. (C10.2 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.8.1** | | The landscape\* is managed to maintain and/or restore\* habitat connectivity and a varying mosaic of species, sizes, ages, spatial scales and regeneration cycles consistent with natural forest types and disturbance patterns.  **\*See D2 IGI NOTES** | | B10.2.1  B10.2.2  B10.3.1  B6.3.2 | BC10.2.1 | GL10.2.1  GL10.3.1 | M10.2.1  M10.2.2  M10.3.1  M6.3.1 |  |  |  |  |  |  |  | |
| **6.8.2** | | Where the current mosaic of species, sizes, ages, spatial scales and regeneration cycles is significantly different than the natural condition, or where the current structure of the forest\* lacks natural levels of diversity,  management activities and measures are implemented that enhance or restore spatial diversity | | B6.3.4 | BC6.3.1 | GL6.3.1  GL6.3.2  GL6.3.3 |  |  |  |  |  |  |  |  | |
| **C 6.9** | | (revised 6.10) The Organization\* shall\* not convert natural forest\* to plantations\*, nor natural forests\* or plantations\* to any other land use, except when the conversion:  a) affects a very limited portion of the area of the Management Unit\*, and  b) will produce clear, substantial, additional, secure long-term conservation\* benefits in the Management Unit\*, and  c) does not damage or threaten High Conservation Values\*, nor any sites or resources necessary to maintain or enhance those High Conservation Values\*. (C6.10 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.9.1** | | Forest\* areas that have been converted (either from plantation\* to non-forest\* use or from natural forest\* to plantation\* or to non-forest\* use) since 1994 and / or are scheduled for conversion are identified. | | B10.9.1 |  | GL10.9.1 | M10.9.1 |  |  |  |  |  |  |  | |
| **6.9.2** | | No conversion to plantations\* or non-forest\* lands occurs, except in circumstances  where the conversion:  1. Affects no more than 0.5% of the total area of the Management Unit\* in the current or any future year and does not result in a cumulative total area converted in excess of 5% of the Management Unit\* since November 1994; and  2. The conversion, will produce clear, substantial, additional, secure long-term  conservation\* benefits in the Management Unit\*; and  3. Does not damage or threaten High Conservation Values\*, nor any sites or resources necessary to maintain or enhance those High Conservation Values\*. | | B6.10.1  B6.10.2  B6.10.3 | BC6.10.1  BC6.10b  BC6.10.2 | GL6.10.1GL6.10.2  GL6.10.3 | M6.10.1 |  |  |  |  |  |  |  | |
| **C6.10** | | (revised 10.9) Management Units\* containing plantations\* that were  established on areas converted from natural forest\* after November 1994 shall\* not  qualify for certification, except where:  a) Clear and sufficient evidence is provided that The Organization\* was not directly  or indirectly responsible for the conversion, or  b) the conversion affected a very limited portion of the area of the Management  Unit\* and is producing clear, substantial, additional, secure long term conservation\* benefits in the Management Unit\*. (C10.9 V4) | |  |  |  |  |  |  |  |  |  |  |  | |
| **6.10.1** | | Areas of plantations\*, their original establishment dates, and the prior status of the areas are identified. | | B10.9.1 |  | GL10.9.1 | M10.9.1 |  |  |  |  |  |  |  | |
| **6.10.2** | | No areas have been converted from natural forest\* to plantation\* since November  1994 except where:  1. The Organization\* provides clear and sufficient evidence that it was not directly or indirectly responsible for the conversion; or  2. The conversion, will produce clear, substantial, additional, secure long-term  conservation\* benefits in the Management Unit\*; and  3. The total area of plantation\* on sites converted from natural forest\* since  November 1994 is less than 5% of the total area of the Management Unit\*. | | B10.9.1  B6.10.2  B6.10.3 | BC6.10.1  BC6.10.2 | GL10.9.2  GL6.10.1  GL6.10.3 | M10.9.2  M6.10.1 |  |  |  |  |  |  |  | |
| Do you have any general comments about Principle 6? | |  | | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 6, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | | |

**Principle 7: Management planning** - The Organization\* shall have a management plan\* consistent with its policies and objectives\* and proportionate to scale, intensity and risks\* of its management activities. The management plan shall be implemented and kept up to date based on monitoring information in order to promote adaptive management\*. The associated planning and procedural documentation shall be sufficient to guide staff, inform affected stakeholders\* and interested stakeholders\* and to justify management decisions.

NOTE: please, see Annex C of this Standard for a Guidance - Conceptual Framework for Planning / Monitoring.

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| C7.1 | The Organization\* shall, proportionate to scale, intensity and risk\* of its management activities, set policies (visions and values) and objectives\* for management, which are environmentally sound, socially beneficial and economically viable. Summaries of these policies and objectives\* shall be incorporated into the management plan\*, and publicized. (C7.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 7.1.1 | Policies (vision and values) that contribute to meeting the requirements of this standard are described in the management plan\*.  **\*See D2 IGI NOTES** | B1.6.1 | BC1.6.1 | GL1.6.1 | M7.1.1  M1.6.1 |  |  |  |  |  |  |  |
| 7.1.2 | Specific, operational management objectives\* that collectively address the requirements of this standard are presented in the management plan\*.  **\*See D2 IGI NOTES** | B7.1.4  to B7.1.7 | BC7.1.1to BC7.1.18 | GL7.1.1 | M7.1.3 to M7.1.12 |  |  |  |  |  |  |  |
| C7.2 | The Organization\* shall have and implement a management plan\* for the Management Unit\* which is fully consistent with the policies and objectives\* as established according to Criterion\* 7.1. The management plan\* shall describe the natural resources that exist in the Management Unit\* and explain how the plan will meet the FSC certification requirements. The management plan\* shall cover forest management planning and social management planning proportionate to scale\*, intensity\* and risk\* of the planned activities. (C7.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 7.2.1 | The management plan\* includes management actions, procedures, strategies and other measures to achieve the objectives\* for management. | B7.1.4  to B7.1.7 | BC7.1.1to BC7.1.18 | GL7.1.1 | M7.1.3 to M7.1.12 |  |  |  |  |  |  |  |
| 7.2.2 | The management plan\* is implemented and addresses the following elements:  1. A summary of the results of assessments, including:  a) Natural resources and environmental values\*, as identified in Principle\* 6 and Principle\* 9;  b) Social, economic and cultural resources and condition, as identified in Principle 6, Principle\* 2 to Principle\* 5 and Principle\* 9; and  c) Major social and environmental risks in the area, as identified in Principle 6, Principle\* 2 to Principle\* 5 and Principle\* 9.  2. A summary of programs and activities regarding:  a) Workers\*’ rights, occupational health and safety, gender equality\*, as identified in Principle 4;  b) Indigenous peoples\*, community relations, local economic and social development, identified, as in Principle\* 3, Principle\* 4 and Principle\* 5; and  c) Stakeholder engagement\* and the resolution of disputes; and grievances, as identified in Principle\* 7 and Principle\* 9;  d) Planned management activities and timelines, silvicultural systems used, typical harvesting methods and equipment, as identified in Principle\* 10 e) The rationale for harvesting rates of timber and other natural resources, as identified in Principle 5;  3. Measures to identify, conserve and/or restore:  a) Rare and threatened species and habitats;  b) Water bodies and riparian zones;  c) Landscape connectivity, including wildlife corridors;  d) Representative Sample Areas, as identified in Principle\* 6; and  e) High Conservation Values\*, as identified in Principle\* 9  4. Measures to assess, prevent, and mitigate negative impacts of management activities on:  a) Environmental values\*, as identified in Principle\* 6 and Principle\* 9; and  b) Social Values, as identified in Principle\* 2 to Principle\* 5 and Principle\* 9;  5. A description of the monitoring program, as identified in Principle\* 8, including:  a) Growth and yield, as identified in Principle\* 5;  b) Environmental values, as identified in Principle\* 6;  c) Operational impacts, as identified in Principle\* 10;  d) High Conservation Values, as identified in Principle\* 9; and  e) Monitoring systems based on stakeholder engagement\* planned or in place, as identified in Principle\* 2 to Principle\* 5 and Principle\* 9; and  6. Maps describing the natural resources and land use zoning on the FMU.  **\*See D2 IGI NOTES** | B7.1.4  to B7.1.7  B7.2.1  B9.3.1 | BC7.1.1to BC7.1.18  BC9.3.1 | GL7.1.1 | M7.1.3 to M7.1.12  M7.2.1  M9.3.1 |  |  |  |  |  |  |  |
| C7.3 | The management plan\* shall include verifiable targets by which progress towards each of the prescribed management objectives\* can be assessed. (New) |  |  |  |  |  |  |  |  |  |  |  |
| 7.3.1 | Verifiable targets, and the frequency that they are assessed, are established for monitoring the progress towards each management objective\* and used as the basis for monitoring in Principle\* 8.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| C7.4 | The Organization\* shall update and revise periodically the management planning and procedural documentation to incorporate the results of monitoring and evaluation, stakeholder engagement\* or new scientific and technical information, as well as to respond to changing environmental, social and economic circumstances. (C7.2 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 7.4.1 | The management plan\* is revised and updated periodically to incorporate:  1. Monitoring results, including results of certification audits;  2. Evaluation results;  3. Stakeholder engagement\* results;  4. New scientific and technical information, and  5. Changing environmental, social, or economic circumstances  **\*See D2 IGI NOTES** | B7.2.3 | BC7.2.1 | GL7.2.1 | M7.2.2 |  |  |  |  |  |  |  |
| C7.5 | The Organization\* shall make publicly available\* a summary of the management plan\* free of charge. Excluding confidential information, other relevant components of the management plan\* shall be made available to affected stakeholders\* on request, and at cost of reproduction and handling. (C7.4 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 7.5.1 | A summary of the management plan\* is publicly available\* at no cost, unless The Organization\* makes the entire management plan\* available at no cost, excluding confidential information, in which case a summary is not required | B7.4.1  B7.4.2 | BC7.4.1 | GL7.4.1 | M7.4.1 |  |  |  |  |  |  |  |
| 7.5.2 | The complete management plan\*, excluding confidential information, is available to affected stakeholders\* on request. At its discretion, The Organisation\* may charge for the actual costs of reproduction and handling.  **\*See D2 IGI NOTES** | B7.4.1 | BC7.4.1 | GL7.4.1 |  |  |  |  |  |  |  |  |
| C7.6 | The Organization\* shall, proportionate to scale, intensity and risk\* of management activities, proactively and transparently engage affected stakeholders\* in its management planning and monitoring processes, and shall engage interested stakeholders\* on request. (C4.4 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 7.6.1 | Procedures are developed and implemented to ensure that affected stakeholders\* are proactively and transparently engaged in the following processes:  1. Dispute resolution mechanisms (Criterion\* 1.6, Criterion\* 2.6, Criterion\* 4.6);  2. Definition of Living wages\* (Criterion\* 2.4);  3. Identification of rights (Criterion\* 3.1, Criterion\* 4.1), sites (Criterion\* 3.5, Criterion\* 4.7) and impacts (Criterion\* 4.5);  4. Local communities’\* socio-economic development activities (Criterion\* 4.4); and  5. High Conservation Value\* assessment, management and monitoring (Criterion\* 9.1, Criterion\* 9.2, Criterion\* 9.4). | B4.4.1 to  B4.4.7a  B7.1.1  B9.1.2  B9.2.1  B3.1.2 | BC4.4.1 to  BC4.4.5  BC9.1.5  BC9.1.6  BC9,2,1  BC3.1.2  BC3.1.3  BC3.1.4 | GL4.4.1 to  GL4.4.5  GL9.1.3  GL9.2.1  GL9.2.2  GL3.1.3 | M4.4.1 to  M4.4.4  M9.2.1  M3.1.2 |  |  |  |  |  |  |  |
|  | 7.6.2 Engagement\* procedures describe how:  1. Appropriate representatives and contact points are determined (including where appropriate, local institutions, organizations and authorities);  2. Mutually agreed, culturally appropriate communication channels are established and then used, allowing for information to flow in both directions;  3. All actors (women, youth, elderly, minorities) are represented and engaged with equally  4. All meetings, all points discussed and all agreements reached are recorded;  5. The content of meeting records is approved; and  6. The results of all engagement\* activities will be shared with those involved and how their formal content and intended use will be approved before proceeding with management activities.  **\*See D2 IGI NOTES** | B4.4.1  B4.4.5 | BC4.4.1 | GL4.41  GL4.4.5  GL4.4.4 | M4.4.2 |  |  |  |  |  |  |  |
| 7.6.3 | Affected stakeholders\* are notified in advance of management planning and monitoring processes that are likely to have negative impact on them, and provided with an opportunity for engagement\* in order to identify ways to avoid or reduce any expected impacts. |  |  |  |  |  |  |  |  |  |  |  |
| 7.6.4 | Interested stakeholders\* are notified in advance of, and provided with an opportunity for engagement\* in management planning and monitoring processes that are likely to have an impact on their interests. |  |  |  |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 7? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 7, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 8: Monitoring and assessment** - The Organization\* shall\* demonstrate that, progress towards achieving the management objectives\*, the impacts of management activities and the condition of the Management Unit\*, are monitored and evaluated proportionate to the scale, intensity and risk\* of management activities, in order to implement adaptive management\*.

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| C8.1 | The Organization\* shall\* monitor the implementation of its Management Plan\*, including its policies and objectives\*, its progress with the activities planned, and the achievement of its verifiable targets. |  |  |  |  |  |  |  |  |  |  |  |
| 8.1.1 | A regular, comprehensive, and replicable written approach is in place and implemented that monitors the implementation of the Management Plan\* including its policies and objectives and achievement of the verifiable targets.  **\*See D2 IGI NOTES** | B8.1.1  B8.1.2 | BC8.1.1  BC8.1.4 | GL8.1.1  GL8.1.2 | M8.1.1 |  |  |  |  |  |  |  |
| C8.2 | The Organization\* shall\* monitor and evaluate the environmental and social impacts of the activities carried out in the Management Unit\*, and changes in its environmental condition. (C8.2 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 8.2.1 | A regular, comprehensive, and replicable written approach is in place and implemented that monitors the environmental impacts of management activities.  **\*See D2 IGI NOTES** | B8.2.6  B8.2.7 | BC8.2.2  BC8.2.8 | GL8.2.3  GL8.2.5 | M8.2.1 |  |  |  |  |  |  |  |
| 8.2.2 | A regular, comprehensive, and replicable program is in place and implemented that monitors social impacts of management activities.  **\*See D2 IGI NOTES** | B8.2.1  B8.2.8  B8.2.9 | BC8.2.1  BC8.2.7  BC8.2.9 | GL8.2.1  GL8.2.8  GL8.2.9 | M8.2.1 |  |  |  |  |  |  |  |
| 8.2.3 | A regular, comprehensive, and replicable written approach is in place and implemented that monitors changes in environmental conditions.  **\*See D2 IGI NOTES** | B8.2.3  B8.2.5 | BC8.2.3  BC8.2.4  BC8.2.5  BC8.2.6 | GL8.2.4  GL8.2.6 | M8.2.1  M8.2.2 |  |  |  |  |  |  |  |
| C8.3 | The Organization\* shall\* analyze the results of monitoring and evaluation and feed the outcomes of this analysis back into the planning process. (C8.4 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 8.3.1 | Monitoring and evaluation results are analyzed and activities are adapted in a timely way to ensure that the requirements of this standard are met.  **\*See D2 IGI NOTES** | B8.4.1 | BC8.4.2  BC8.4.1 | GL8.4.1 | M8.4.1  M8.4.2 |  |  |  |  |  |  |  |
| 8.3.2 | The analysis of the monitoring and evaluation results is incorporated in the periodic revision of the Management Plan\*. | B8.4.1 | BC8.4.2 | GL8.4.1 | M8.4.2 |  |  |  |  |  |  |  |
| 8.3.3 | Management objectives\*, planned targets and / or management activities are revised if their results are not in conformance with the requirements of this standard | B7.1.3  B7.2.3 |  | GL8.2.7  GL7.2.1 | M7.2.2 |  |  |  |  |  |  |  |
| C8.4 | The Organization\* shall\* make publicly available a summary of the results of monitoring free of charge, excluding confidential information. (C8.5 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 8.4.1 | A summary of the monitoring results, excluding confidential information, is publicly available at no cost.  **\*See D2 IGI NOTES** | B8.5.1 | BC8.5.1 | GL8.5.1 | M8.5.1 |  |  |  |  |  |  |  |
| C8.5 | The Organization\* shall\* have and implement a tracking and tracing system proportionate to scale, intensity and risk\* of its management activities, for demonstrating the source and volume in proportion to projected output for each year, of all products from the Management Unit\* that are marketed as FSC certified. (C8.3 V4) |  |  |  |  |  |  |  |  |  |  |  |
| 8.5.1 | A system is implemented to track and trace all products that are marketed as FSC certified.  **\*See D2 IGI NOTES** | B8.3.1 | BC8.3.1 | GL8.3.1 | M8.3.1 |  |  |  |  |  |  |  |
| 8.5.2 | Information about all products that leave the forest\* is compiled and documented, including, at a minimum, the following information: 1. Species; 2. Product type; 3. Volume (or quantity) of product; 4. Information to trace the material to the cutblock; 5. Logging or production date; and 6. Whether or not the material was sold to a Chain of Custody certified organization. |  |  |  |  |  |  |  |  |  |  |  |
| 8.5.3 | Sales invoices are kept for a minimum of five years for all products sold with an FSC claim, which identify at a minimum, the following information:  1. Name and address of purchaser;  2. The date of sale; Species;  3. Product type;  4. The volume (or quantity) sold;  5. Forest Management / Chain of Custody certificate code; and  6. FSC Product Group. |  |  |  |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 8? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 8, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 9: High Conservation Values** - The Organization\* shall\* maintain and/or enhance the High Conservation Values\* in the Management Unit\* through applying the precautionary approach\*

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| ***LEGEND***  *B= National Boreal Standard (2004)*  *BC= BC Standard (2005)*  *GL= Great Lakes-St. Lawrence draft Standard (2010)*  *M= Maritimes Standard (2008)* | | **FSC Canada Forest Management Regional Standards**  **Disclaimer:** references do not always perfectly align with D2 IGIs. This is a working document and tool, not a technical or definitive document. | | | | ***Is the suggested D2 IGIs:*** | | | | | | **Comments and/or Proposed Change**  **(be as specific as possible)** |
| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| **C 9.1** | The Organization\*, through engagement\* with affected stakeholders\*, interested stakeholders\* and other means and sources, shall assess and record the presence and status of the following High Conservation Values\* in the Management Unit\*, proportionate to the scale, intensity and risk\* of impacts of management activities, and likelihood of the occurrence of the High Conservation Values\*:  HCV 1 – Species diversity. Concentrations of biological diversity\* including endemic species, and rare\*, threatened\* or endangered\* species, that are significant at global, regional or national levels.  HCV 2 – Landscape-level ecosystems\* and mosaics. Large landscape-level ecosystems\* and ecosystem mosaics that are significant at global, regional or national levels, and that contain viable populations of the great majority of the naturally occurring species in natural patterns of distribution and abundance.  HCV 3 – Ecosystems\* and habitats. Rare, threatened, or endangered ecosystems\*, habitats\* or refugia\*.  HCV 4 – Critical ecosystem services\*. Basic ecosystem services\* in critical\* situations, including protection\* of water catchments and control of erosion of vulnerable soils and slopes.  HCV 5 – Community needs. Sites and resources fundamental for satisfying the basic necessities of local communities\* or indigenous peoples\* (for livelihoods, health, nutrition, water, etc.), identified through engagement with these communities or indigenous peoples.  HCV 6 – Cultural values. Sites, resources, habitats and landscapes\* of global or  national cultural, archaeological or historical significance, and/or of critical\* cultural, ecological, economic or religious/sacred importance for the traditional cultures of local communities\* or indigenous peoples\*, identified through engagement with these local communities\* or indigenous peoples\*.  (C9.1 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **9.1.1** | An assessment is completed using Best Available Information that identifies and records the location and status of High Conservation Value\* Categories 1-6, as defined in Criterion 9.1; the High Conservation Value\* Areas they rely upon; and their condition.  **\*See D2 IGI NOTES** | B9.1.1. | BC9.1.1  BC9.1.2a | GL9.1.1 | M9.1.1 |  |  |  |  |  |  |  |
| **9.1.2** | The assessment includes engagement\* with affected\* and interested stakeholders\* in the conservation of the High Conservation Values\*. | B9.1.3  B9.2.1 | BC9.1.1  BC9.1.5  BC9.2.1 | GL9.2.1  GL9.2.2 | M9.2.1 |  |  |  |  |  |  |  |
| **C 9.2** | The Organization\* shall\* develop effective strategies that maintain and/or enhance the identified High Conservation Values\*, through engagement\* with affected stakeholders\*, interested stakeholders\* and experts. (C9.2 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **9.2.1** | Threats to identified High Conservation Values\* are documented using Best Available Information.  **\*See D2 IGI NOTES** | B\_Intent\_8.5  B7.4.1 |  |  |  |  |  |  |  |  |  |  |
| **9.2.2** | Management strategies and actions are developed to maintain and/or enhance the identified HCVs and associated areas prior to implementing potentially harmful management activities.  **\*See D2 IGI NOTES** | B9.2.1 | BC9.1.4 |  | M9.3.1 |  |  |  |  |  |  |  |
| **9.2.3** | Affected\* and interested stakeholders\* and local and regional experts are engaged in the identification and development of management strategies and actions to maintain and/or enhance the identified High Conservation Values\*. | B9.2.1  B9.3.1 | BC9.1.5  BC9.2.1 | GL9.2.1  GL9.2.2 | M9.2.1 |  |  |  |  |  |  |  |
| **9.2.4** | The strategies developed are effective to maintain and/or enhance the High Conservation Values\* and are subject to the Precautionary Approach\*  **\*See D2 IGI NOTES** | B9.2.1 | BC9.1.4 | GL9.3.3 |  |  |  |  |  |  |  |  |
| **C 9.3** | The Organization\* shall\* implement Strategies and actions that maintain and/or enhance the identified High Conservation Values\*. These strategies and actions shall\* implement the precautionary approach\* and be proportionate to the scale, intensity and risk\* of management activities. (C9.3 V4). |  |  |  |  |  |  |  |  |  |  |  |
| **9.3.1** | The High Conservation Values\*and the areas on which they depend are maintained and/or enhanced, including by implementing the strategies developed.  **\*See D2 IGI NOTES** | B9.3.3. | BC9.3.2 | GL9.3.3 | M9.3.3 |  |  |  |  |  |  |  |
| **9.3.2** | The precautionary approach\* is applied when strategies and actions for each High Conservation Value\*are implemented, subject to the scale, intensity and risk\* of the management activities.  **\*See D2 IGI NOTES** | B9.3.3 | BC9.3..2 | GL9.3.3 |  |  |  |  |  |  |  |  |
| **9.3.3** | Activities that harm High Conservation Values\*, cease immediately and actions are taken to restore\* and protect the High Conservation Values. |  |  |  |  |  |  |  |  |  |  |  |
| **C 9.4** | The Organization\* shall\* demonstrate that periodic monitoring is carried out to assess changes in the status of High Conservation Values\*, and shall\* adapt its management strategies to ensure their effective protection\*. The monitoring shall be proportionate to the scale, intensity and risk\* of management activities, and shall include engagement\* with affected stakeholders\*, interested stakeholders\* and experts. (C9.4 V4). |  |  |  |  |  |  |  |  |  |  |  |
| **9.4.1** | A program of periodic monitoring assesses:  1. Implementation of strategies;  2. The status of High Conservation Values\* including areas on which they depend; and  3. The effectiveness of the management strategies and actions for the protection\* of fully maintain and/or enhance the HCVs.  **\*See D2 IGI NOTES** | B9.4.1  B8.2.7 | BC9.4.1  BC8.1.4 | GL8.2.6 | M9.4.1 |  |  |  |  |  |  |  |
| **9.4.2** | The monitoring program includes engagement\* with affected\* and interested stakeholders\* and experts.  **\*See D2 IGI NOTES** |  | BC8.1.3 |  |  |  |  |  |  |  |  |  |
| **9.4.3** | The monitoring program has sufficient scope, scale\*, detail and frequency to detect changes in High Conservation Values\*, relative to the initial baseline assessment and status identified for each High Conservation Value\*. | B9.4.2 | BC9.4.2 |  |  |  |  |  |  |  |  |  |
| **9.4.4** | Management strategies and actions are adapted when monitoring or other new information shows that these strategies and actions are ineffective to protect to ensure the maintenance and/or enhancement of High Conservation Values\*. | B9.4.3 | BC9.4.3 | GL8.2.7 |  |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 9? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 9, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |

**Principle 10 - IMPLEMENTATION OF MANAGEMENT ACTIVITIES:** Management activities conducted by or for The Organization\* for the Management Unit\* shall\* be selected and implemented consistent with The Organization\*’s economic, environmental and social policies and objectives\* and in compliance with the Principles and Criteria collectively. (New)**High Conservation Values**: The Organization\* shall\* maintain and/or enhance the High Conservation Values\* in the Management Unit\* through applying the precautionary approach\*

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| **D2 IGI** | **D2 IGIS (FSC­STD­ 01­004 D2­0) Indicator / Elements** | **National Boreal Forest Management Standard** | **British Columbia Forest Management Standard** | **Great Lakes – St Lawrence Forest Management Standard** | **Maritimes Forest Management Standard** | Auditable  1. Auditable | Globally applicable | Clear language | Applicable to SIR | Applicable to SLIMF | Needing amendment | All aspects of the D2 IGIS (FSC­STD­ 01­004 D2­0) are considered to be normative, including the scope, effective date, references, glossary of terms, tables and annexes, unless otherwise stated. Please feel free to provide comment on any part of the IGIs, including Notes. |

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| **C 10.1** | After harvest or in accordance with the management plan\*, The Organization\* shall\*, by natural or artificial regeneration methods, regenerate vegetation cover in a timely fashion to pre-harvesting or more natural conditions\* (New). |  |  |  |  |  |  |  |  |  |  |  |
| **10.1.1** | All harvested sites are regenerated in a timely manner that:  1. Protects affected environmental values\*, for example, exposed soils where these are at risk\* of erosion; and  2. Is suitable to recover overall pre-harvest or natural forest\* composition, structure, productivity, full stocking, and optimum  growth rates of the managed species in order to maintain or enhance overall production from the Management Unit\*. | B6.3.1 | BC6.3.3  BC6.3.6  BC6.3.7 | GL6.3.17 |  |  |  |  |  |  |  |  |
| **10.1.2** | Regeneration activities are implemented in a manner consistent with:  1. Regeneration objectives that will produce pre-harvest or more natural conditions\*;  2. Natural vegetation characteristics of the site determined in the environmental assessment, and  3. The allowable annual cut determination.  **\*See D2 IGI NOTES** | B6.3.8 | BC6.3.2  BC6.3.5  BC6.3.8 | GL6.3.16 | M6.3.1 |  |  |  |  |  |  |  |
| **C 10.2** | The Organization\* shall\* use species for regeneration that are ecologically well adapted to the site and to the management objectives\*. The Organization\*  shall\* use native species\* and local genotypes\* for regeneration, unless there is clear and convincing justification for using others. (C10.4 C4). |  |  |  |  |  |  |  |  |  |  |  |
| **10.2.1** | Species\* chosen for regeneration are of local genotypes and ecologically well adapted to the site, unless clear and convincing justification is provided for  using non-local genotypes or non-native species\*  **\*See D2 IGI NOTES** | B6.9.1 | BC6.3.2  BC6.3.5  BC6.3.6  BC10.4.1 | GL10.4.1 | M6.9.1  M10.4.1 |  |  |  |  |  |  |  |
| **10.2.2** | Species chosen for regeneration are consistent with the regeneration objectives. |  |  | GL6.3.17 | M6.3.1 |  |  |  |  |  |  |  |
| **C 10.3** | The Organization\* shall\* only use alien species\* when knowledge and/or experience have shown that any invasive impacts can be controlled and effective mitigation measures are in place. (C6.9 and C10.8 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.3.1** | Alien species\* are used only when direct experience and / or the results of scientific research demonstrate that impacts can be controlled and effective measures are in place to control their spread outside the area in which they are established. |  |  |  |  |  |  |  |  |  |  |  |
| **10.3.2** | Spread of invasive species is controlled. |  |  |  |  |  |  |  |  |  |  |  |
| **10.3.3** | If systems and measures to control invasiveness are ineffective with species introduced by the Organization, programs to eliminate the alien species\* are devised and implemented. | B10.4.2 |  |  |  |  |  |  |  |  |  |  |
| **C 10.4** | The Organization\* shall\* not use genetically modified organisms\* in the Management Unit\*. (C6.8 V4). |  |  |  |  |  |  |  |  |  |  |  |
| **10.4.1** | Genetically Modified Organisms\* (GMOs) are not used. | B6.8.? | BC6.8.3 | GL6.8.2 | M6.8.3 |  |  |  |  |  |  |  |
| **C 10.5** | The Organization\* shall\* use silvicultural practices that are ecologically appropriate for the vegetation, species, sites and management objectives\*. (New) |  |  |  |  |  |  |  |  |  |  |  |
| **10.5.1** | Silvicultural practices are implemented that are ecologically appropriate for the vegetation, species, sites and management objectives\*.  **\*See D2 IGI NOTES** | B6.3.2 | BC6.3.3  BC6.3.5  BC6.3.8 |  | M6.3.1  M6.3.3 |  |  |  |  |  |  |  |
| **C 10.6** | The Organization\* shall\* avoid, or aim at eliminating, the use of fertilizers. When fertilizers are used, The Organization\* shall prevent, mitigate, and/or repair damage to environmental values\*. (C10.7 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.6.1** | The use of fertilizers is avoided, or is being reduced with the aim of elimination, including by the use of silvicultural practices that avoid or reduce the need for fertilizers. | B10.7.1 | BC6.3.16 |  | M10.7.2 |  |  |  |  |  |  |  |
| **10.6.2** | When fertilizers are used, their types, rates and frequencies of application are documented. |  |  |  |  |  |  |  |  |  |  |  |
| **10.6.3** | When fertilizers are used, environmental values are protected, including through implementation of measures to prevent damage.  **\*See D2 IGI NOTES** |  | BC6.3.17 |  |  |  |  |  |  |  |  |  |
| **10.6.4** | Damage to environmental values\* resulting from fertilizer use is mitigated or repaired |  |  |  |  |  |  |  |  |  |  |  |
| **C 10.7** | The Organization\* shall\* use integrated pest management and silviculture\* systems which avoid, or aim at eliminating, the use of chemical pesticides\*. The Organization\* shall\* not use any chemical pesticides\* prohibited by FSC policy. When pesticides\* are used, The Organization\* shall\* prevent, mitigate, and / or repair damage to environmental values\* and human health. (C6. and C10.7 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.7.1** | Integrated pest management, including selection of silviculture\* systems, is used to avoid, or aim to eliminate the frequency, extent, and amount of chemical pesticide\* applications, and result in non-use or overall reductions in applications.”  **\*See D2 IGI NOTES** | B6.6.2  B6.6.3  B10.7.1 | BC6.6.1  BC6.6.2 | GL6.6.2 | M6.6.1  M6.6.2 |  |  |  |  |  |  |  |
| **10.7.2** | Chemical pesticides\* prohibited by FSC’s pesticide Policy are not used in the Management Unit unless derogation has been granted by FSC. | B6.6.1 | BC6.6.4 | GL6.6.1 | M6.6.6 |  |  |  |  |  |  |  |
| **10.7.3** | Records of pesticide\* usage are maintained, including trade name, active ingredient, quantity of active ingredient used, date of use, location of use, and reason for use. |  |  |  | M 6.6.5 |  |  |  |  |  |  |  |
| **10.7.4** | The use of pesticides\* complies with the requirements for the transport, storage, handling, application and emergency procedures for clean-up following accidental spillages as specified in ILO publications on the use of chemicals, national publications and national laws\* and local laws\*.  **\*See D2 IGI NOTES** | B6.6.5  B6.7.1  B6.7.2 | BC6.6.5  BC6.7.1 | GL6.7.1 | M6.7.1 |  |  |  |  |  |  |  |
| **10.7.5** | If pesticides\* are used, application methods minimize quantities used, while achieving effective results, and provide effective protection\* to surrounding landscapes\* including:  1. Non-use of pesticides\* known to harm aquatic species and other wildlife;  2. Restrictions on applications during unfavorable (e.g., windy) conditions;  3. Avoidance of chemicals whose initial or break-down components are toxic to plants and animals; and  4. No-application buffer zones around: Rare and threatened species\* habitat\*; Rare plant communities; and Riparian zones. |  | BC6.6.5 |  |  |  |  |  |  |  |  |  |
| **10.7.6** | Damage to environmental values\* or human health from pesticide\* use is prevented. If damage occurs then it is mitigated or repaired. |  |  | GL6.7.3 |  |  |  |  |  |  |  |  |
| **C 10.8** | The Organization\* shall\* minimize, monitor and strictly control the use of biological control agents\* in accordance with internationally accepted scientific protocols\*. When biological control agents\* are used, The Organization\* shall\* prevent, mitigate, and/or repair damage to environmental values\*. (C6.8 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.8.1** | Use of biological control agents\* complies with the national laws\* and internationally accepted scientific protocols\*.  **\*See D2 IGI NOTES** | B6.8.2 | BC6.8.2 |  |  |  |  |  |  |  |  |  |
| **10.8.2** | Environmental values\* are protected from adverse impacts caused by the use of biological control agents\*.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **10.8.3** | The use of biological control agents\* is recorded including type, quantity used, date of use, location of use, and reason for use. | B6.8.1 |  | GL6.8.1 |  |  |  |  |  |  |  |  |
| **10.8.4** | The use of biological control agents\* is minimized, monitored and controlled. | B6.8.1  B6.8.3 | BC6.8.1 | GL6.8.1 | M6.8.1  M6.8.2 |  |  |  |  |  |  |  |
| **10.8.5** | Damage to environmental values\* caused by The Organization\*´s use of biological control agents\* is identified and mitigated or remediated. |  |  |  |  |  |  |  |  |  |  |  |
| **C 10.9** | The Organization\* shall\* assess risks\* and implement activities that reduce potential negative impacts from natural hazards proportionate to scale, intensity, and risk\*. (New) |  |  |  |  |  |  |  |  |  |  |  |
| **10.9.1** | The risk\* of management activities to increase natural hazards is assessed. |  |  |  |  |  |  |  |  |  |  |  |
| **10.9.2** | Management activities are modified and/or measures are developed and implemented that reduce the identified risks\*.  **\*See D2 IGI NOTES** |  |  |  |  |  |  |  |  |  |  |  |
| **C10.10** | The Organization\* shall\* manage infrastructural development, transport  activities and silviculture\* so that water resources and soils are protected, and  disturbance of and damage to rare and threatened species\*, habitats\*, ecosystems\* and landscape values\* are prevented, mitigated and/or repaired. (C6.5 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.10.1** | Measures are developed and implemented in existing infrastructure and infrastructure development, transport and silviculture\* activities to ensure:  1. Erosion control;  2. Protection of rare and threatened species\*, habitats\*, ecosystems\* and  landscape values\*;  3. Protection\* of water quality and quantity within and outside the Management Unit\* affected by management activities;  4. Protection\* of streams, wetlands and water bodies within and outside the  Management Unit\*;  5. Protection\* of soils;  6. Free flow of water including natural drainage patterns, and passage of aquatic species. | B6.2.4  B6.3.3  B.3.8  B6.3.17  B6.5.1 | BC6.2.2  BC6.2.3  BC6.3.12  BC6.3.14  BC6.3.17  BC6.5.1  BC6.5.2  BC6.5.3  BC6.5.4  BC .5.5  BC.5.6  BC6.5.8  BC6.5*bis*1 | GL6.2.2  GL6.2.4  GL6.3.7  GL6.3.9  GL6.3.12  GL6.3.13  GL6.2.14  GL6.3.15  GL6.5.1 | M6.2.2  M6.3.5  M6.3.11  M6.5.1  M6.5.2  M6.5.3  M6.5.4 |  |  |  |  |  |  |  |
| **10.10.2** | Disturbance or damages to water resources, soils, rare and threatened species\*, habitats\*, ecosystems\* and landscape values\* are repaired and restored in a timely manner, and management activities modified to prevent further damage. | B6.5.4 | BC6.3.15  BC6.5.7 |  |  |  |  |  |  |  |  |  |
| **C10.11** | The Organization\* shall\* manage activities associated with harvesting and extraction of timber and non-timber forest products\* so that environmental values\* are conserved, merchantable waste is reduced, and damage to other products and services is avoided. (C5.3 and C6.5 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.11.1** | Harvesting and extraction practices for timber and non-timber forest products\* are implemented in a manner that conserves environmental values\* as identified in Criterion\* 6.1. |  |  |  |  |  |  |  |  |  |  |  |
| **10.11.2** | Harvesting practices optimize utilization of forest\* products and merchantable materials | B5.3.1 | BC5.3.1 | GL5.3.1 | M5.3.1 |  |  |  |  |  |  |  |
| **10.11.3** | Sufficient amounts of dead and decaying biomass and forest\* structure are retained on-site after harvesting to conserve environmental values\*. | B5.3.1  B6.3.10 | BC5.3.1  BC5.3.2  BC6.3.8 | GL5.3.1  GL5.3.2  GL6.3.10  GL6.3.11 | M5.3.1  M6.3.4 |  |  |  |  |  |  |  |
| **10.11.4** | Harvesting practices minimize damage to environmental values\*. | B5.3.2 | BC5.3.3 |  | M5.3.2 |  |  |  |  |  |  |  |
| **10.11.5** | Damage to other products and services is avoided. |  | BC5.3.3 |  |  |  |  |  |  |  |  |  |
| **10.11.6** | Harvesting practices minimize damage to standing residual trees and residual woody debris on the ground.  **\*See D2 IGI NOTES** | B5.3.2 | BC5.3.2 |  | M5.3.2 |  |  |  |  |  |  |  |
| **C10.12** | The Organization\* shall\* dispose of waste materials in an environmentally appropriate manner. (C6.7 V4) |  |  |  |  |  |  |  |  |  |  |  |
| **10.12.1** | Collection, clean up, transportation and disposal of all wastes are done in an environmentally appropriate way.  **\*See D2 IGI NOTES** | B6.7.1 | BC6.7.1 | GL6.7.1 | M6.7.1 |  |  |  |  |  |  |  |
| Do you have any general comments about Principle 10? | |  | | | | | | | | | | |
| With consideration for regional variation and different sizes of operations, how will Principle 10, D2 IGI perform in a Canadian context? | |  | | | | | | | | | | |