Discussion Items and Core Indicators

Criterion	Discussion Items	Element	Core Indicators
1 Biological diversity	• Forest fragmentation and forest loss • **Management in the context of natural disturbance regimes and patterns and the range of natural variation** • **Maintenance of populations and communities over time** • **Local and regional protected areas and integrated landscape management** • Silvicultural regimes and tools such as plantations, pesticides (including integrated pest management and pesticide-use regulations), structural retention, and timber harvest practices (including clear-cutting) • **Practices to limit the spread of invasive alien species, and the regulatory prohibitions related to adverse ecological effects and the use of exotic tree species** • **The gene pool of native seed stock, and genetically modified organisms (GMOs) and the associated regulatory/policy requirements** • Management and protection of biological resources of cultural heritage significance • Management of cultural values and resources • Locally available processes and methods for identifying sites with special biological and cultural significance • Conservation of old-growth forest attributes • Participation in government programs to protect threatened and endangered species	1.1 Ecosystem diversity	1.1.1 — Ecosystem area by type 1.1.2 — Forest area by type or species composition 1.1.3 — Forest area by seral stage or age class 1.1.4 — Degree of within-stand structural retention
		1.2 Species diversity	1.2.1 — Degree of habitat protection for selected focal species, including species at risk 1.2.2 — Degree of suitable habitat in the long term for selected focal species, including species at risk 1.2.3 — Proportion of regeneration comprised of native species
		1.3 Genetic diversity	
		1.4 Protected areas & sites of special biological & cultural significance acutely	1.4.1 — Proportion of identified sites with implemented management strategies 1.4.2 — Protection of identified sacred and culturally important sites
2 Ecosystem condition & productivity	• Climate change impacts and adaptation • Trends in natural and human-caused disturbances • Proportion of naturally disturbed area that is not salvage harvested • Biomass utilization	2.1 Forest ecosystem resilience	2.1.1 — Reforestation success
		2.2 Forest ecosystem productivity	2.2.1 — Additions and deletions to the forest area 2.2.2 — Proportion of the calculated long-term sustainable harvest level that is actually harvested
3 Soil & water	• Soil productivity (long-term nutrient levels, shallow soils, best management practices for soil protection) • **Seasons of operations (operating windows, impacts on soil during frozen and unfrozen conditions)** • Site rehabilitation in areas of severe soil disturbance • Water quality in watersheds supplying domestic water • Healthy watersheds • Management practices and regulatory requirements that protect water quality and quantity	3.1 Soil quality & quantity	3.1.1 — Level of soil disturbance 3.1.2 — Level of downed woody debris
		3.2 Water quality & quantity	3.2.1 — Proportion of watershed or water management areas with recent stand-replacing disturbance
4 Role in global ecological cycles	• **Carbon emissions from fossil fuels used in forest operations**	4.1 Carbon uptake & storage	4.1.1 — Net carbon uptake 2.1.1 — **Reforestation success**
		4.2 Forest land conversion	2.2.1 — **Additions and deletions to the forest area**
5 Economic & social benefits	• Benefits for local communities and Aboriginal Peoples (cultural, spiritual, economic, health, etc.) • Fair distribution of benefits and costs • **Proportion of goods and services sourced from local communities (to the extent that they are available and reasonably cost-competitive)**	5.1 Timber & non-timber benefits	5.1.1 — Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA
		5.2 Communities & sustainability	5.2.1 — Level of investment in initiatives that contribute to community sustainability 5.2.2 — Level of investment in training and skills development 5.2.3 — Level of direct and indirect employment 5.2.4 — Level of Aboriginal participation in the forest economy
6 Society's responsibility	• **Development of working relationships with willing Aboriginal communities and/or people**	6.1 Aboriginal & treaty rights	6.1.1 — Evidence of a good understanding of the nature of Aboriginal title and rights 6.1.2 — Evidence of best efforts to obtain acceptance of management plans based on Aboriginal communities having a clear understanding of the plans 6.1.3 — Level of management and/or protection of areas where culturally important practices and activities (hunting, fishing, gathering) occur
		6.2 Respect for	6.2.1 — Evidence of understanding

		Aboriginal forest values, knowledge & uses	and use of Aboriginal knowledge through the engagement of willing Aboriginal communities, using a process that identifies and manages culturally important resources and values
		6.3 Forest community well-being & resilience	6.3.1 — Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy 6.3.2 — Evidence of co-operation with DFA-related workers and their unions to improve and enhance safety standards, procedures, and outcomes in all DFA-related workplaces and affected communities 6.3.3 — Evidence that a worker safety program has been implemented and is periodically reviewed and improved
		6.4 Fair & effective decision-making	6.4.1 — Level of participant satisfaction with the public participation process 6.4.2 — Evidence of efforts to promote capacity development and meaningful participation in general 6.4.3 — Evidence of efforts to promote capacity development and meaningful participation for Aboriginal communities
		6.5 Information for decision-making	6.5.1 — Number of people reached through educational outreach 6.5.2 — Availability of summary information on issues of concern to the public