

Ministry of Forests & Range LBIS Funding Request Form

Investment Category: Ecosystem Based Management
Investment Category Contact: Laurence Bowdige / Andrew Hall
Amount Requested: \$13 million
<u>Business Rationale:</u> <i>Size and general area of impact within the province:</i> Ecosystem Based Management (EBM) investment category will be applied throughout British Columbia's North and Central Coast. The key objective is to achieve through EBM, an adaptive approach to managing human activities that seeks to ensure the coexistence of healthy, fully functioning ecosystems and human communities. The North and Central coast includes 4 timber supply areas and 4 Tree Farm Licenses. <i>How much total funding would be required to resolve the issue:</i> EBM implementation activities will cover an estimated 8 million ha: <u>\$13 million (approx) (over 4 years)</u> Note: the cost of Terrestrial Ecosystem Mapping is estimated at \$12 M to \$24 Million for the North Central Coast and is not fully included in the \$13 M. <i>How long it would take to resolve the issue at the proposed funding level:</i> <u>3 to 10 years (approx)</u> <i>Describe the magnitude of the impact in addressing the Land Based Investment Strategy goals, objectives, and strategic priorities resulting from the investment. Does the investment result in a significant contribution to achieving the provincial goals and objectives?</i> The requested amount of \$3.87 mil will triple the current 2010/11 LBI allocation (\$0.97 mil) to address the highest priorities of the Ecosystem Based Management implementation. Two management units require updated forest inventories; Terrestrial ecosystem based mapping is required through-out the EBM area; a collaborative approach between forest licensees, First Nations and others to landscape level planning to optimize the viability of the operable landbase and to provide viable timber tenures; and lastly a long term approach is needed to monitor EBM implementation on landscape level ecosystems. Ecosystem Based Management ties directly to the provincial goals of "maximum productivity of forest and range resources", "well-managed forest and range resources", and coordinated and integrated planning of the use forest and range resources". Further, Ecosystem Based Management Implementation will contribute significantly to meeting objective 2) prosperous forest and range rural communities, The link between the LBIS strategic priorities and Ecosystem Based Management is through priority 3) Maximize timber grown in the provincial forest. <i>Describe any multiple benefits that can be achieved from the investment. Does the investment assist in the achievement of indicators or targets in other investment categories?</i> The Ecosystem Based Management investment category helps to create management units and the landscapes units within, that will provide sustainable goods and services that include: <ul style="list-style-type: none"> • Long term protection and supply of First Nations cultural and heritage values • Targets for forest ecosystem representation are achieved at the site series level • Critical fish and wildlife habitat is protected • A viable harvesting opportunity is provided to forest licensee including new First Nation and local community tenure opportunities. • Improving recreational and aesthetic values • Taking a long term approach to ecosystem monitoring and adaptive management will help ensure Ecosystem Based Management goals are achieved.

Describe how the investment addresses structural timber supply or ecological integrity issues.

A critical element of Ecosystem Based Management is the increasing of Old growth representation at the site series / landscape level from FRPA targets (13 to 19%) to 50% at the sub-regional level; and at the same time co-locating old growth reserves with critical focal species habitat and First Nations cultural values. The North Central Coast Land Use Decision on Ecosystem Based Management (2006 and 2009) suggests that 3.1 M M3 (reduced from 3.6 M m3) could be harvested from the 8 management units.

Investments in Ecosystem Based Management will provide the tools (forest resource inventory and TEM); collaborative landscape level planning approaches, and long term monitoring and adaptive management processes that will ensure the goal of managing human activities that seeks to ensure the coexistence of healthy, fully functioning ecosystems and human communities.

Describe any specific biological windows that would impact success related to the investment.

There is concern that without the EBM Implementation investment activities critical ecosystems, wildlife habitat, and First Nations values will not be protected to the target levels and that viable, coordinated, timber harvesting opportunities will not be provided to assist in sustaining healthy local communities.

These investment activities will:

- Ensure adequate forest resource information is available for landscape level and operational planning,
- Identify potential gaps in protection measures for forest ecosystems and critical wildlife habitat
- Provide for long-term protection of First Nation cultural values.

Amount Allocated (to be filled out by FPIB):

Allocation Rationale (to be filled out by FPIB):