



## **Reforestation Forecast Methodology Summary of Changes from Version 1.1 to Version 2.0**

April 2022

The Reforestation Forecast Methodology version 2.0 incorporates the following significant changes from version 1.1 as well as minor editorial changes.

### **Section 2 GHG Enhancement Project**

- Indicated that persons with relevant educational and professional experience similar to those of professional foresters or professional ecologists are allowed to provide the required signature for the Reforestation Project Goals Form. **(Section 2.1)**
- Added clarifying language to indicate acceptability of aggregation of multiple sites into a single project. **(Section 2.2)**

### **Section 3 Eligibility Rules**

- Clarified that areas where trees can't be established are to be excluded from the project area. **(Section 3.1)**
- Specified that project proponents are to delineate areas where site preparation activities are being performed under the project. **(Section 3.1)**
- Provided clarification around legal requirement test for additionality for conservation easements recorded within 1 year of project start date. **(Section 3.3.2)**
- Added clarifying language regarding enhancement payments on same land as the project area from other programs. **(Section 3.3.3)**
- Added language requiring free, prior, and informed consent of communities for projects taking place on communal lands **(Section 3.4)**
- Restructured and modified conservation easement requirements for both tonne-tonne and tonne-year accounting options. **(Section 3.8.1)**
- Added option to model future removals based on conservation easement with minimum requirements rather than using default projections. **(Section 3.8.1)**
- Indicated a replacement of the existing performance decline/abandonment discount with a programmatic risk discount to address the risk of avoidable reversals to project stocks after a project is registered yet during its crediting period. **(Sections 3.8.3)**
- Indicated the addition of permanence risk pool to which all projects contribute to address the risk of unavoidable reversals to project stocks after a project is registered yet during its crediting period. **(Sections 3.8.3)**

### **Section 4 GHG Assessment Boundary**

- Adjusted Table 4.1 (Sources, Sinks and Reservoirs) to indicate inclusion of baseline standing live tree carbon, as well as shrub carbon and soil carbon under certain circumstances. **(Section 4)**

## **Section 5 Quantification Guidance**

- Incorporated baseline stocking adjustments to account for carbon stocks in pre-existing live trees as well as in naturally regenerating seedlings when the project does not undertake site preparation activities. **(Sections 5.1.1 and 5.1.2, and Equation 5.1)**
- Added guidance for shrub stock quantification where pre-project shrub stocking exceeds projected future stocking levels under reforested conditions. **(Sections 5.1.3 and 5.2.2, and Equation 5.1)**
- Added guidance for soil carbon quantification under certain eligible conditions. **(Sections 5.1.4 and 5.2.3, and Equation 5.1)**
- Provided guidance for selecting appropriate live tree growth projection for project quantification as well as guidance for producing project-specific projections for situations where default growth projections are not appropriate. **(Section 5.2.1)**
- Added guidance for calculation of programmatic risk discount in place of existing performance decline/abandonment discount. **(Sections 5.3 and 5.4, and Equation 5.1)**
- Refined the approach to the quantification of secondary effects from mobile combustion emissions related to site preparation activities. **(Section 5.5.1 and Equation 5.3)**
- Added guidance for calculation of permanence risk pool contribution. **(Section 5.6)**

## **Section 6 Project Implementation and Monitoring**

- Indicated that programmatic monitoring will be undertaken by the Reserve to ensure the long-term integrity of FMUs issued across all reforestation projects. **(Section 6)**
- Added guidance for voluntary monitoring with no impacts on crediting. **(Section 6.2)**
- Indicated that the voluntary ongoing monitoring incentive for the issuance of additional FMUs to a reforestation project that was previously registered is an option available to project proponents, subject to guidance and approval by the Reserve. **(Section 6.3)**
- Added guidance for optional transition of FMUs and reforestation projects registered under Climate Forward to Climate Reserve Tonnes (CRTs) and a corresponding reforestation protocol under the Reserve's offset program. **(Section 6.4)**

## **Section 7 Reporting and Record Keeping**

- Clarified the timing of confirmation activities for projects that are seeding sites rather than planting seedlings/trees. **(Section 7.3)**

## **Section 8 Confirmation Guidance**

- Updated Tables 8.1 (Eligibility Confirmation Items) and 8.2 (Quantification Confirmation Items) for consistency with relevant changes listed above, including new guidance for confirmation of pre-existing trees and seedlings. **(Section 8.4)**

## **Appendix A Confirmation of Site Stocking**

- Updated sampling guidance for confirmation bodies for projects with planting conditions that vary from the assumed planting density for the default projections in the Reforestation Communities Data File.
- Clarified the confirmation guidance for projects that are seeding sites rather than planting seedlings/trees.
- Added a third option for cases where confirmation body sampling finds the site doesn't meet stocking requirements.

## **Appendix B Quantification of Canopy Cover**

- Updated guidance to reference sampling of pre-existing trees in addition to sampling of shrub cover.

- Removed i-Tree Canopy instructions, which will be placed in a companion document that will be available on the Reforestation Forecast Methodology website.