

RESTORING THE CLIMATE *through* REFORESTATION

CLIMATE FORWARD

A PROGRAM OF THE



REFORESTATION IS CRITICAL TO ADDRESSING CLIMATE CHANGE

MASSIVE OPPORTUNITIES FOR CARBON SEQUESTRATION **LOW TECH, SHOVEL-READY TOOL**

133 MILLION ACRES of potential for reforestation in the contiguous US alone

GHG REMOVALS are needed in addition to GHG reductions

POPULAR PROJECT TYPE THAT PEOPLE CONNECT WITH & UNDERSTAND

ECOLOGICAL AND CLIMATE RESILIENCY BENEFITS FOR HABITAT & WILDLIFE

MANAGES RUNOFF

REDUCES EROSION

IMPORTANT FOR WATER SUPPLY AND QUALITY

IMPACT ON SNOW MELT, RESERVOIRS, AND DROUGHT
Restoring tree cover in snowy mountainous areas provides shade and lower temperatures that slow snow melt, replenishing reservoirs over a longer duration, later into the summer, and at a manageable pace versus the deluge that can occur with extreme heat and rapid snow melt

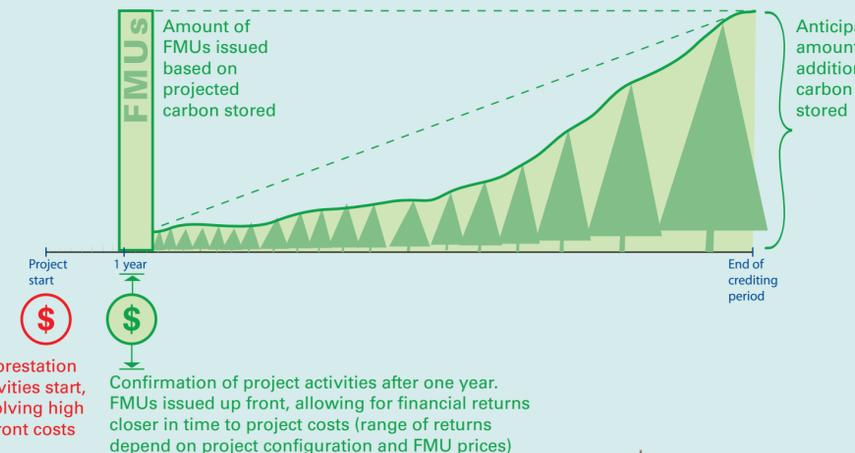
THE REFORESTATION METHODOLOGY PIONEERS NEW MARKET OPPORTUNITIES

10+ years
Reforestation projects have significant upfront costs and delayed returns on investment. The gains of additional carbon sequestered can take 10+ years under conventional offset programs.

← \$
Climate Forward shifts the economics of reforestation carbon projects forward, allowing projects to be recognized up front for the tree planting and/or site preparation actions they're undertaking today to remove CO₂ from the atmosphere in the future as their trees grow and sequester carbon over time.

FMUs
Forecasted Mitigation Units (FMUs) are issued much earlier in the reforestation process and all at once, bringing the financial returns closer in alignment to when most of the costs for reforestation occur.

Example reforestation FMU scenario



SAFEGUARDS TO ENSURE ENVIRONMENTAL INTEGRITY, ADDITIONALITY, AND PERMANENCE

APPROVED FOREST GROWTH PROJECTIONS REQUIRED FOR THE CONDITIONS APPLICABLE TO THE PROJECT

Limited to native species and forest types, including a natural diversity of tree species

100 100-YEAR PERMANENCE STANDARD

Reforestation of the site can't be legally required

THE SITE MUST NOT HAVE BEEN UNDER FOREST COVER FOR THE PAST 10 YEARS - OR MUST HAVE BEEN AFFECTED BY A NATURAL DISTURBANCE WITHIN THE PAST 10 YEARS THAT REDUCED CANOPY COVER TO BELOW 25%

PERMANENCE RISK POOL SIMILAR TO A BUFFER POOL

MUST MEET SPECIFIC CRITERIA AROUND ENHANCEMENT OR ECOSYSTEM SERVICES PAYMENT STACKING

LIMITED CREDITING PERIOD LENGTHS

OVERALL CONSERVATIVE APPROACH TO QUANTIFICATION

OPTION TO EMPLOY A **CONSERVATION EASEMENT** WHICH PROVIDES A SURROGATE FOR LONG-TERM MONITORING

Option for tonne-year accounting, which awards a pro-rated share of carbon credits at 1/100th of the 100-year climate benefit per year remaining sequestered, addressing the uncertainty about future permanence

Confirmation required at least one year after planting or site prep activities, allowing the confirmation body to better judge the success of the reforestation activity based on tree survival/growth in the initial year of the project