



Carbon & Forestry Jobs







Some Carbon Industry Project Categories

Emission Reduction

- Methane Gas Capture
- Energy Efficiency
- Renewable Energy

Sequestration/Storage

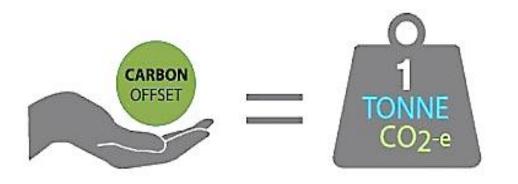
 Forestry: Improved Forest Management, Afforestation/Reforestation, Avoided Conversion





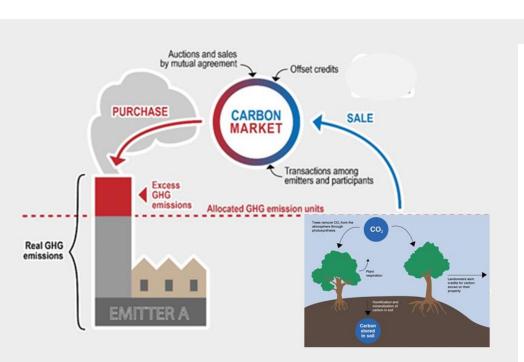






- A *Carbon Offset* a reduction in GHG emissions or an increase in carbon storage that is used to compensate for emissions that occur elsewhere.
- A *Carbon Offset* Credit is a certified, transferrable instrument which represents an emission reduction of one metric tonne of CO2, (MtCO2e) or an equivalent amount of other GHGs.
- Aka: Carbon Offset Credit, CER (Carbon Emission Reduction), ERT (Emission Reduction Tonne), ERU (Emission Reduction Unit)

California Cap and Trade Market



Voluntary Market





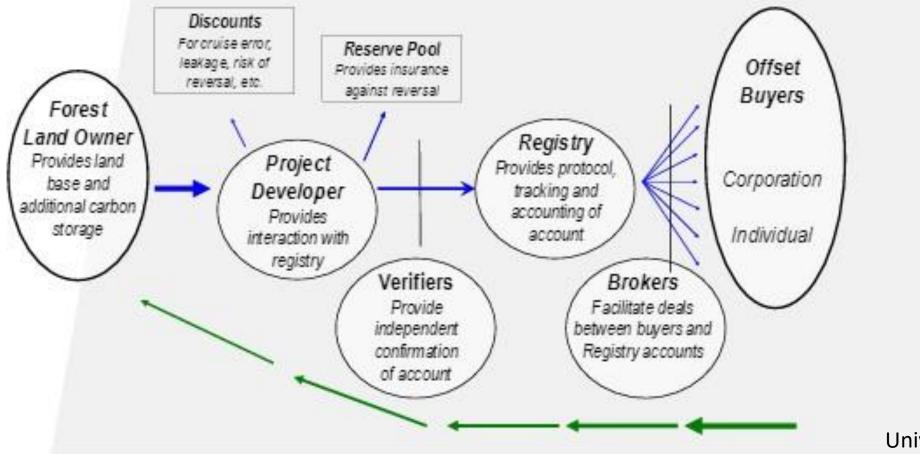
California's Compliance Offset Program





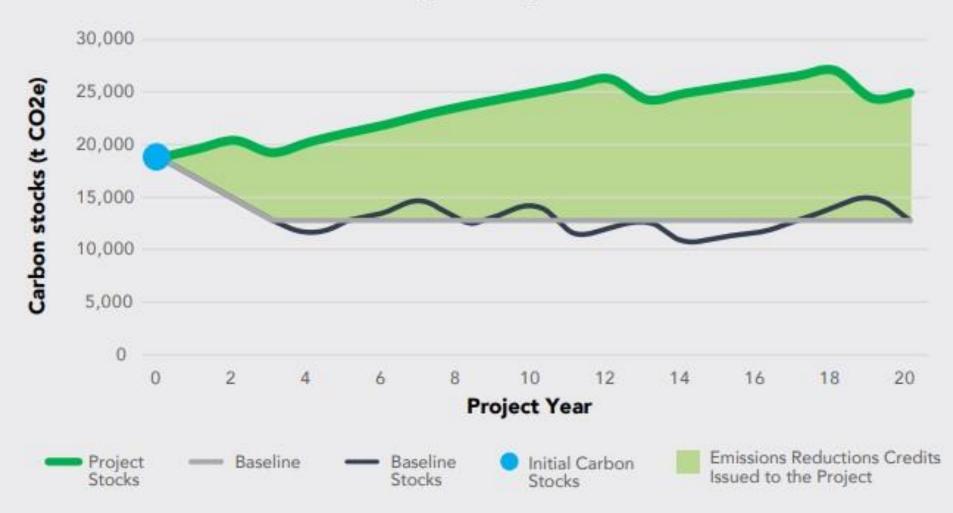


FOLLOWING CARBON AND MONEY THROUGH AN OFFSET MARKET



University of Idaho

Example Project Scenario



Where are the Jobs

- Project Development
- Forest Inventory
- Validation and Verification
- Registries

Inventory development Inventory field work, auditing (contracted with Forestry firms) GIS/Remote sensing Biometrics Data quantification, modeling, audit (FVS) Marketing Business law Regulatory Compliance





Guaranteed Work!

Project Development: 8 -10 year contract with Landowner, new projects

Forest Inventory: Every project is inventoried AT LEAST every 10 years, new projects

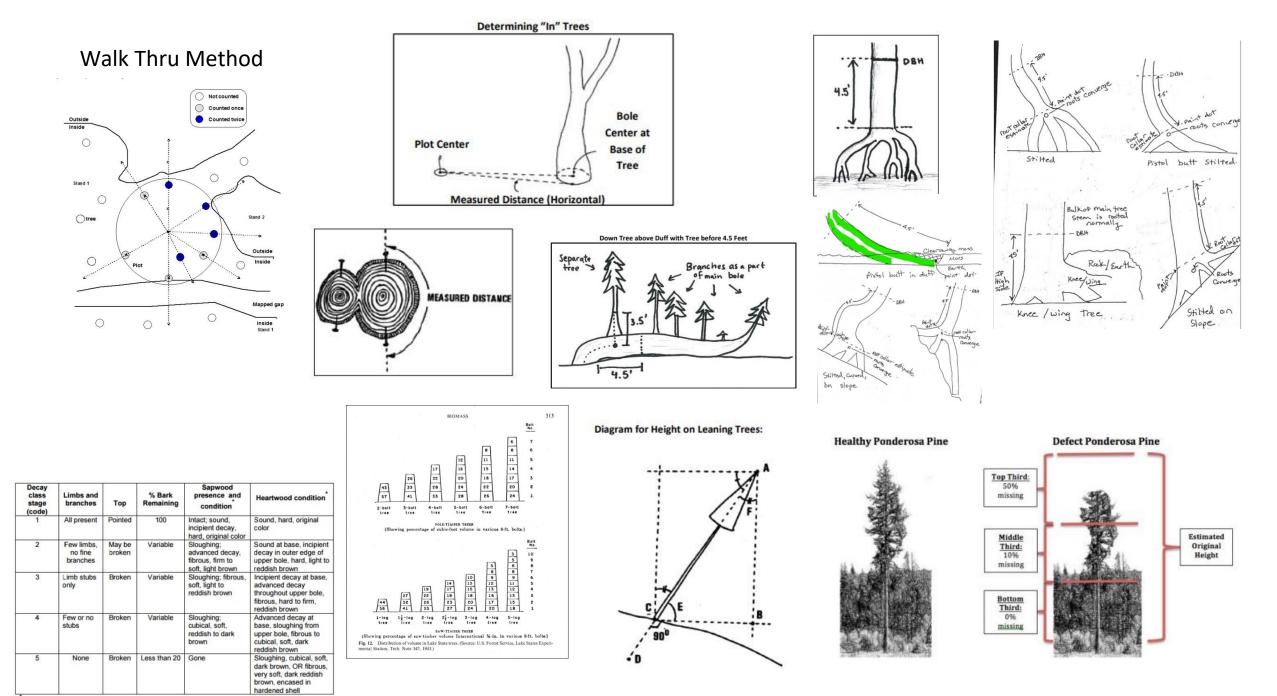
Validation and Verification: Each project has an annual desk review and a 5 year site visit

Registries: development of new protocols, revising existing standards, monitoring existing projects, new projects

Forest Inventory

- Fixed radius plots with nested subplots
- In general measurement follow FIA Rules
- No product calls
- Species
- DBH tolerance = +/- 0.1 0.2 inches Rounding rules vary by project
- Tree Height Merchantable, total height, actual height, phantom height Tolerance varies. Typically 1-6 feet. Verified to +/- 10%, generally
- Missing wood Varying methods including phantom height, Forest Service Biomass Chart, Rule of Thirds
- Dead Tree Decay Class Forest Service Definitions
- Understory 1.0"- 4.99". May include a count, dbh and height. Varies by project









QUESTIONS?



