California market

- 2006 signed AB 32 to reduce California's GHG emissions to 1990 levels by 2020.
- Capped entities can meet 8% of compliance obligation with offsets from uncapped sector until 2020.
- AB 398 passed in 2017 authorizes program through 2030.
 - Reduces offsets from out of California from 8% to 2%.
 - Out of state credits increases to 3% in 2025.
- Current value is ~\$13.50 per California Compliance Offset. Price will increase as the cap decreases.
- Recently harmonized with Quebec Market.

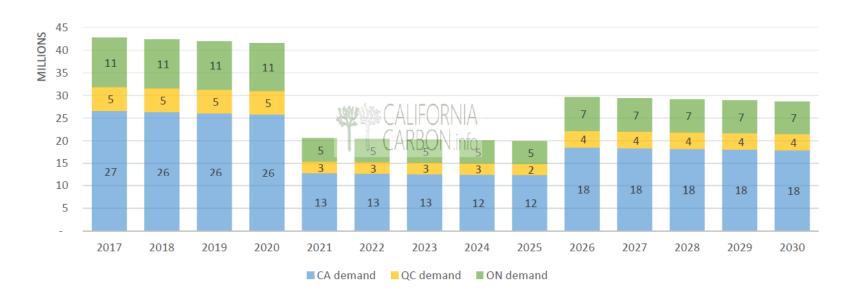


- California's regulatory market and the voluntary market accept carbon offsets from State forests.
- To determine the viability of Vermont's state forestland under different carbon offset protocols a feasibility study is required.
- \$50,000 is the necessary capital needed to finance a feasibility study of Vermont's state forestland in the regulatory and voluntary market.



Maximum theoretical WCI Offset Demand





| | 2017-2020 (8%) | 2021-2025 (4%) | 2026-2030 (6%) |
|------------------|----------------|----------------|----------------|
| CA offset demand | 104,660,465 | 62,971,872 | 90,815,359 |
| QC offset demand | 20,976,459 | 12,655,696 | 18,253,119 |
| ON offset demand | 43,081,677 | 25,734,847 | 36,776,286 |
| WCI demand | 168,718,601 | 101,362,415 | 145,844,764 |



Carbon price tied to allowances

| | Price USD | | | |
|------|---------------|-------|-------|---------------|
| Year | Reserve Price | APCR1 | APCR2 | Price Ceiling |
| 2021 | 17.46 | 32.6 | 47.82 | 63.00 |
| 2022 | 18.59 | 34.8 | 50.93 | 67.10 |
| 2023 | 19.80 | 37.0 | 54.24 | 71.46 |
| 2024 | 21.09 | 39.4 | 57.76 | 76.10 |
| 2025 | 22.46 | 42.0 | 61.52 | 81.05 |
| 2026 | 23.92 | 44.7 | 65.52 | 86.32 |
| 2027 | 25.47 | 47.6 | 69.77 | 91.93 |
| 2028 | 27.13 | 50.7 | 74.31 | 97.90 |
| 2029 | 28.89 | 54.0 | 79.14 | 104.26 |
| 2030 | 30.77 | 57.5 | 84.28 | 111.04 |



Who buys the offsets?







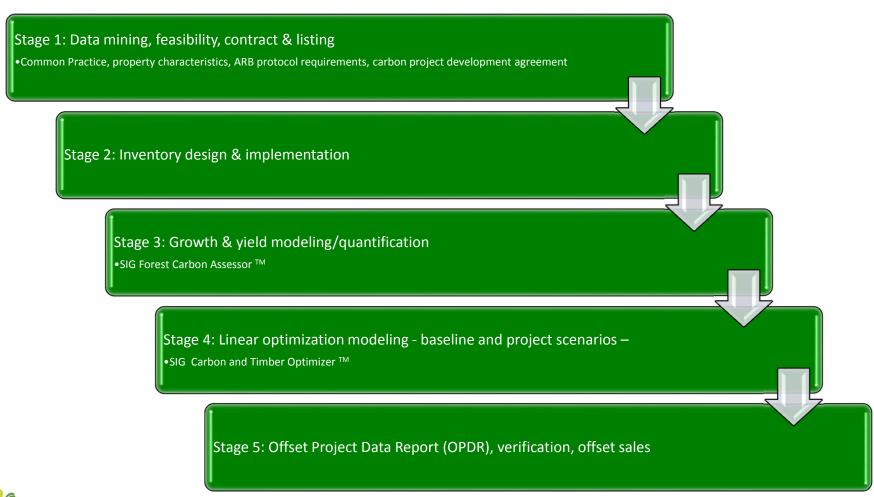








SIG carbon project development process





Stage 1. Data mining, project feasibility & listing

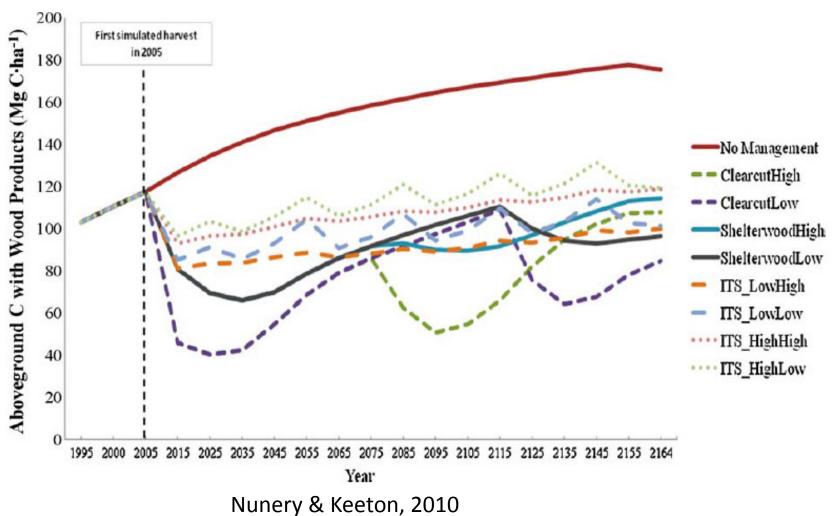
- Assess property characteristics
 - Stocking
 - Size
 - Forest type

How property characteristics intersect with ARB forest protocol

- Stratification & Project Area (e.g. carbon 'hotspots'
- Common Practice (Species composition, TPA, or FIA algorithm)
- Start date (backcasting)
- Legal constraints
- Future management
- Consider reversals & invalidation (spread risk across multiple projects)

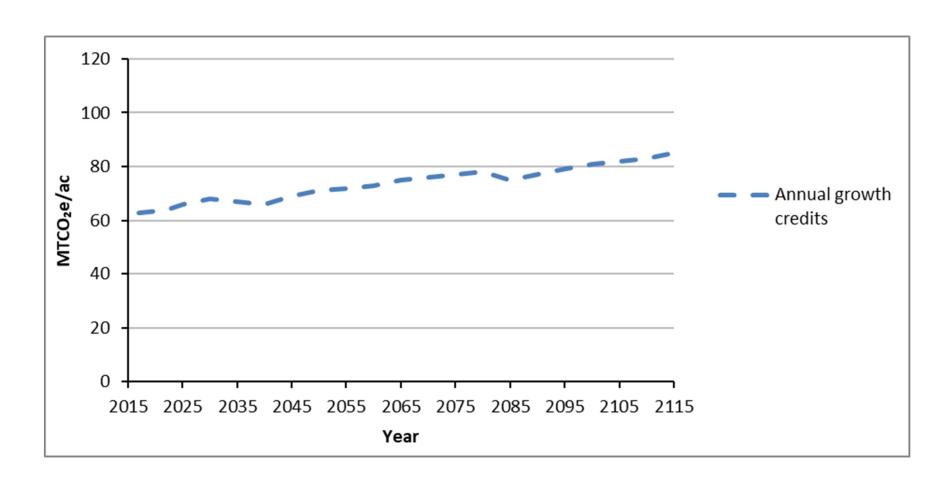


Growth and yield modeling + Optimization





Annual growth credits





Landowner commitment

- Forest owners must monitor and verify a forest project for 100+ years.
- Initial site verification.
- Site-visit verification every six years.
- Monitoring annual reports.
- Can harvest.

