

# Alaska House Resources Committee – Forest Carbon Informational Overview

3/1/2023

[www.anewclimate.com](http://www.anewclimate.com)

**anew**

# Agenda

- About Anew
- Compliance vs Voluntary Markets
- Components of Offset Quality
- Alaska Pilot Project Outlook
- Project Development Process
- Questions

# About Anew

- Oldest and largest carbon offset developer in North America (20+ years)
- Voted Environmental Finance's Best Project Developer (North America) and Best Offset Developer (California) for seven years running
- Dedicated forestry team: in-house finance, marketing, and legal experts, plus 30 professional foresters with unparalleled forest carbon experience

**200+**  
Projects

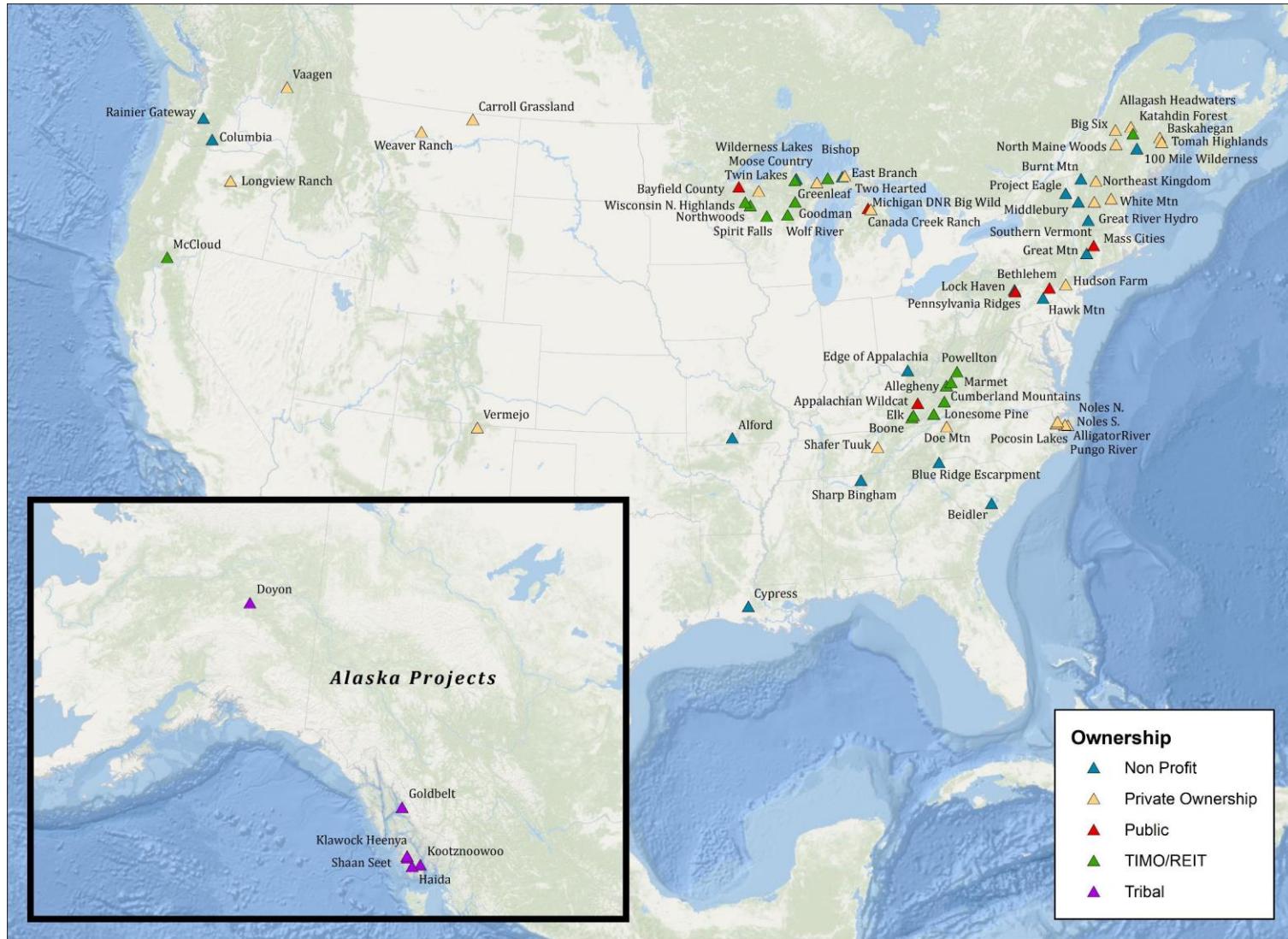
**20+**  
Project types

**180+**  
Million tonnes  
emission reductions

**100+**  
Forest carbon projects  
under management

**5+**  
Million acres enrolled  
in carbon projects

# Anew Forestry Project Map



anew

# Notable Public Partnerships

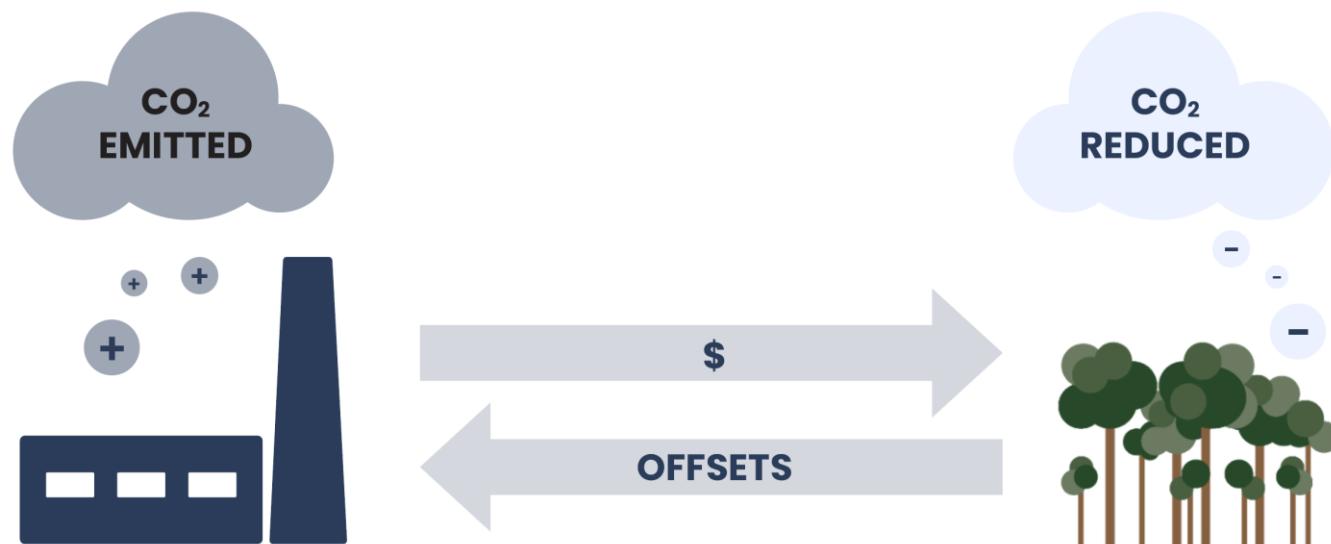
- **Alaska DNR**
- **Michigan DNR**
- **Ohio DNR**
- **8 Wisconsin Counties**
- **3 Massachusetts Townships**
- **2 Pennsylvania Water Authorities**
- **1 Public University**



# Forest carbon basics

## What are forest carbon offsets?

- Forests across the US sequester substantial amounts of CO<sub>2</sub>.
- By maintaining or increasing forest stocking, forest landowners can generate units of CO<sub>2</sub> emissions reductions ("Carbon Offsets").
- Companies wishing to combat climate change are willing to pay forest owners for these Carbon Offsets, thereby claiming credit for reducing CO<sub>2</sub> emissions and mitigating some of the effects of climate change.



# Forest Carbon Markets

## Voluntary Market

**Companies voluntarily choose to purchase offsets to reduce their emissions**

- Greater variation in pricing
  - \$4 to \$35
- Premium value attributed to “charismatic” projects
- Less certain demand

## Compliance Market

**Companies purchase offsets to help meet their legally mandated emissions targets (CA & Quebec)**

- More consistent pricing
  - \$15 to \$20
- Built-in demand through 2030

## Additional Compliance Programs

- Washington
- CORSIA (international aviation)
- Canada (Federal and Provincial)
- Oregon

# Credit Buyers



**JPMorganChase**



**Washington  
Gas**

A WGL Company



**Goldman  
Sachs**

## Landowner Obligations

- **Harvesting should not exceed growth**
- **Must maintain certification (FSC, SFI, ATFS) or have state approved Forest Management Plan**

Monitoring Obligations		
	ACR Voluntary	ARB Compliance
Verification	5	6
Inventory	10	12
Reporting	Annually	Annually
Monitoring Period	40	100+

# Key Components Of Offset Quality



**Additionality**



**Permanence**



**Verification/Monitoring**



**Registration/Serialization**  
(CAR, ACR, VCS, ARB)



**Leakage**

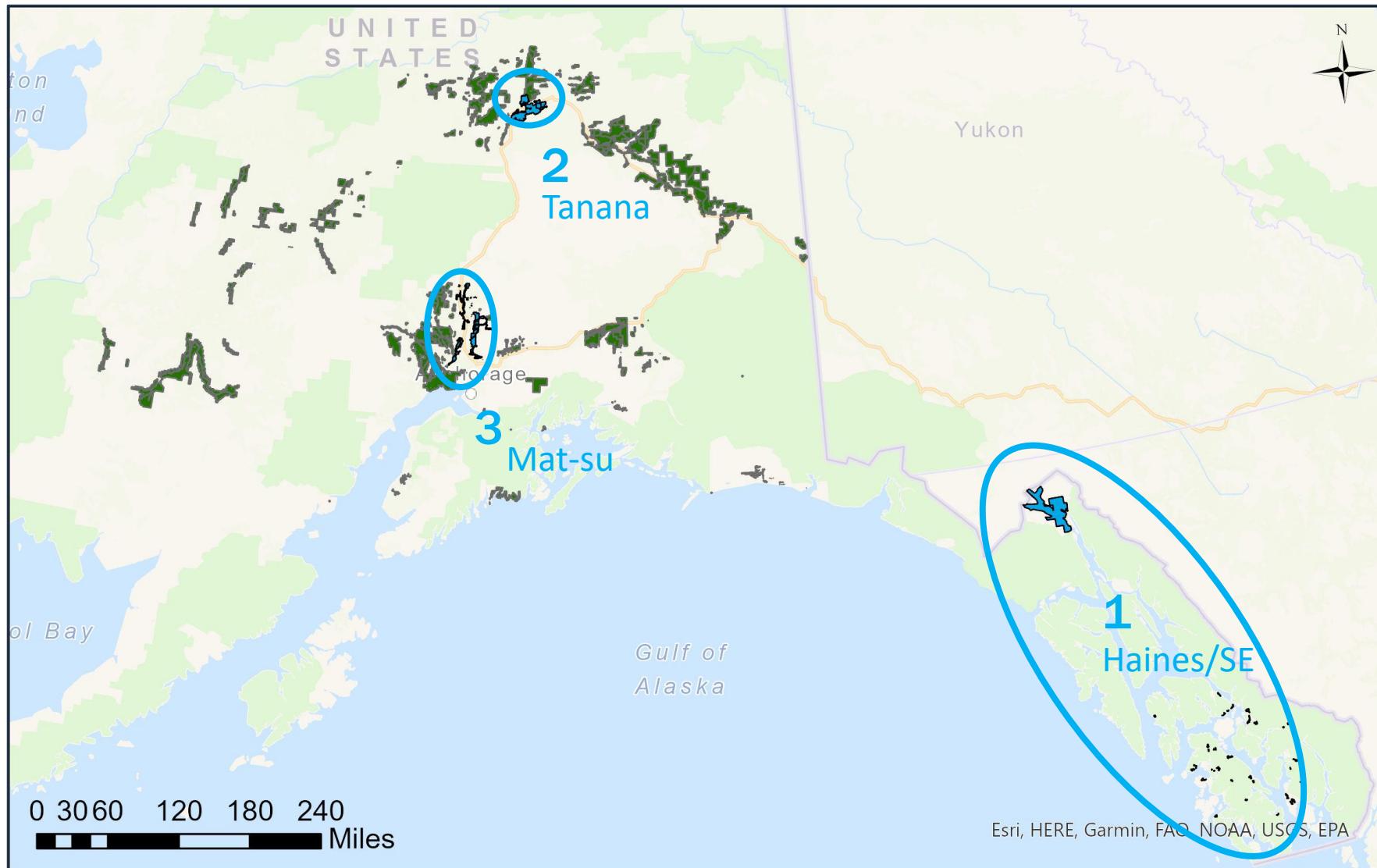


**Reversal**  
(intention/unintentional)



**Buffer**

# Alaska DNR Pilot Projects



- Three areas were selected as pilot projects due to their carbon stocking, accessibility, and timber marketability
- Three projects could collectively generate ~10 million offsets over 40-year life
- >\$80 million in revenue over 1<sup>st</sup> decade alone

# Project Development Process

# Anew Services



# Development Timeline

STAGE	INITIAL DEVELOPMENT PERIOD (MONTHS)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
0 Establishment of ACR Account & Project Listing	■																	
1 Forest Carbon Inventory		■	■	■														
Inventory Sampling Design		■																
Inventory Field Work				■	■													
Data Cleaning					■													
2 Credit Marketing & Contracting				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3 Carbon Calculations					■	■	■											
Project Growth and Yield Modeling					■		■											
Baseline Scenario Modeling						■												
Quantification of Carbon Offset Generation							■											
4 Project Document Drafting							■	■	■	■	■							
5 Third Party Verification								■	■	■	■	■	■	■	■	■	■	■
Project Orientation and Document Submittal								■		■	■	■	■	■	■	■	■	■
Site Audit									■		■	■	■	■	■	■	■	■
Responses to Verifier Questions/Findings										■	■	■	■	■	■	■	■	■
6 Registration											■	■	■	■	■	■	■	■
Verification Report Reviewed by Registry											■	■	■	■	■	■	■	■
Respond to Registry Questions/Findings											■	■	■	■	■	■	■	■
Credit Issuance											■	■	■	■	■	■	■	■
Credit Sale Execution											■	■	■	■	■	■	■	■

# Questions?

# Thank you

**anew**



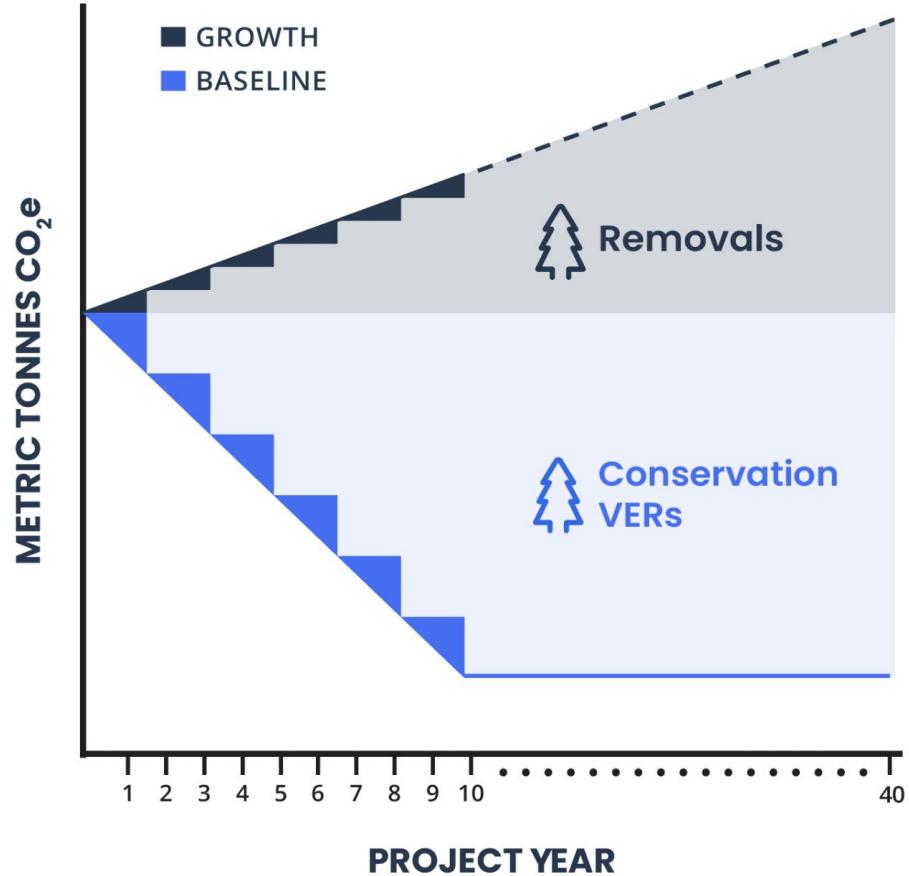
**Joshua Strauss**  
**Senior Vice President**  
[jstrauss@anewclimate.com](mailto:jstrauss@anewclimate.com)

[www.anewclimate.com](http://www.anewclimate.com)

# Bonus Slides

# Voluntary IFM Project Mechanics

## IFM QUANTIFICATION



# Compliance IFM Project Mechanics

