

Science to Policy Summit

# Carbon Program Participation

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## Agenda

- Introduction to Anew
- Who buys offsets
- Offset markets: voluntary v. compliance
- Removals/avoided emissions
- Registry requirements
- Market/buyer demand
- Case studies

## Who We Are

Anew brings together climate-committed businesses and environmental projects to create measurable impact. Together, we are helping build the low-carbon economy of the future.

- Largest marketer and developer of high-quality carbon offsets and environmental credits in North America
- Most experienced participant in environmental credit markets in North America
- Led by a team of **proven experts** with decades of success in the environmental commodities space
- Innovator and first mover on new protocols and pathways in LCFS, RINs, Carbon
- **Expansive geographic reach** with offices across the U.S., Canada & Europe
- The **most decorated firm** in the industry, receiving major awards and first place market rankings

~150 Employees

20% RNG in U.S. Transportation Markets

6M Acres under management

## **Anew's Climate Impact**

#### Reduce Carbon Emissions

- Advisory services and "insetting"
- Carbon offsets
- Avoided deforestation projects
- Sustainable farming projects
- CCUS

#### Replace Fossil Fuels

- Renewable natural gas for utilities and industrial users (Scope 1 mitigation)
- RECs
- EV crediting and infrastructure

### Remove GHG from atmosphere

- Reforestation & afforestation project development
- Sustainable farming project development
- DAC (evaluating)

We have a passion for enabling and accelerating positive climate impact

## **Targeting Net-Zero**

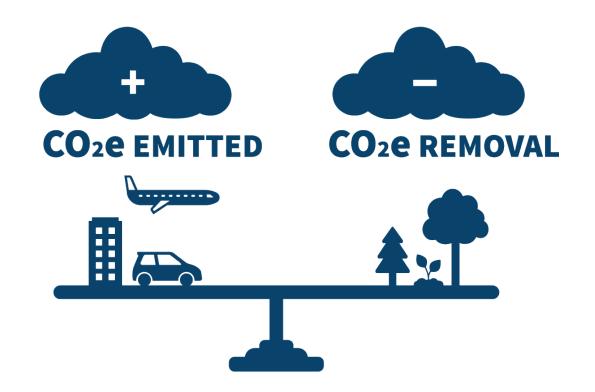
Anew products address all emissions

Scope	Example Sources	Mitigation Measures	Reporting/Registry Options
<b>Scope 1</b> Direct emissions from owned & controlled sources	<ul> <li>Gas boilers</li> <li>Natural gas use at the facility</li> </ul>	<b>Carbon offsets</b> (local/global)	<ul> <li>Climate Action Reserve (CAR)</li> <li>American Carbon Registry (ACR)</li> <li>Verra</li> <li>Gold Standard</li> </ul>
		Renewable natural gas	<ul> <li>Renewable Thermal Certificate (RTC) solution (pending)</li> <li>Physical delivery of RNG (Delivery via MRETS)</li> </ul>
<b>Scope 2</b> Indirect emissions from owned and controlled sources	<ul> <li>Purchased electricity</li> <li>Purchased heating/cooling</li> </ul>	Renewable Electricity Certificates (RECs) applied electricity purchases (available in North America / Europe)	• Green-e Energy Program
<b>Scope 3</b> Indirect emissions from other sources	<ul> <li>Business travel</li> <li>Employee commute</li> <li>Third party manufacturing</li> </ul>	<b>Carbon offsets</b> (local/global)	• CAR, ACR, Gold Standard, or Verra

## **Carbon Offsets Explained**

Actions that absorb or reduce greenhouse gas can often qualify as **carbon offsets**.

Anew specializes in development and marketing of carbon offsets from high-quality projects in North America and around the world. Each offset is one metric ton of  $CO_2e$ .



## **Avoided Emissions vs. Removals**

#### **Avoided Emissions**

• Emissions reductions from activities that would otherwise release gasses into the atmosphere.

#### **Examples:**

- Landfill gas destruction
- Efficient cookstoves
- Energy efficiency and renewable energy
- Industrial gas mitigation

# VS.

#### Removals

Activities that draw greenhouse gases out of the atmosphere.

#### **Examples:**

- Tree growth
- Direct air capture and sequestration
- Mineralization of CO2 in rocks

## **Carbon Offsets Explained**

**Carbon offsets** represent the reduction of one metric ton of carbon dioxide equivalent and has received certification by one of the specified host registries to meet **five criteria**:



#### Real

Reductions can be accurately measured in accordance with scientifically based protocols



#### Additional

Reductions are not required by regulation or any other legal requirements; project activity is not business-asusual as defined by the applicable registry and protocol



#### Verifiable

Reductions are independently verified by an accredited third party and subject to extensive data collection and review prior to credit generation



#### **Enforceable**

There is undisputed ownership of the reductions and no double counting of offsets



#### Permanent

Any net reversal in reductions is accounted for and compensated by the applicable registry through buffer credits; buyers do not assume risk

## **Other Offset Demand**

Our Carbon team provides expert management of GHG mitigation, carbon neutral initiatives, and sustainability services on behalf of large commercial and industrial entities, municipalities, and universities.

#### **Compliance Markets**

Market-based programs comprised of obligated compliance entities trading and surrendering carbon allowances for emissions.

#### **Examples:**

- Landfill gas destruction
- Efficient cookstoves
- Energy efficiency and renewable energy
- Industrial gas mitigation

#### **Voluntary Markets**

Wide variety of players voluntarily setting and achieving sustainability and emission reduction goals (e.g., carbon neutral, net zero, etc.)

- Voluntary offsets matched to scope 1, 2, or 3 emissions
- Offsets can be bundled with environmental commodities such as RECs and renewable thermal certificates to support ESG targets

## **Voluntary vs. Compliance**

Voluntary offset demand has been on the rise.

#### Offset demand has been increasing due to the following:

- Paris Agreement
- Universities meeting decarbonization
   pledges
- Municipal Climate Action Plans
- CORSIA

- CEQA
  - Demand of 15-25 million VERs over the next 30 years.
- Increased carbon-neutral & net zero commitments and overall strengthened corporate ESG/ sustainability presence









## **Our Partners**

#### **Project Partners**

Multi-national corporates and NGOs



#### **Carbon Credit Buyers**

Progressive industry leaders



## **Three Steps to Carbon Revenue**

#### **Feasibility Study**

Our team of professional foresters offer free and efficient evaluations of project performance and economics.



**Credit Development** Anew executes and finances all activities required to register and sell carbon credits.

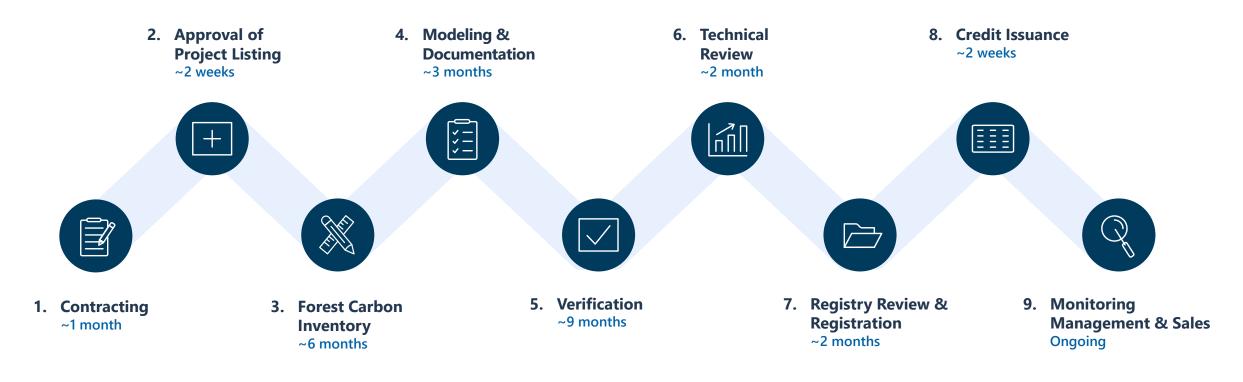


#### **Marketing and Sales**

The size and diversity of our carbon credit portfolio is unmatched, as is our team's expertise to ensure your project's profitability.

## **Credit Development: Timeline and Milestones**

The average time from contracting to the issuance of credits is 24 months, depending on a variety of factors.





## Landowner Commitments to Registry

- ✓ Maintain initial carbon stocking and carbon stocks associated with issued credits by cutting no more than growth
- ✓ Certify property if commercial harvests (Forest Stewardship Council, American Tree Farm System, Sustainable Forestry Initiative)
- ✓ Complete monitoring obligations during 100-year term

	Compliance	Voluntary
Verification	6	5
Inventory	12	10
Reporting	Annually	Annually
Monitoring Period	100	40



## Landowner Commitments to Registry

- ✓ Follow property management guidelines (Compliance ONLY)
  - $\checkmark$  >95% native species or progress toward that goal.
  - $\checkmark$  No single species may represent > 60-90% of total basal area.
  - $\checkmark$  No more than 40% of the project area in age classes < 20 years.
  - ✓ No clear-cuts > 40 acres, 300 ft buffers between even aged harvest units, and no harvesting adjacent stands for > 5 years.
  - ✓ No broadcast fertilization.
  - Maintain lying and standing dead wood stocks.

## **Anew Natural Climate Solutions**

## Forestry

In an Improved Forest Management (IFM) project, forest landowners must agree to restrict harvesting, reducing traditional timber revenues for at least 40 years into the future. Such long-term conservation and growth is justified only by carbon revenue.

110+ Registered forest carbon projects **6M** Acres Protected **\$182M** New revenue for landowners

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## PIERCE COUNTY, WASHINGTON Rainier Gateway Forestry Project

**3,200** 

protected

**22** Miles of shoreline

9 Threatened

Threaten species



## **Rainier Gateway**

Project is a result of the need to protect the Nisqually watershed and its vast network of private forests.

- Multiple stakeholders
- Owned and managed by the Nisqually Land Trust and the Nisqually Community Forest.
- Carbon revenues help support ongoing land management, stewardship, and a future full-time executive director for the Nisqually Community Forest.

#### **Sustainable Development Impacts**



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## VAKIMA COUNTY, WASHINGTON Columbia River Forestry Project

13,393

Acres conserved **7.8** Miles of river protected 90%

Revenues used for future land conservation

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