

ALBERTA EMISSIONS OFFSET REGISTRY



Climate Change Central

Albertans taking action

Coming Up:

- Alberta's Carbon Market
- Alberta Offset System
- Alberta Emissions Offset Registry



Carbon Offset Solutions

www.carbonoffsetsolutions.ca

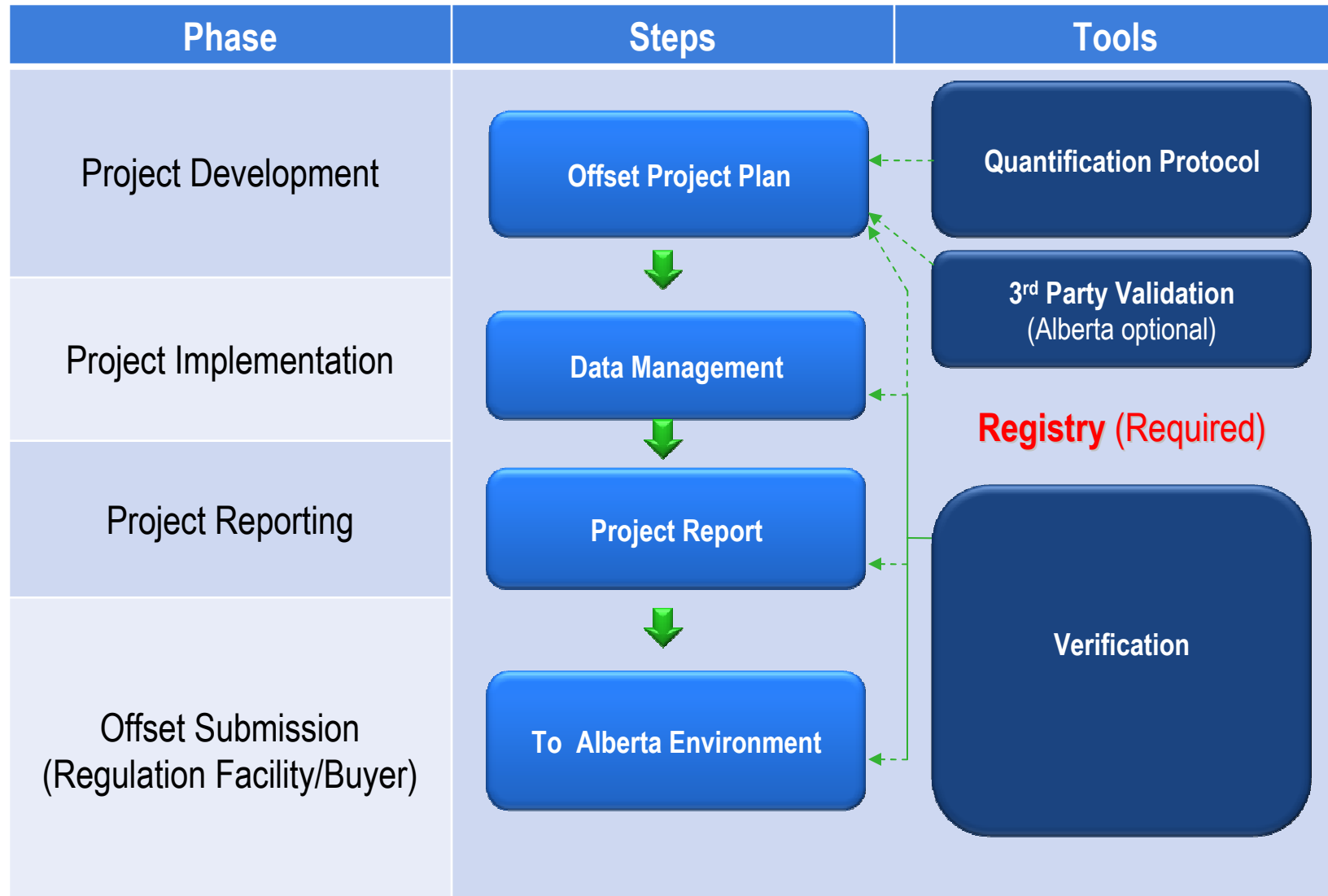
Your information resource for all things related to emissions trading and climate change policy in Alberta & Canada

- Policy / Carbon Market Standards (ongoing)
 - Alberta Approved Protocols – *23 To Date*
- Market Intelligence / News & Events
- Alberta Emission Offset Registry (AEOR)
 - *Project Registration & Meeting Place*
- “How to” Guides
 - *Project Guidance, Verification Guidance, Protocol Development*
- Market Service Providers
 - List of aggregators, verifiers, brokers
- Sample Contract



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Getting a Credit to Market in Alberta



Alberta Emissions Offset Registry

- Launched March 2008
- For Alberta-based offset projects only
- Log-in (ID and Password) to access the site, public access for searching and review
- Partnership between Climate Change Central and Canadian Standards Association CleanProjects™ Registry

www.carbonoffsetsolutions.ca/aeor



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Registry Purpose

- Showcase Alberta offsets projects
- Facilitate matching of buyers and sellers
- Ensure uniqueness of verified offsets and link the data trail to the tonnes
- Enhance overall transparency and accountability
- The Registry is not:
 - An exchange or a sight for brokers to initiate transactions;
 - A place that shows who transacted what, transactions will still be done on a bilateral basis;
 - A place to find out what price was paid for a unit.



Registry Processes

- **Users**- can have multiple users within an organization, but one master user to oversee all aspects of registry use
- **Versioning** - C3 keeps all copies of uploaded documents even if new ones are updated to track ownership transfers
- **Spatial comparisons** –C3 runs queries (quarter section levels) for all contracts in aggregated projects to identify possible double occurrence
- **Messaging** – between users of Registry to facilitate offset process
- **Secure data transfer** - secure file transfer protocol locked down by location between C3 and CSA
- **Database Standardization** - between C3 and CSA to ensure data integrity



Alberta Emissions Offset Registry

- For compliance purposes, offsets must be registered, serialized, and retired.
- **Registry Terms:**
 - **Created** = project info is posted on the Registry.
 - **Registered** = project documentation submitted (project report).
 - **Serialized** = notice of creation and verification report submitted; offsets are given a unique serial number.
 - **Delisted** = a transaction has occurred on serialized offsets, requires a request for change of ownership (shown on the registry)
 - **Retired** = serialized offsets are removed from circulation through the retirement of the serial number.




www.carbonoffsetsolutions.ca/aeor

Carbon Offset Solutions A-EOR - Windows Internet Explorer

http://www.carbonoffsetsolutions.ca/aeor/

Carbon Offset Solutions A-EOR

CARBON OFFSET SOLUTIONS

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Alberta  **Climate Change Central**

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POLICY & REGULATION | OFFSET PROTOCOLS | **OFFSET REGISTRY** | RESOURCES | NEWS & EVENTS

Offset Registry

Welcome to the Alberta Emissions Offset Registry

Offsets are an integral compliance option for regulated entities under the Specified Gas Emitters Regulation in Alberta. Voluntary reductions, from non-regulated entities can reduce their emissions or remove greenhouse gases from the atmosphere and potentially claim an offset. Registration is a vital component to using offsets to meet a compliance requirement.

On this site you can register and retire offsets from projects, browse Alberta offset projects, and search for registry participants.

Sign into your Account

To use this website, you must agree to the terms and conditions listed below this sign in box. Agree Disagree

Email:

Password:

Forgot your password? [click here](#)

Click **Agree** to enable

Create a new account

Don't have an account yet? Click the create new profile button.

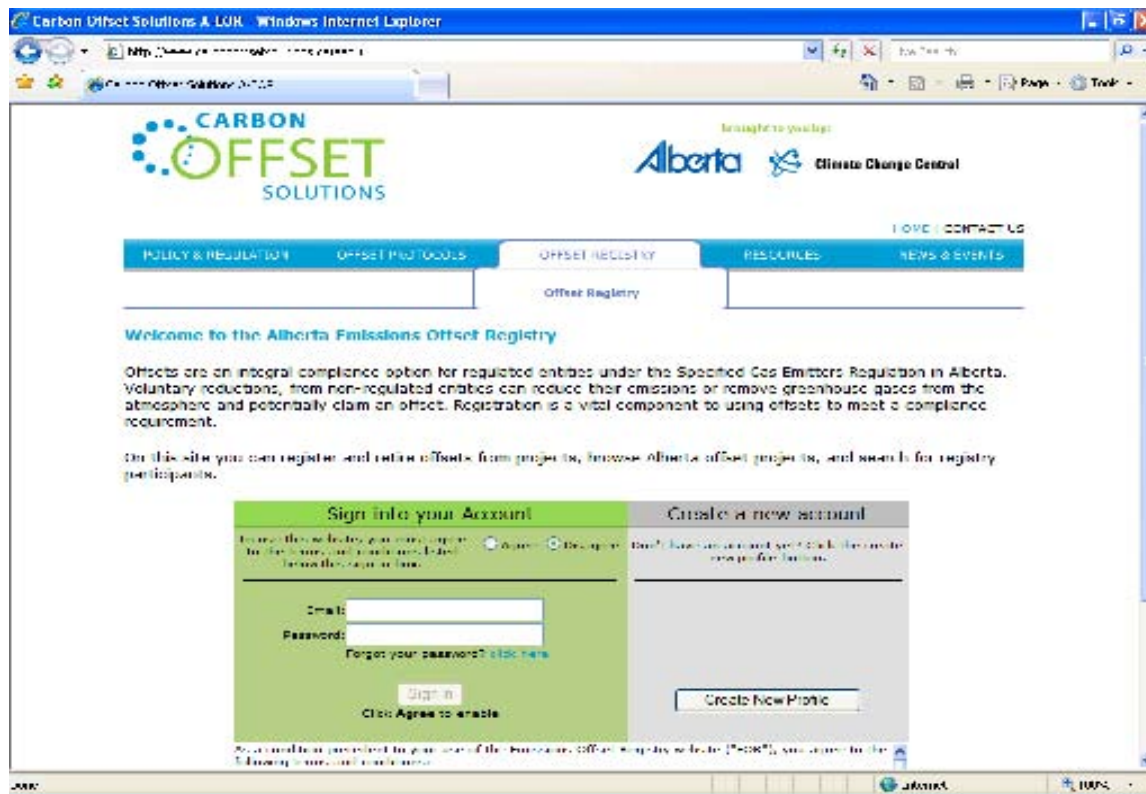
As a condition precedent to your use of the Emissions Offset Registry website ("EOR"), you agree to the following terms and conditions:

Done

Internet 100%

tral

www.carbonoffsetsolutions.ca/aeor



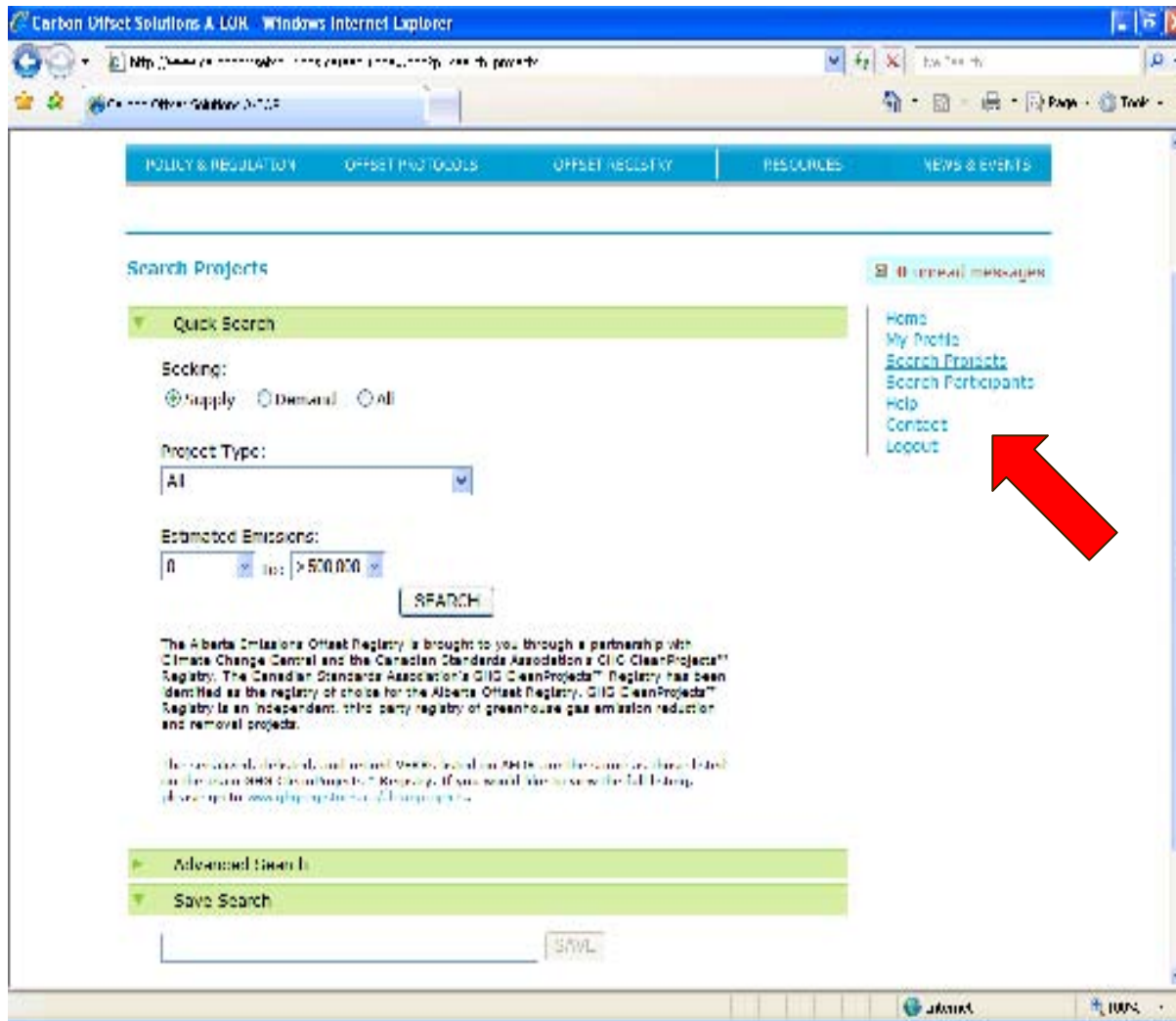
First Step: Make a profile

- No cost to look
- Ability to:
 - View all registered projects
 - Create a project



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Alberta Emissions Offset Registry



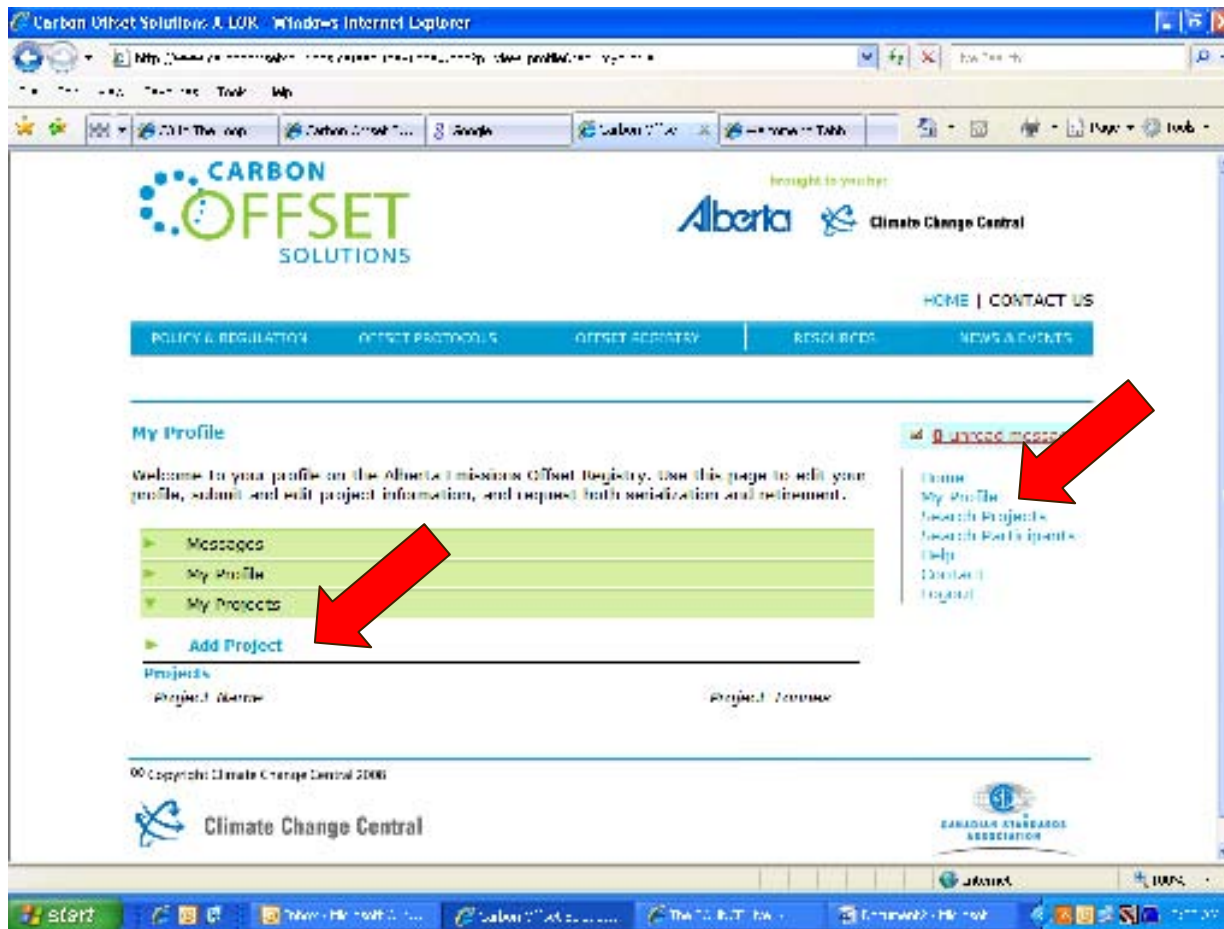
Ability to:

- Search Projects
- Search Participants
- FAQ
- **Send Message**



PROJECT-BASED REGISTRY

Creating A Project



Steps:

- Go to My Profile
- ADD a Project
- Enter project Information
- Create



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Creating A Project

Add Project

To register your project on the Alberta Emission Offset Registry please enter some basic project information and click 'Add Project'. Once you've submitted the online form, you can then download, complete and upload the forms directly through the portal. An initial review of the materials you've submitted will start the registration process. Administration and processing will include a completeness assessment to confirm that your documentation includes the set of information as required for listing on the Alberta Emission Offsets Registry.

If you are entering a land-based project that has more than one site (an aggregated project), please enter only 1 centralized location for public posting. You will then be asked to email individual site locations for confidential entry into the Alberta Emission Offset Registry Database.

Title: Energy Efficiency Ltd
Type: Energy Efficiency Supply Demand

Aggregated Project:

Start Date: Aug 01, 2005
End Date: Aug 01, 2005

Estimated Potential Lifetime Emissions Reductions: 10000
Estimated Potential Annual Emissions Reductions: 5000

Project Location: North East
Description: Test project

ADD PROJECT

- Enter project information
- ** Double-check information/accuracy

- Click **ADD PROJECT**
- ** This project is now **LIVE** on the Alberta Registry

- ** Listed as **CREATED**



Creating A Project

The screenshot shows a web browser window with the URL <http://www.carbonoffsetsolutions.com/projects/new-project.asp>. The page title is "Carbon Offset Solutions: A LOR". The form is titled "Creating A Project" and contains the following sections:

- Upload Additional Documents:** A green box with a file upload area and a "Browse" button. Below it, a "File Name" field with a "Go" button.
- Key Contact:** A section with the following information:
 - Name: Amanda Stuparyk
 - E-mail: astuparyk@carbonoffsetsolutions.com
 - Change Contact: Amanda Stuparyk (dropdown menu)
 - A "SAVE" button.
- Forms to Complete:** A table listing forms to be downloaded, each with a "To Download" label, a document icon, the form name, and a "download" link.

To Download	Application Form	download
To Download	Schedule A	download
To Download	Schedule B	download
To Download	Schedule C	download
To Download	Schedule D - Socialization	download
To Download	Schedule E - Retirement	download

- **UPLOAD Forms to Complete**
 - *Project Application form
 - *Schedules A, B, D
 - *Schedule C (if authorizing another party as Project Contact)
- **Fill out Forms**
- **DOWNLOAD Forms onto Registry and Project Documentation**
 - Project Plan
 - Verification Statement/Report
 - GHG Assertion



The FORMS

- **PROJECT APPLICATION FORM**

- * Preliminary project information; project developer information

- **SCHEDULE A – Acknowledgement Registry Mandate**

- **SCHEDULE B – Registry Services Agreement**

- **SCHEDULE C – Designation of Authorized Project Contact**

- If authorizing another party as Project Contact

- **SCHEDULE D – Notice of Registry Account Instructions**

- **ADDITIONAL INFORMATION:**

- Aggregated projects – Spatial Location Template

(The Registry runs a ‘comparative query’ for verified tonnes by quarter section, by year, against all existing projects and new ones coming in – duplicates are found and aggregators notified)



The PROCESS

CREATE THE PROJECT – SUBMIT DOCUMENTATION



RECIPT CONFIRMATION FROM AEOR



PROJECT PROCESSING AND SERIALIZATION



APPROVAL LETTER FROM AEOR



The DELISTING PROCESS

BILATERAL TRANSACTION OUTSIDE REGISTRY



CHANGE OF OWNERSHIP REQUEST

- Initiated by seller of offsets
- Schedule D Delisting submission



DELISTING REQUEST PROCESSING



CONFIRMATION LETTER FROM AEOR



The RETIREMENT PROCESS

BILATERAL TRANSACTIONS OUTSIDE REGISTRY



RETIREMENT REQUEST

- Initiated by OWNER using offsets for compliance
- Schedule D Retirement submission



RETIREMENT REQUEST ACKNOWLEDGEMENT



INITIATION OF RETIREMENT LETTER FROM AEOR 



A Registry Scan

❑ **Clean Development Mechanism (CDM)**

- ❖ Registration fee = *share of proceeds* **Max: \$350 000 USD**
- ❖ Certified emission reduction <15 000 **\$0.10/CER**
- ❖ CER excess 15 000 in calendar year **\$0.20/CER**

❑ **Climate Action Reserve (CAR (APX))**

- ❖ Project Submission Fee **\$500**
- ❖ Account Set-up Fee **\$500**
- ❖ Account Maintenance Fee (Annual) **\$500**
- ❖ CRT Issuance Fee (per issued) **\$0.15/CRT**
- ❖ Transaction Fee (per traded) **\$0.03/CRT**
- ❖ No Charge Retirement



A Registry Scan

❑ **APX VCS Registry (US)**

- Issuance Fee (per VCU) **\$0.05 /VCU**
- VCSA Levy Fee **~\$0.06 /VCU**
- Transfer Fee **\$0.02 /VCU**
- Annual Subscription Fee **\$500.00**
- Retirement No Fee

❑ **American Carbon Registry**

- ❖ Membership Set-up Fee **\$500 - \$5000**
- ❖ Annual Renewal Fee (Annual) **\$500 - \$5000**
- ❖ Project Registration Screening Fee **\$1000**
- ❖ Annual Project Eligibility Fee **\$500**
- ❖ Issuance Fee (per issued) **No charge**
- ❖ Transaction Fee (per traded to each party) **\$0.05 to \$0.14/ERT**
- ❖ Retirement Fee either **\$0.10 or \$0.14/ERT**



THE RULES OF THUMB

- WHAT CONSTITUTES A NEW PROJECT?
 1. Same project (protocol usage), location; Serializing tonnes on a go-forward basis (year by year)
 - Schedule D Serialization request
 - Updated Project Report; New Verification Reporting
 2. New/add-on project or protocol usage, new locations = New contracts, new areas, new tonnes
 - New Project Application
 - Registration of new land locations / point source
- All changes of ownership need to be tracked on the Registry



What's Next for AEOR?

UPGRADES:

- (1) Building in a finer land parcel contract comparison (many contracts are at a sub quarter section level)
- (2) Automating the query comparison process
- (3) Increasing User-friendliness for the application - web-based uploading of data, reports and information
- (4) Building the Emission Performance Credit (EPC) Platform-



Want More Information?



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