



The Climate Registry

NEER

NATIONAL ENERGY
EFFICIENCY REGISTRY

NEER Stakeholder Webinar

April 14, 2016



Webinar Logistics

→ To ask questions:

- Use the question box on your GoToWebinar control panel and your question will be read aloud

OR

- Raise your hand and we will un-mute you to ask your question

→ A copy of the slides and a recording of the webinar will be distributed to working group





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Agenda

- **Welcome & Introductions**
- **Introduction to NEER Project**
- **Registry Primer**
- **Next Steps**
- **Question & Answer**



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WELCOME & INTRODUCTIONS



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The Project Team



Peggy Kellen
Director of Policy
The Climate Registry
(213) 542-0291

pkellen@theclimateregistry.org



Jenna Jorns
Policy Associate
The Climate Registry
(213) 784-4165

jjorns@theclimateregistry.org



Pat Stanton
Director
E4TheFuture
(508) 740-2836

pstanton@e4thefuture.org



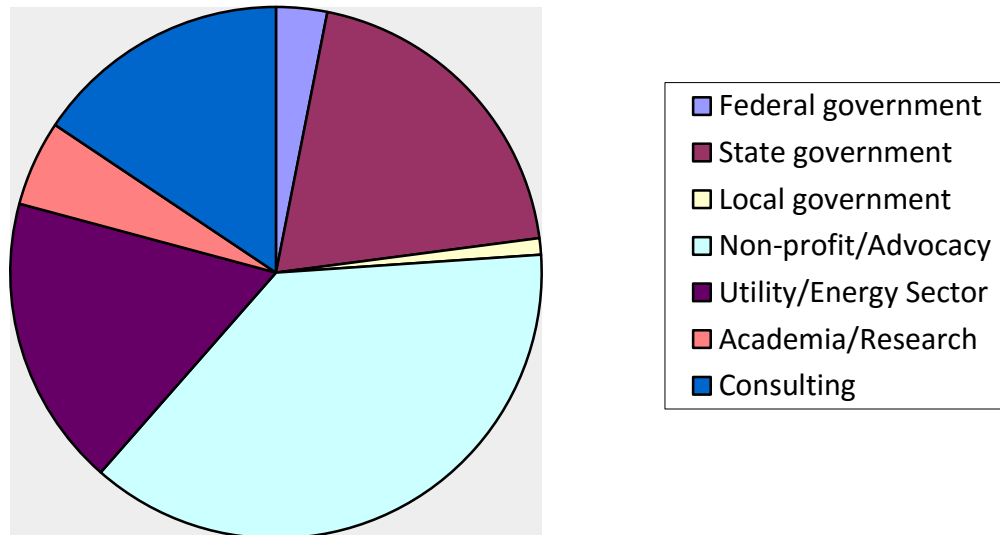
Audrey Starkebaum
Policy Analyst
E4TheFuture
(774) 777-5121 ext. 106

astarkebaum@e4thefuture.org

Multi-stakeholder Working Group Composition

- Composed of ~ 100 members
- Ongoing membership pending capacity to accommodate additional participants

Working Group Sector Breakdown





Multi-stakeholder Working Group Roster

→ **Follow-up poll: What information would be you be willing to share with your fellow stakeholders? (Check all that apply):**

- **Name, organization, and title**
- **E-mail address**
- **Phone number**
- **Short bio**
- **Please keep all of my information private**



Webinar Objectives

- Give short overview of NEER project
- Describe role, process, and timeline of Multi-stakeholder Working Group
- Present background information on tracking registries
- Answer questions about the NEER or the stakeholder process



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INTRODUCTION TO NEER PROJECT



About the NEER

- A national web-based platform that will track energy efficiency
- Policy neutral
- Built on best practice
 - Registry design
 - Energy efficiency accounting and reporting protocols
- Will support existing state and federal regulations



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NEER Development Elements

States Initiative on
Principles and
Governance

Policy & Integration
Working Groups

NEER

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Committee to Draft
Functional
Requirements

Development and
Implementation

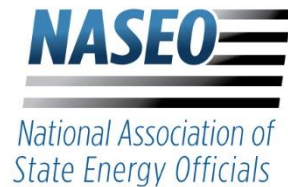


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State Initiative on Principles & Governance Partners



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State Initiative on Principles & Governance Roles

→ Steering/Advisory Committee

- Develop & finalize principles and operating rules

→ Multi-stakeholder Working Group

- Ensure principles and rules meet the needs of all stakeholders
- Makes recommendations to steering committee

→ Sub-groups

- To be determined in June



State Initiative on Principles & Governance Timeline

Timeframe	Task
March – April 2016	Formation of Multi-stakeholder Working Group & Steering/Advisory Committee
April 2016 – February 2017	Multi-stakeholder Working Group to draft NEER Principles and Operating Rules
April – May 2017	Public comment period for draft NEER Principles and Operating Rules
September 2017	Final roadmap for state adoption and implementation
October 2017	Key functional platform requirements



Multi-stakeholder Working Group Timeline

Timeframe	Activity
March 2016	Formation of Multi-stakeholder Working Group
April 2016	Kickoff stakeholder webinar
June 2016	Initial draft NEER Principles and Operating Rules circulated to working group
July 2016	Stakeholder webinar; July 14th 1-3 EDT/10-12 PDT
September 2016	Stakeholder webinar; in-person attendance opportunity at NASEO meeting in Providence, RI Sept. 11-14 th (TBD)
October 2016	Stakeholder webinar (TBD)
November 2016	Stakeholder webinar (TBD)
February 2017	Final stakeholder webinar; in-person attendance option at NASEO meeting in Washington, DC Feb. 7-10 (TBD)



Opportunity for In-person Meetings

- **Follow-up poll: What is the likelihood that you would be able to attend an in-person working group meeting? (Check one)**
- I'll be there
 - Very likely
 - Interested, but it depends
 - Not likely
 - Will not attend



Stakeholder Process & Materials

- **Materials to be distributed to working group in June**
 - Draft Principles and Operating Rules
 - Issue papers
- **Collaborase**
 - Online software tool for review and feedback
 - TCR will provide instructions and training in June
 - More information available at:
<https://collaborase.com/about>

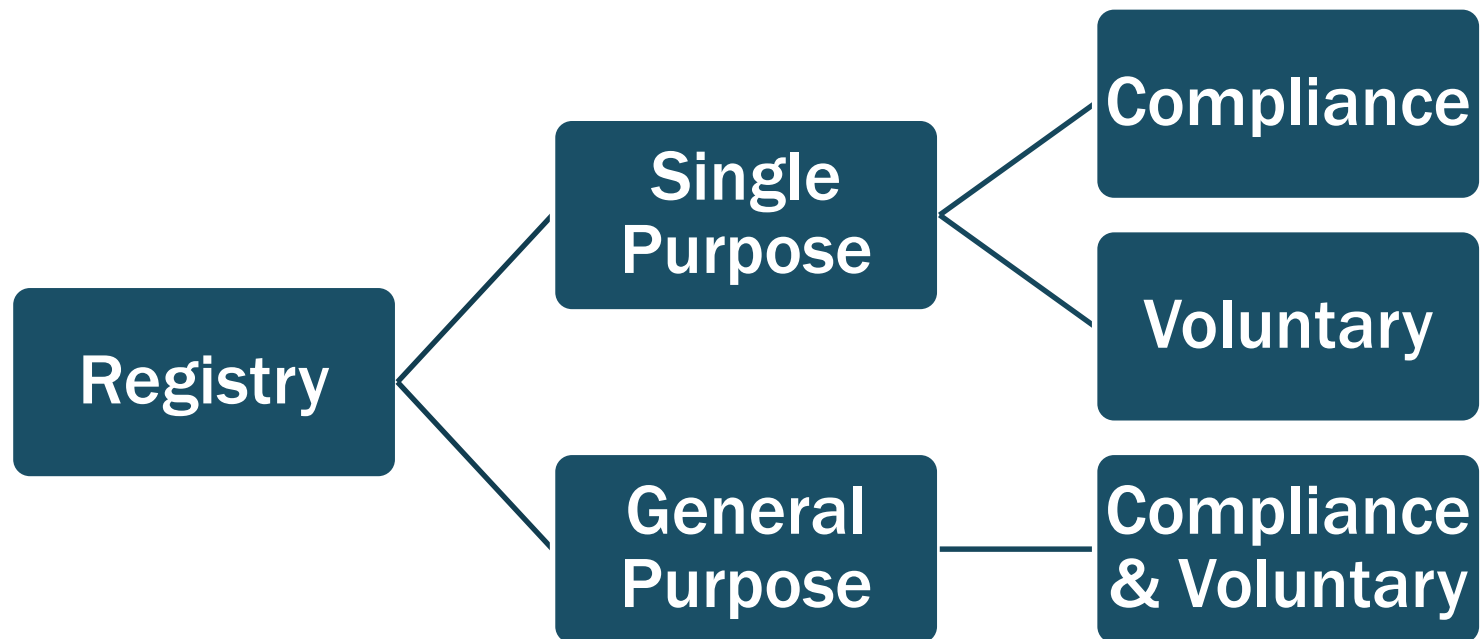


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REGISTRY PRIMER

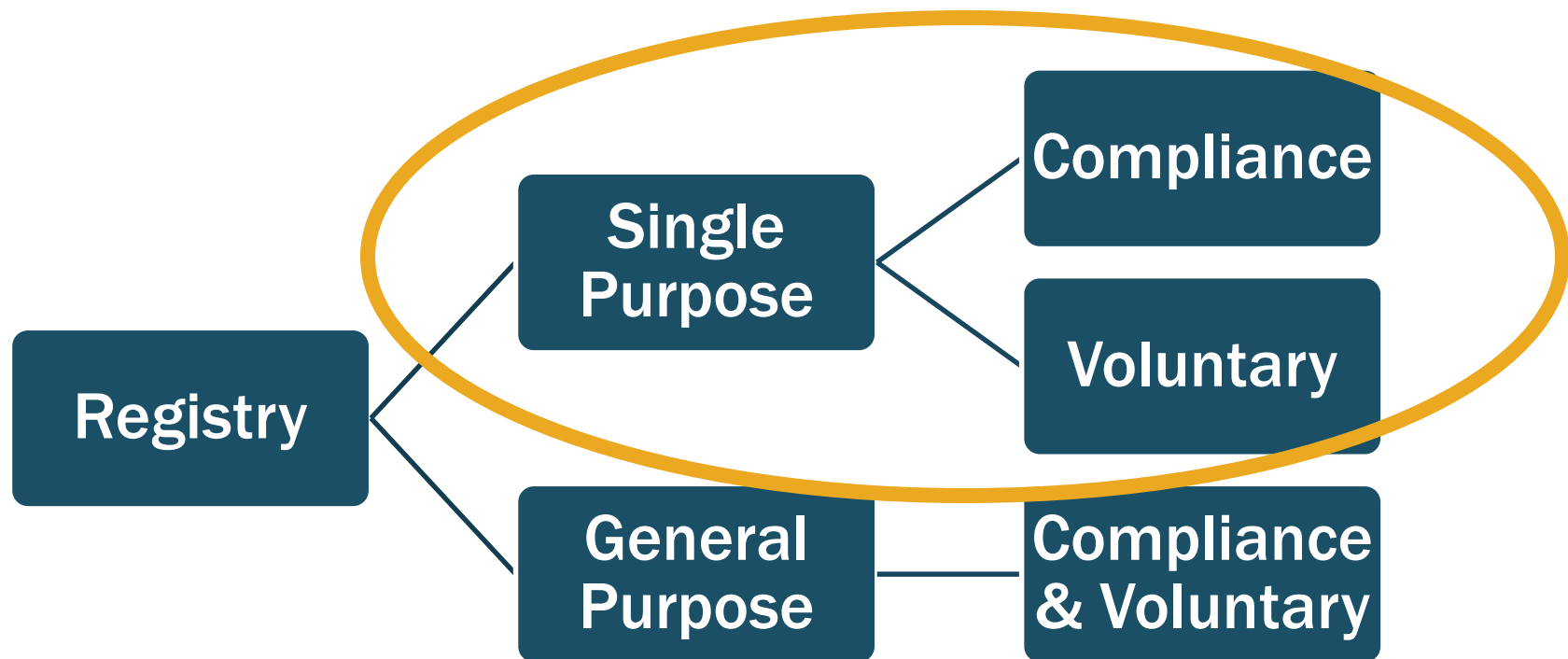


Attribute Registries: All Shapes and Sizes



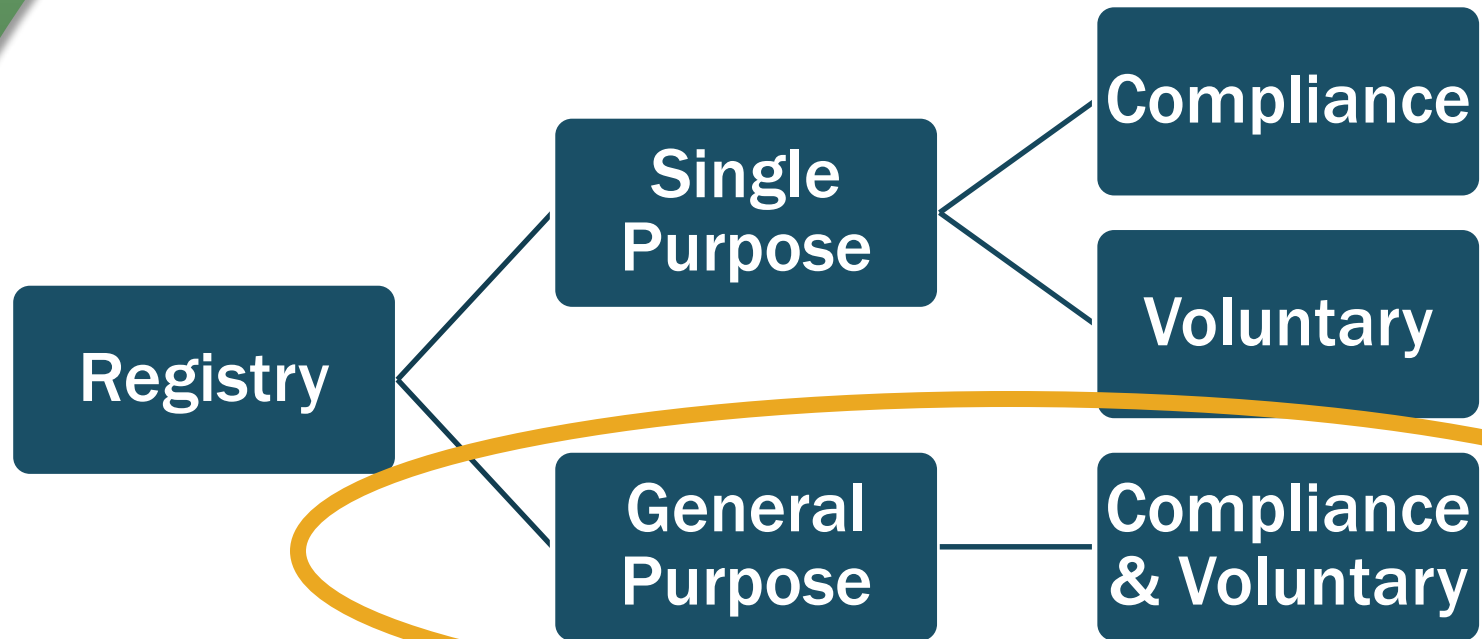


Compliance Instruments





Certificates





Example Attribute Registries

Single Purpose Compliance Instrument Registries

- Acid Rain Program Registry
- Ozone Transport Commission NO_x Registry
- RGGI Allowance Registry

Voluntary Registries

- Green-e
- Verified Carbon Standard Registry
- Low Impact Hydropower Institute Registry

General Purpose “All Non Energy Attributes” Certificate Registries

- NEPOOL Generation Information System (GIS)
- PJM Generation Attributes Tracking System (GATS)
- WREGIS
- NARR
- MRETS



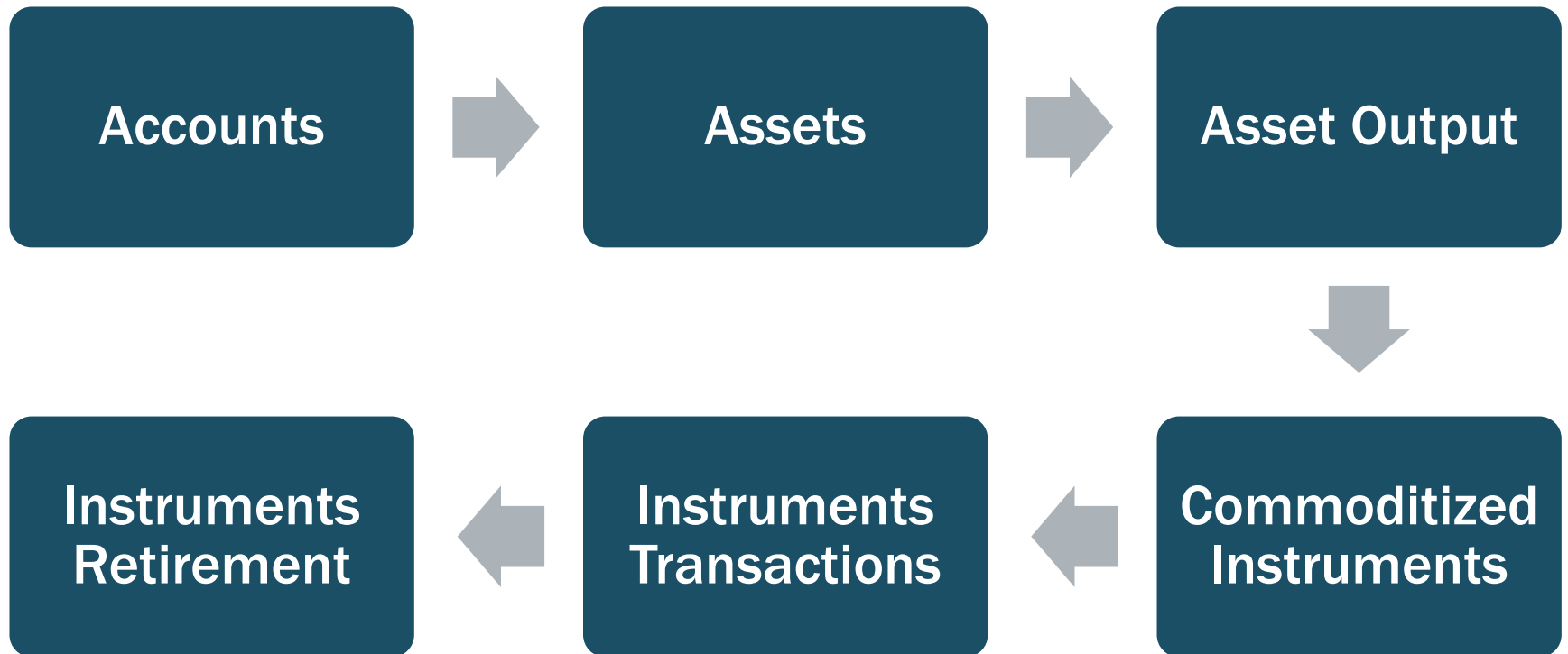
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Good News & Bad News





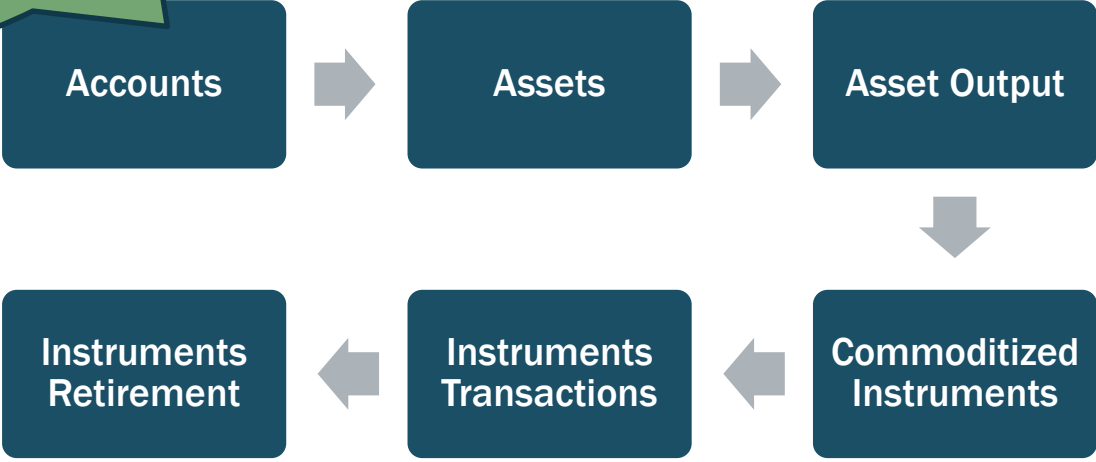
Basic Registry Elements





Accounts

Legally Responsible Parties
One Party = One Account

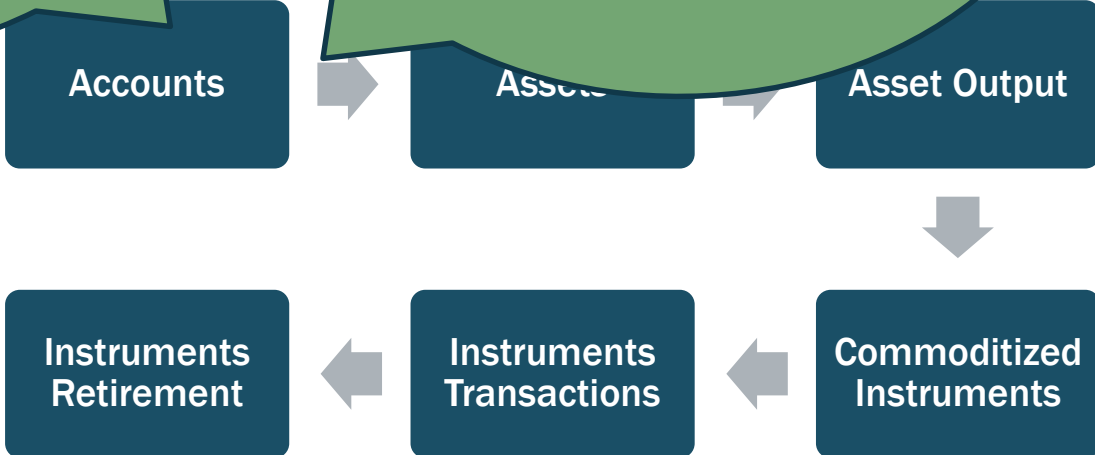


Accounts

Legally Responsible Parties

One Party = One Account

Where Account Holder Static Data Lives



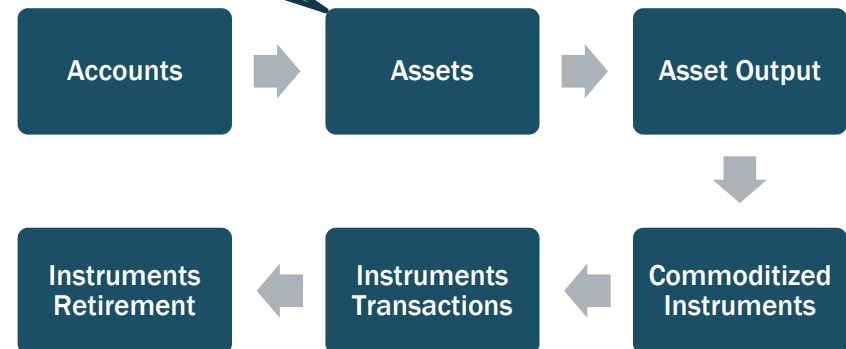


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Assets

**Projects,
Programs or
Policies**

One Account > multiple
Assets; each Asset only
1 Account

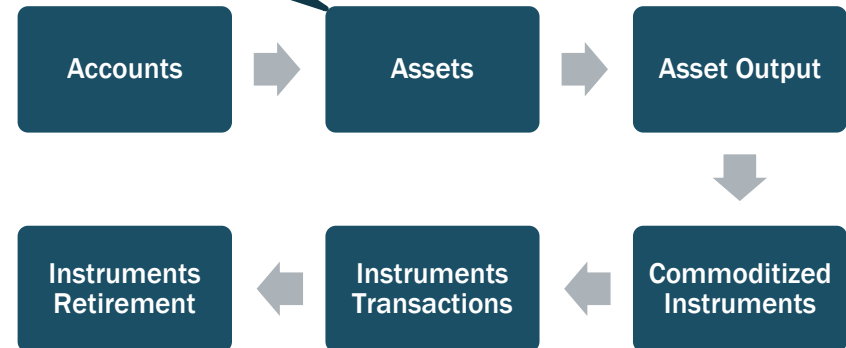


Assets

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**“Eligibility”
is recorded
here**



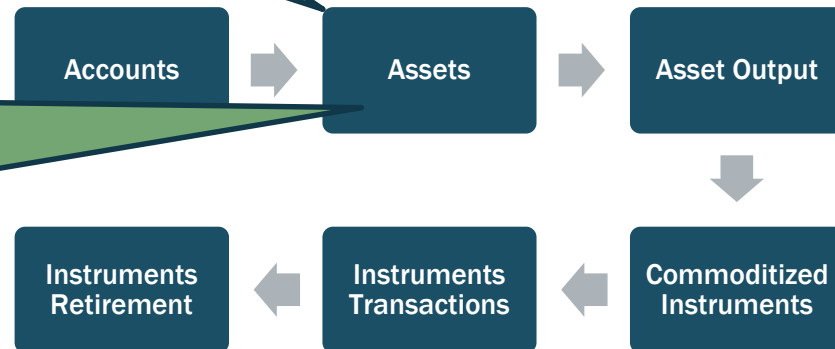
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**“Eligibility”
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**Where Asset
Static Data”
Lives**

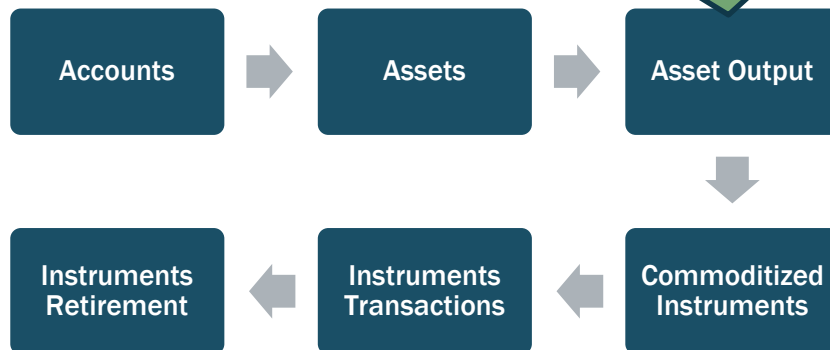


*or their agents



Asset Output

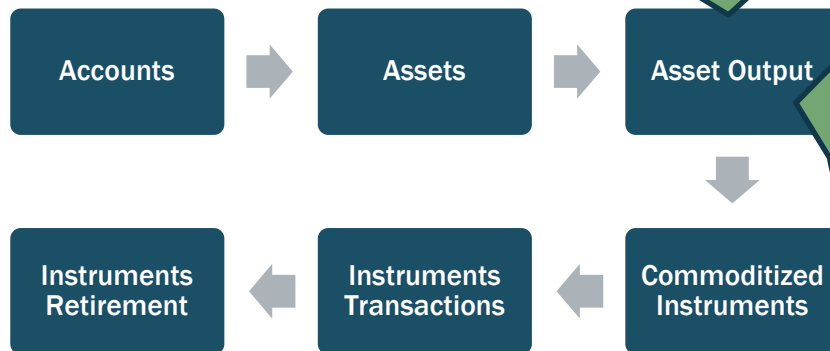
Standard Output
Unit of Measure
&
Vintage





Asset Output

**Standard Output
Unit of Measure
&
Vintage**

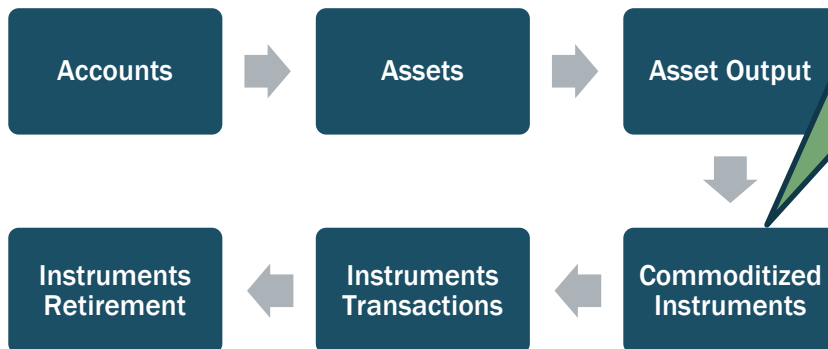


**Where
“Dynamic Data”
lives**



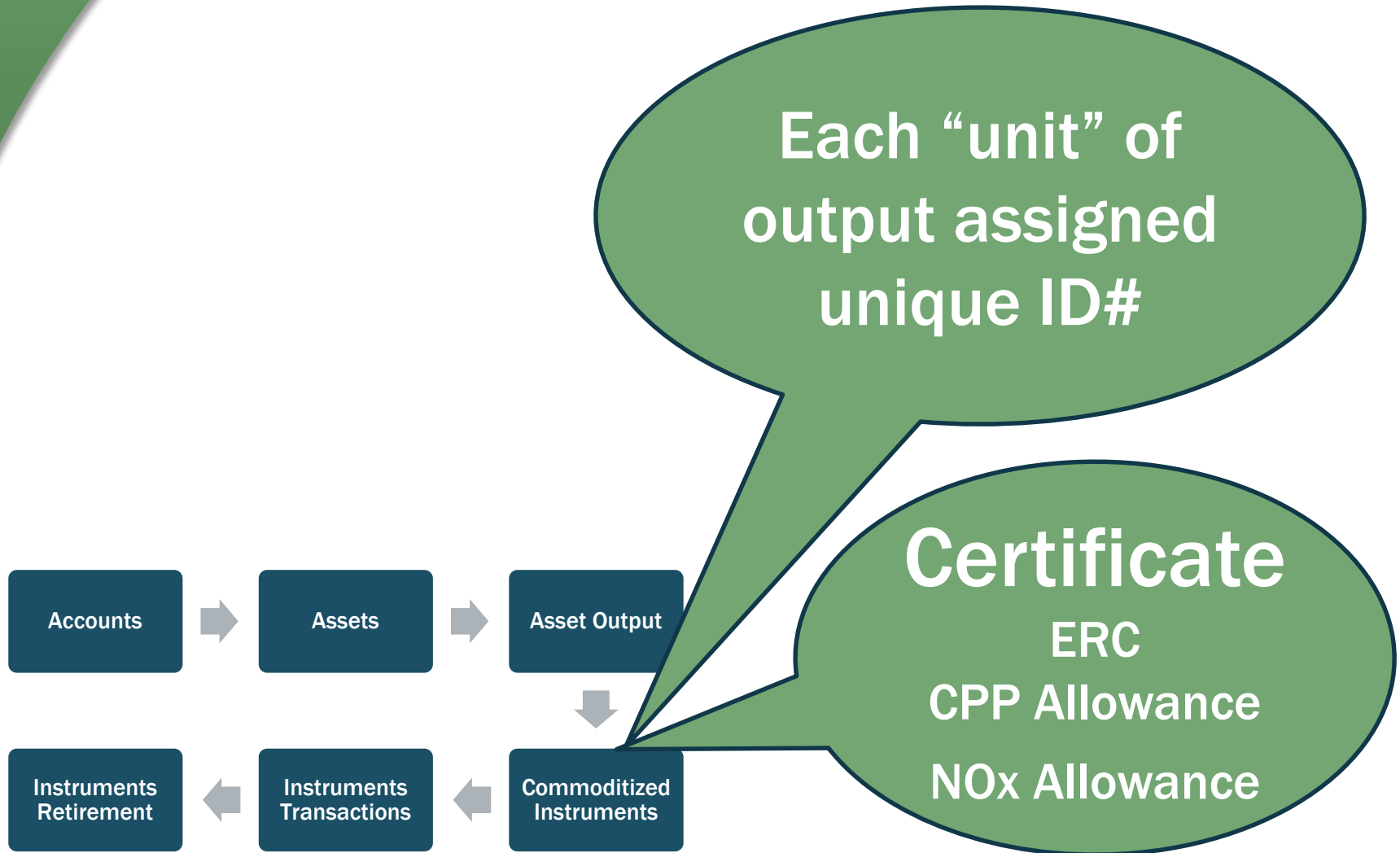
Commoditized Instruments

Each “unit” of output assigned unique ID#





Commoditized Instruments



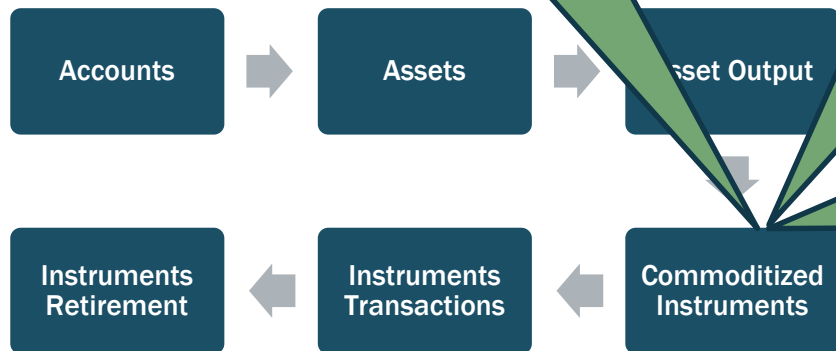


Commoditized Instruments

Trading Ready!!

Each "unit" of output assigned unique ID#

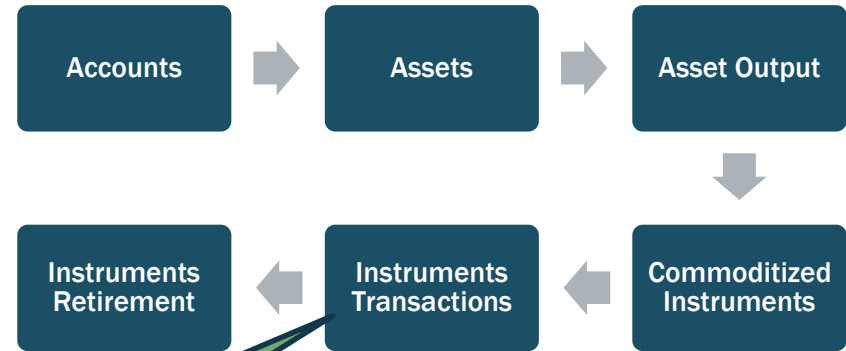
Certificate
ERC
CPP Allowance
NOx Allowance





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Instrument Transactions

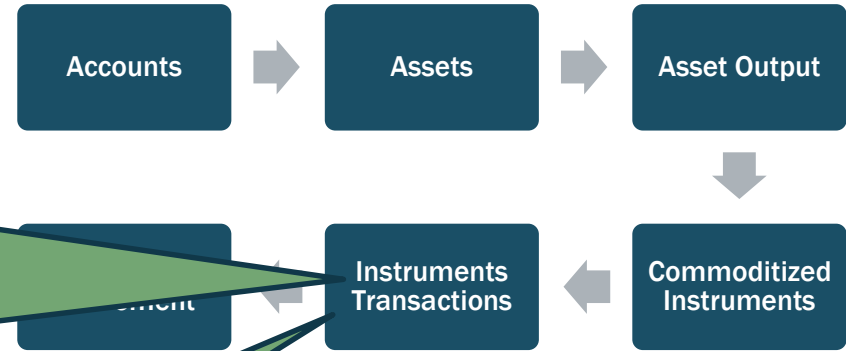


Conservation of Instruments

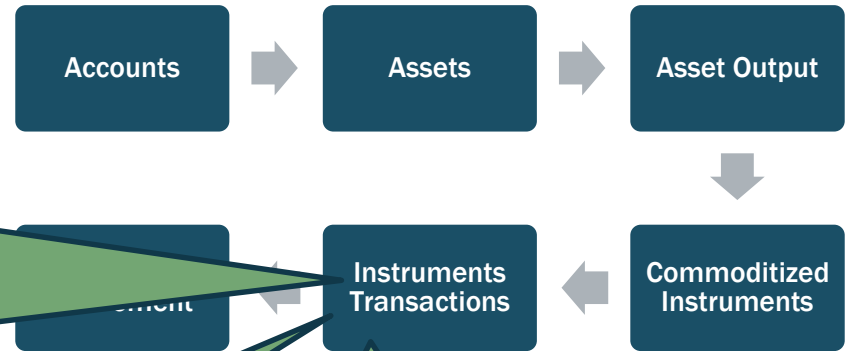
Instrument Transactions

Account for every “unit of output”

Conservation of Instruments



Instrument Transactions



Account for every “unit of output”

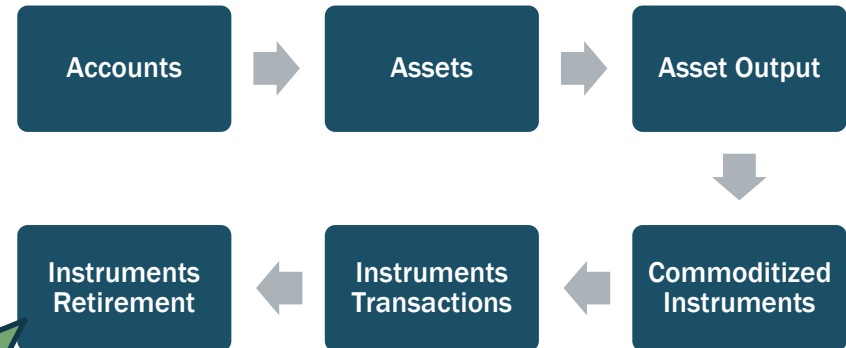
Conservation of Instruments

Full “chain of custody”
from Asset Registration to Instrument Retirement



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Instrument Retirement



PERMANENTLY

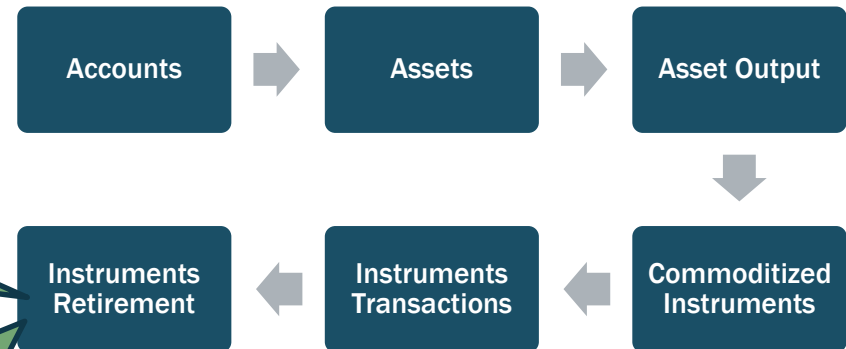
Remove a
“unit of output”
from trading



Instrument Retirement

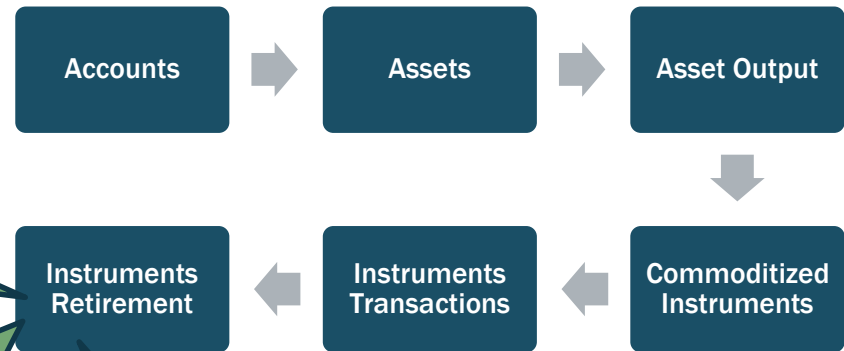
Retired
Instruments can be
included in
Compliance filing

PERMANENTLY
Remove a
“unit of output”
from trading





Instrument Retirement



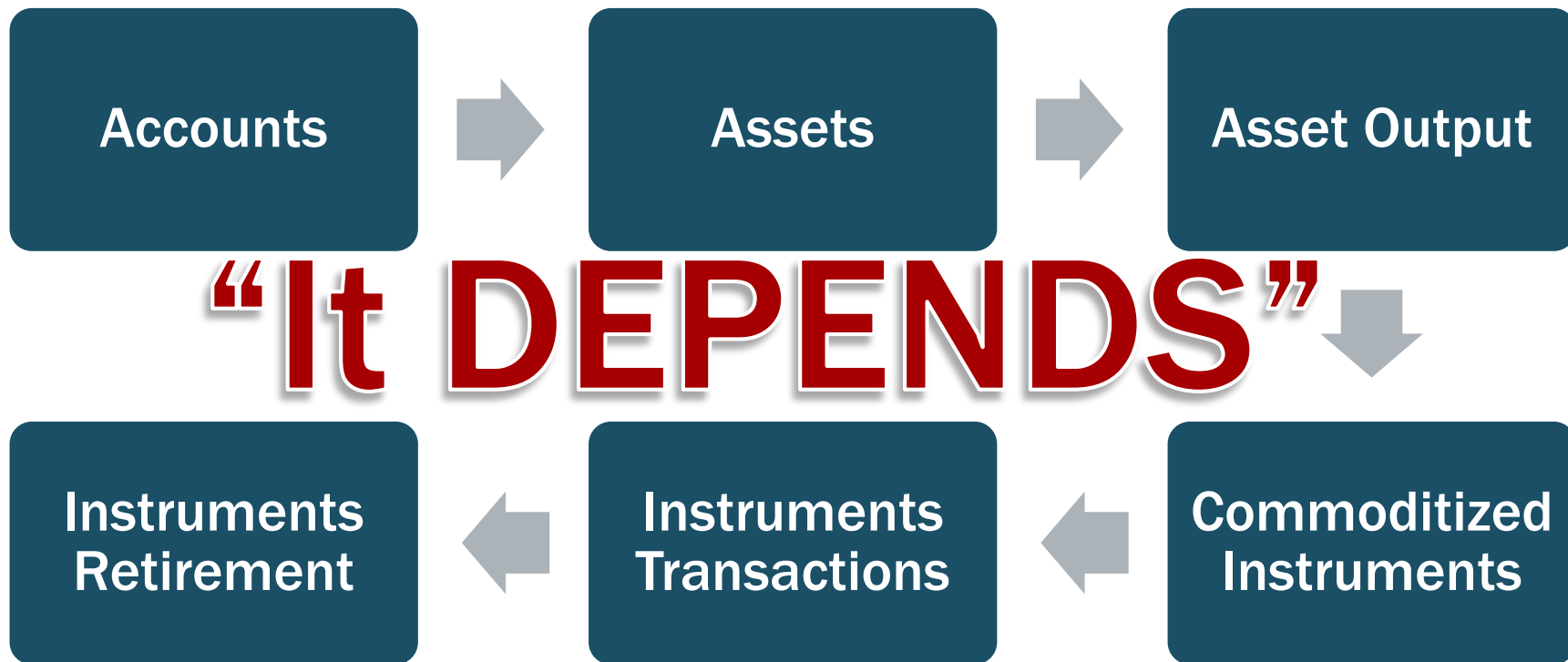
Retired Instruments can be included in Compliance filing

PERMANENTLY
Remove a “unit of output” from trading

Retired Instruments can be used to support a marketing claim

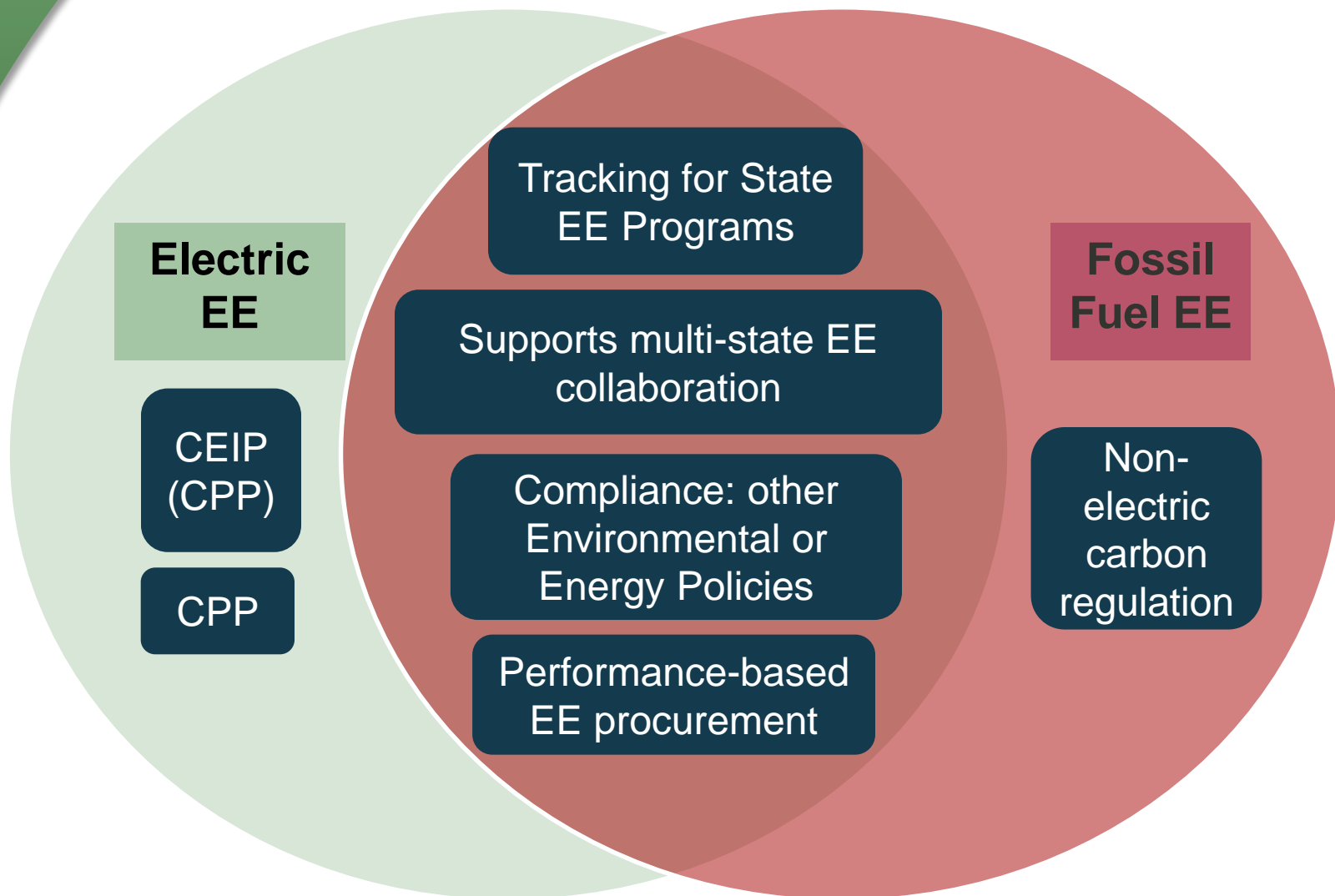


Which Elements Will NEER Have?





NEER: Potential Applications





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NEXT STEPS



Next Steps

- Slides and a recording of this webinar to be distributed to working group members
 - Respond to follow-up polls by ***Friday, April 29th***
- TCR to distribute draft NEER Principles and Operating rules in June
 - Working group to review in advance of July webinar
 - Will include training and instructions for Collaborase software
 - Issue papers
- Next webinar: July 14th 1-3 EDT / 10-12 PDT



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QUESTION & ANSWER



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Thank you!

For more information, please contact:



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The Climate Registry
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