



# Clean Fuels Program AF-CCS Advisory Panel Meeting

May 3, 2023

# Opening & welcome

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Rebecca Sears



# Ecology staff

- Abbey Brown – Technical Lead
- Debebe Dererie – Fuel Pathway Specialist
- Rebecca Sears – Project Manager & Partnership Specialist
- Janée Zakoren – Outreach & Engagement Specialist
- Joel Creswell – Climate Policy Section Manager

# Agenda



- Opening & welcome
- Ecology update
- Year in review
- Learnings – breakout & discussion
- Break
- Panel in review – breakout & discussion
- What's next – discussion
- Next steps & wrap-up



# Ecology update

Abbey Brown



# Clean Fuel Standard Implementation

- 250+ registered parties
- Q1 2023 closed
- Q1 2023 quarterly reporting open
- WFRS registration and reporting open
- FSE registration open
- AFP registration and fuel pathway application open
- Ecology actively reviewing and approving applications

# Coming up

# 2023

- **May**
  - May 1: Reporting for Q1 begins
  - Ecology reviews reports & assigns credits & deficits
- **June**
  - Ecology continues assigning credits & deficits
- **July**
  - July 1: Q2 reporting begins
  - Reconciliation for liquid fuels
  - July 31: Q1 reporting ends
  - End of credit generation for Q1 2023



# Year in review

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Rebecca Sears



# AF-CCSAP Year in Review

Year in review document outline:

- I. Summary of year
- II. Learnings
- III. Up next
- IV. Appendix
  - I. Members
  - II. Charter
  - III. Mural workplan (May and June)
  - IV. Summaries of May and June, 2022
  - V. Summary of August 2022(practices, priorities, criteria)
  - VI. Summary of October 2022(biochar basics)
  - VII. Summary of February 2023 (biochar lifecycle)

# Year in Review process

- Discuss learnings during meeting
- Post-meeting survey
- Post-meeting 1:1
- Draft document & review

# Summary of year

- Done
  - Charter
  - CFS 101
  - LCA 101
  - Working practices, priorities, criteria
- Ongoing
  - Biochar learning via SME presentations:
    - Done: basics and LCA
    - Up next: controversies & economics
- Up next
  - Document biochar learnings
  - Ecology further define CFS decision(s) and panel input/recommendation needs
  - Develop panel biochar input/recommendation

# Workplan topics – evolution over time

- Unintended impacts
- Health impacts
- Environmental Justice
- CFS mechanisms
- Incentivizing best practices
- Financial/energy costs
- Materials sourcing
- Practical application
- Practices with potential for CCS benefits
- Common vocabulary



- Practices with potential for CCS benefits
  - How they work
  - LCA
  - Economics
    - Financial/energy costs
    - Materials sourcing
    - Practical application
  - Avoiding negative impacts
    - Unintended impacts
    - Health impacts
    - Environmental Justice
- CFS
  - Possible mechanisms
  - Incentivizing best practices
- General panel needs
  - Common vocabulary
  - What else is happening that's related

# Learnings

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Breakout &  
discussion



# Structured discussion on learnings

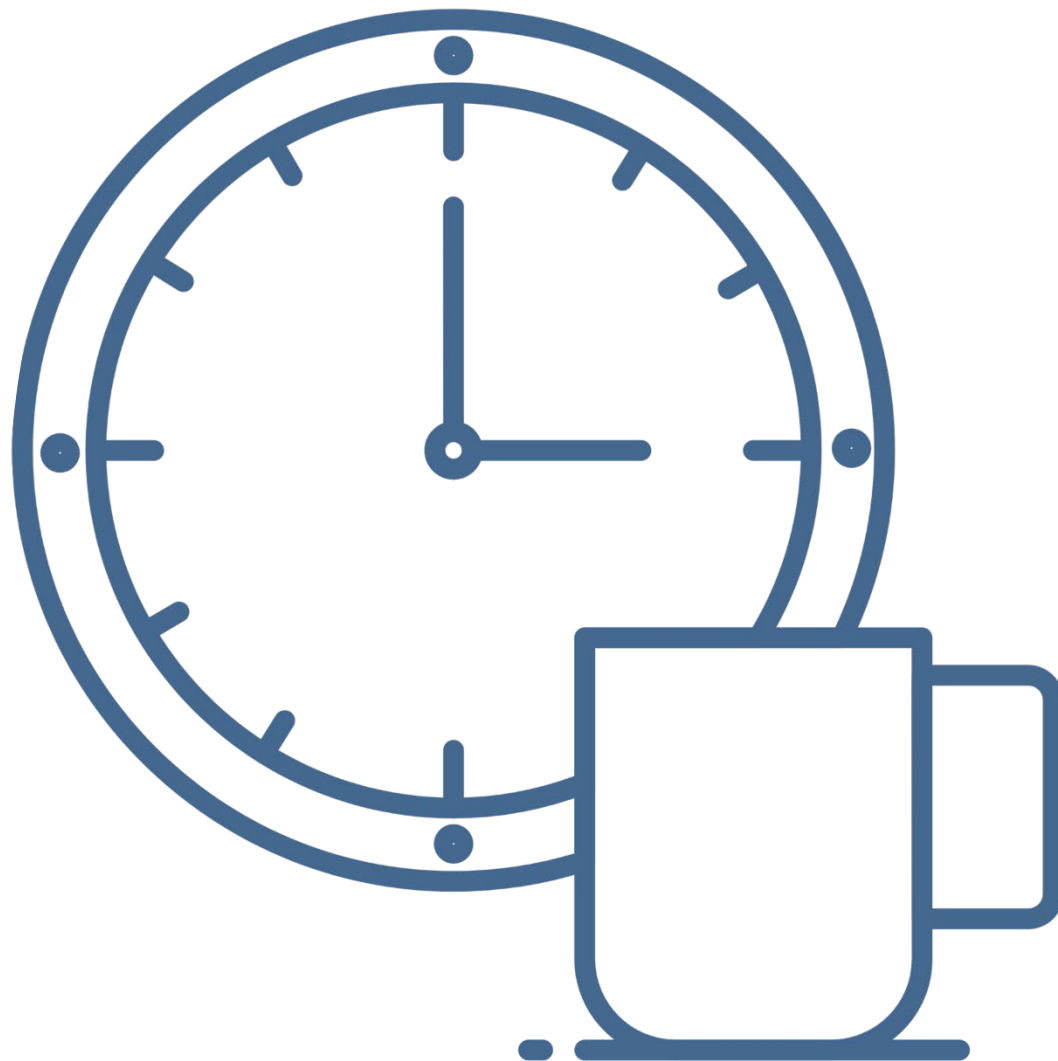
Tools: writing material, Zoom breakout rooms

What are your key learnings from the work of the advisory panel?

1. Individual reflection (3 min)
  - Have writing material to jot down learnings
2. Paired discussion (10 min)
  - Zoom breakout room.
  - Share and discuss learnings
  - Each person has floor for 5 min
3. Plenary discussion (35 min)
  - Round robin share out on discussions, learnings

**Possible categories:** charter, Clean Fuel Standard, lifecycle assessment, CCS practices, CCS priorities, CCS criteria, biochar

# Break



# What's next

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Discussion





# Near term

- Done

- Charter
- CFS 101
- LCA 101
- Working practices, priorities, criteria

- Ongoing

- Biochar learning via SME presentations:
  - Done: basics and LCA
  - Up next: controversies and economics

- Up next

- Document biochar learnings
- Ecology further define CFS decision(s) and panel input/recommendation needs
- Develop panel biochar input/recommendation

# On the horizon

- Near term
  - Biochar learning via SME presentations
  - Document biochar learnings
  - ECY define decisions and input needs
  - Develop panel biochar input/rec
- What's next?
- H2 2024
  - Tier 2 pathway (Oct); possible annual rec rhythm thereafter

# Structured discussion on what's next and when

Tools: writing material, Zoom breakout rooms

What are the priorities you would like the panel to explore and when?

1. Individual reflection (3 min)
  - Have writing material to jot down **what's next and when**
2. Paired discussion (10 min)
  - Zoom breakout room
  - Share and discuss what's you would like to see next and when
  - Each person has floor for 5 min
3. Plenary discussion (35 min)
  - Round robin share out on *experiences*

# Wrap up & next steps

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Ecology





# Thank you

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