



# Clean Fuels Standard AF-CCS Advisory Panel Meeting

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May 15, 2024

# Welcome to the Zoom meeting

Please connect your audio & join.

No Sound? Send us a chat and the host will assist you.

Join

Connect Audio & Join

Choose ONE of the audio conference options

Phone CallComputer Audio

Join with Computer Audio

Test Speaker and Microphone

☐ Automatically join audio by computer when joining a meeting

Tip

Try your computer audio *first*.

If you'd like, you can test your speaker and microphone *before* joining.

Participate

Chat

Question? Need help?  
Chat with us!

Participants (1)

Ian Fawley (Host, me)

InviteMute All

Chat

Who can see your messages?

To: Everyone

Type message here...

Turn on the Chat box and Participant list from your toolbar.

Audio

A

Best Option: Use computer for audio

B

If selecting "Phone Call"...

Choose ONE of the audio conference options

Phone CallComputer Audio

Country/Region: United States

Dial: +1 253 215 8782  
+1 669 900 6833  
+1 346 248 7799  
+1 301 715 8592  
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Meeting ID  
Participant ID  
Passcode

Unique Zoom-generated IDs and Passcode

- Dial: **253-215-8782 (Tacoma)**
- Enter Zoom Meeting ID **891 7775 4125**, followed by "#"
- Enter your unique Zoom Participant ID, followed by "#"
- (If you do not enter the Participant ID, you will be prompted to enter the Passcode.)

# Start Recording

We will begin recording at this time.







# Clean Fuels Standard AF-CCS Advisory Panel Meeting

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May 15, 2024



Abbey Brown – Technical Lead



Debebe Dererie – Fuel Pathway Specialist



Rebecca Sears – Project Manager & Partnership Specialist



Julie Acevedo – Outreach & Engagement Specialist

# Ecology staff



# Agenda

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- Opening & round robin
- Ecology update
- The EU experience with biologic CCS and lifecycle assessment  
–*Nikita Pavlenko*
- Implications of the EU experience for Washington
- June meeting preview: operationalizing panel recommendations
- Next steps & wrap-up







# Ecology Update

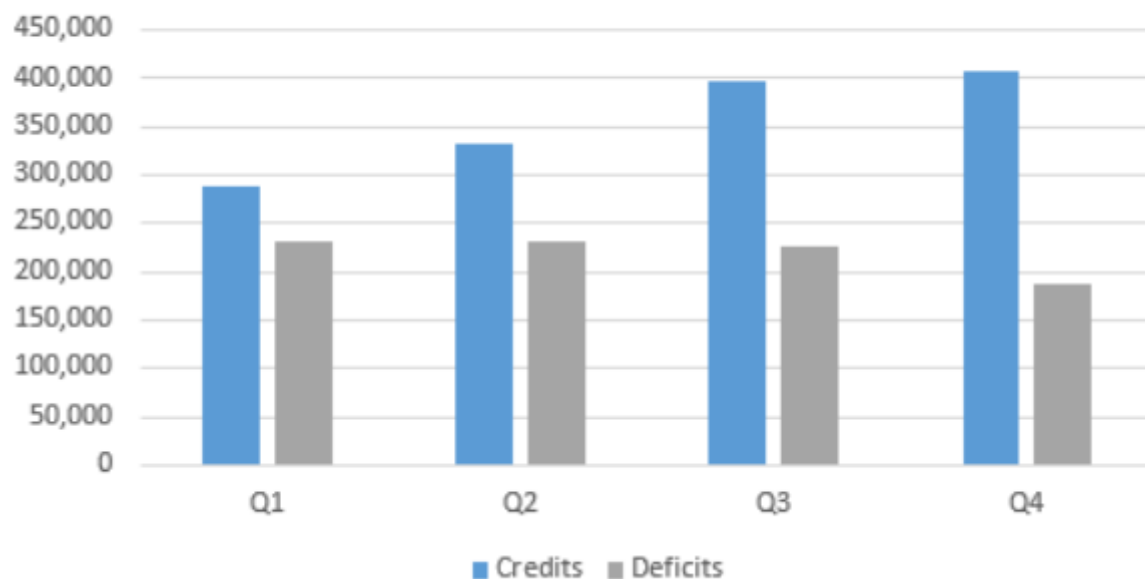
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Abbey Brown

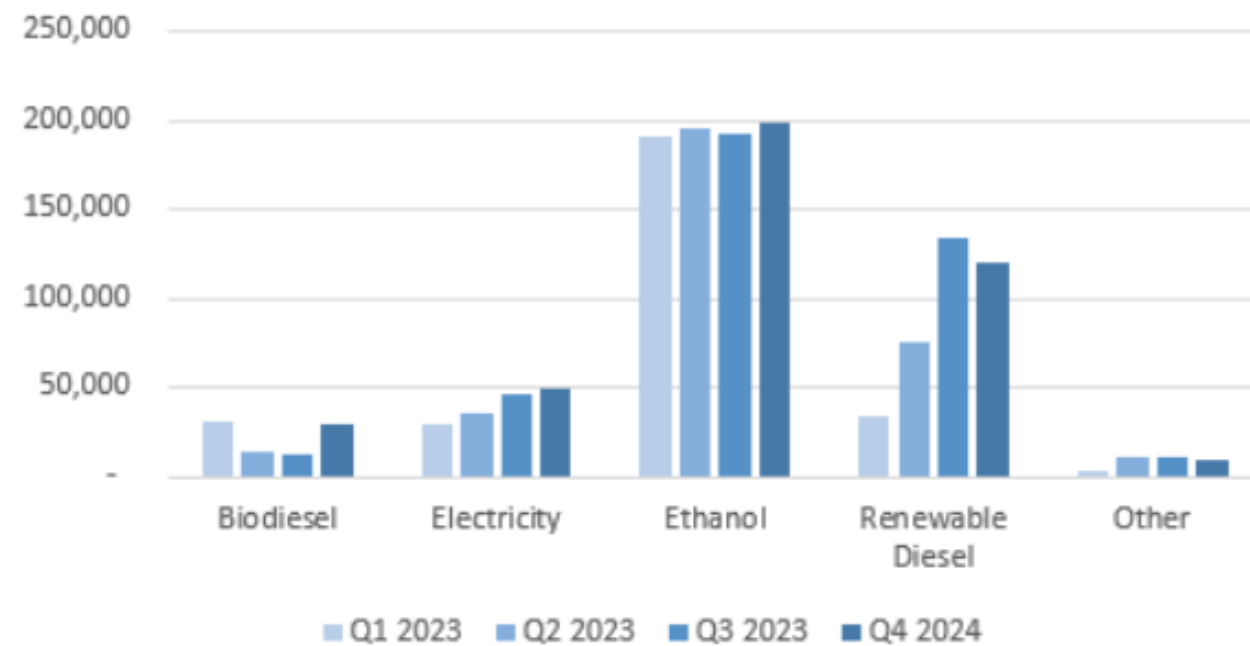
# One year of implementation

347 participants registered.

Credit and Deficit Generation



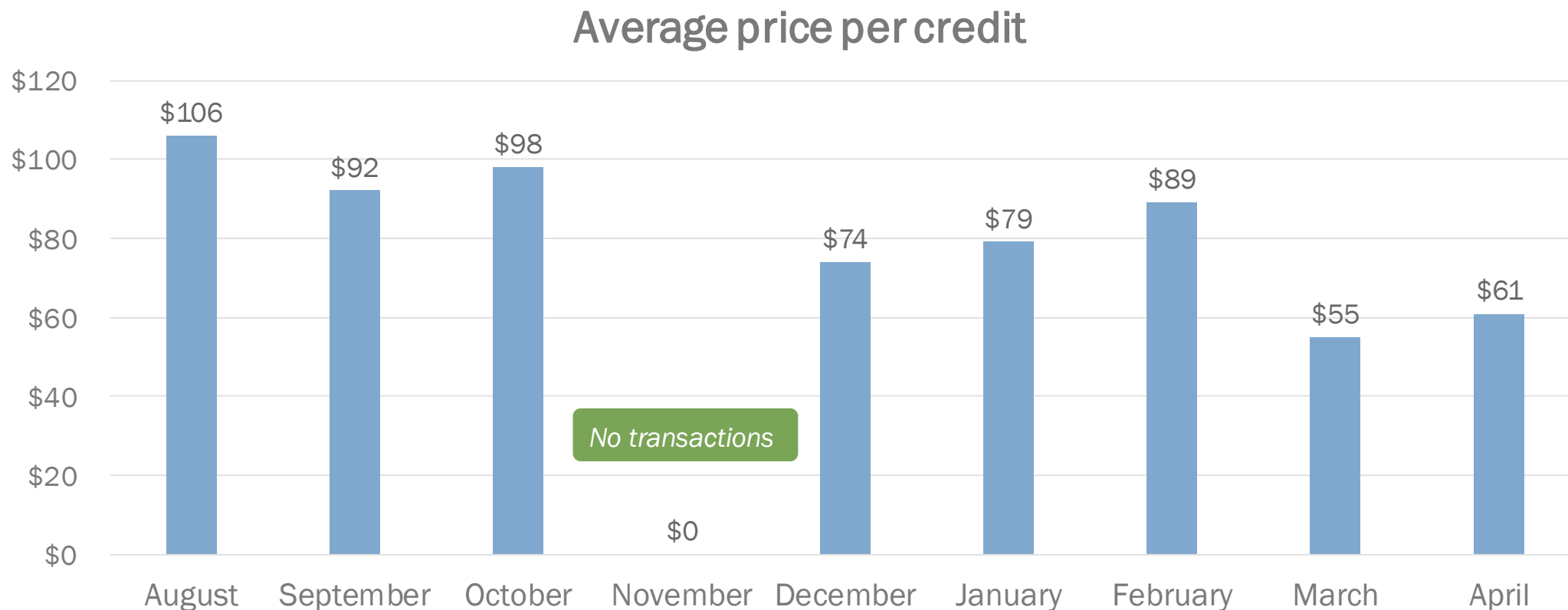
Credit Generation by Fuel Type





# Average credit price

Participants negotiate the price between themselves based on market demand.



# Rulemaking

## Proposed updates to the rule include:

- Incorporating elements from ESSB 5447 to promote the production and use of Sustainable Aviation Fuel (SAF) in Washington.
- Adding third-party verification
- Refining existing language to improve technical readability and ease of compliance

*Informal comment period open until May 31<sup>st</sup>:*

<https://aq.ecology.commentinput.com/?id=Mx25jRVUTG>





# The EU experience with biologic CCS and lifecycle assessment

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Nikita Pavlenko



# Implications of the EU experience for Washington

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# Questions for discussion

1. What were some learnings? Things that you weren't expecting?
2. What might be relevant for the Washington CFS?
  - A. Anything that might deter us?
  - B. If modeling isn't used, what are implications for Washington CFS?
3. Implications for the panel
  - A. Issues or topics that panel might explore
  - B. Implications for the output of the panel

# June preview

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# Interest from panel to...



- Revisit the purpose and scope of the panel
- Assess the charge for the panel



- Narrow the panel focus
- Narrowing the panel focus would facilitate solid, quality recommendations



- Define what we really want to do and at what depth



# Next steps & wrap up

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Ecology



# Contacts

Technical Lead

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**Thank you for  
attending!**

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