

## **FINAL Minutes of February 10, 2022 Ethylene Producers' Environmental Sub-Committee Meeting**

(February 10, Rev. 0)

Following are the minutes of the February 10, 2022 Ethylene Producers' Environmental Sub-Committee Meeting, held via MS Teams with Walter Postula, Shell Global Solutions (US) Inc., as host.

**Present:** Rick Beleutz, LyondellBasell  
Troy Boley, Spectrum Environmental Solutions, LLC  
Jacob Hilbrich, Chevron Phillips  
Brandon Lithgoe, Ashworth Leininger Group  
Dan Lutz, Ineos  
Andrés Muñoz Gandarillas, Neste  
Arijit Pakrasi, Edge Engineering and Science  
Jennifer Port, ExxonMobil Chemicals  
Walter Postula, Shell Global Solutions (US) Inc.  
Mark Schmidt, Dow  
Jason Trembly, Ohio University (AIChE Environmental Division)  
Mark Ulrich, Linde Engineering Americas  
Gary Wojnowski, BASF

**Absent:** Benjamin Burns, LyondellBasell?  
Ahmad Hamad, Siemens-Energy  
Ted Heron, The Catalyst Group  
James Kendall, ExxonMobil Chemicals  
Allyson Ledet, NOVA Chemicals  
Patti Long, Eastman  
Gerardo Ruiz-Mercado, US EPA (AIChE Environmental Division)  
Jeffrey Seay, University of Kentucky (AIChE Environmental Division)  
Dick Siegel, R&B Consulting Services (AIChE Environmental Division)  
Edward Soliz Jr., LyondellBasell

The meeting began at 9:02 am with Walter Postula reading the Ethylene Producers' Committee (EPC) anti-trust statement:

No activity of the committee shall involve the exchange, collection, or dissemination of information among competitors for the purpose of bringing about or attempting to bring about an understanding or agreement, written or oral, formal or informal, express or implied, among competitors, with regard to costs, prices, pricing methods, terms or conditions of sale, distribution, production quotas or other limitations on either the timing or volume of production or sales, or allocation of territories or customers.

The meeting agenda was published in advance and is included below:

- 1) Reading of Anti-Trust Statement [9:02 AM]
- 2) Review of progress/need for follow-up on presentation/paper completion for accepted abstracts [9:05 AM]
  - *Ethylene Risk and Technology Review: What's the Path Forward?*; S. Smith (and Troy Boley?)
  - *Cracking of Renewable Feedstock*; M. Jordens and R. Reguillo

- *Shell and the Plastic Circular Economy: Innovation, Collaboration and Investment*; L.A. Grau Sr. and N. Genty
  - *Sustainability Certification for Ethylene Supply Chains Using ISCC PLUS*; P. Hawighorst
  - *ESG Economics Lead to Third Party Verification of Greenhouse Gas Emissions*; J. LeBlanc and B. Lithgoe
- 3) Discuss presentation “dry-run” [9:25 AM]
  - 4) Review of Action Items [9:35 AM]
  - 5) Important Date Reminders
    - March 27, 2022 – Paper submission for pre-conference proceedings (AIChE deadline)
    - April 10-14, 2022 – Spring Meeting – San Antonio, TX (Environmental Session is Wednesday morning, April 13, 8-11 AM)
    - April 29, 2022 – Paper submission for final proceedings (AIChE deadline)
  - 6) Adjourn [9:40 AM]

**Apology to new members:** Rick Beleutz pointed out that our new members, James Kendall (ExxonMobil) and Allyson Ledet (NOVA Chemicals), welcomed last meeting, were not included on this meeting’s invite list. Apologies, oversight was mine, will be corrected going forward.

**Review of progress/need for follow-up on presentation/paper completion for accepted abstract:** Andrés sent the author and format guidelines to each presenter when abstract list was finalized. The subcommittee went through the session paper list below. The “representative” for each paper provided a status update.

(50 min) Ethylene Risk and Technology Review: What’s the Path Forward?

Rick spoke to Steve Smith and he is on track for the RTR update portion. Toy Boley volunteered to author/present the flare monitoring aspect. Troy planned to contact Steve. Presentation is still scheduled as “double length.”

(25 min) Cracking of Renewable Feedstock

Andrés has been in contact with author. Paper is on schedule.

(25 min) Shell and the Plastic Circular Economy: Innovation, Collaboration and Investment

Walter has informed the authors of the deadlines. Author(s) confirmed that they will be ready.

(25 min) Sustainability Certification for Ethylene Supply Chains Using ISCC Plus

Andrés has been in contact with author. Paper is on schedule.

(25 min) ESG Economics Lead to Third Party Verification of Greenhouse Gas Emissions

Brandon confirmed the preparation is on schedule.

AIChE calls the paper (text) an extended abstract. Authors will upload their papers to AIChE themselves (to be included in the AIChE Conference Proceedings). Upload of EPC presentations and papers (to Omnipress library) will occur through Session Chairs providing files at the conference.

**Discuss presentation “dry-run”:** The subcommittee agreed that a presentation dry-run was useful. Andrés will set-up a virtual meeting on March 24<sup>th</sup>.

**Review of Action Items:** Below are the action items (responsible in **bold**)

- **Walter:** Add new subcommittee members to meeting attendee list
- **Andrés:** Ensure Troy Boley is added (in Confex) as author and presenter for first paper
- **Andrés:** Set up virtual session for presentation dry-run (March 24<sup>th</sup>)

**Important Date Reminders:** The dates listed in item 5 of the agenda were reviewed.

**Adjourn:** The meeting/teleconference was closed at 9:25 am.