

FINAL Minutes of October 13, 2022 Ethylene Producers' Environmental Sub-Committee Meeting
(October 13, Rev. 0)

Following are the minutes of the October 13, 2022 Ethylene Producers' Environmental Sub-Committee Meeting, held via MS Teams with Walter Postula, Shell Global Solutions (US) Inc., as host.

Present: Ahmad Hamad, Siemens-Energy
James Kendall, ExxonMobil Chemicals
Allyson Ledet, NOVA Chemicals
Dan Lutz, Ineos
Andrés Muñoz Gandarillas, Neste
Jennifer Port, ExxonMobil Chemicals
Walter Postula, Shell Global Solutions (US) Inc.
Mark Ulrich, Linde Engineering Americas
Gary Wojnowski, BASF

Absent: Rick Beleutz, LyondellBasell
Troy Boley, Spectrum Environmental Solutions, LLC
Benjamin Burns, LyondellBasell?
Ted Heron, The Catalyst Group
Jacob Hilbrich, Chevron Phillips
Brandon Lithgoe, Ashworth Leininger Group
Patti Long, Eastman
Gerardo Ruiz-Mercado, US EPA (AIChE Environmental Division)
Arijit Pakrasi, Edge Engineering and Science
Mark Schmidt, Dow
Jeffrey Seay, University of Kentucky (AIChE Environmental Division)
Dick Siegel, R&B Consulting Services (AIChE Environmental Division)
Edward Soliz Jr., LyondellBasell
Jason Trembly, Ohio University (AIChE Environmental Division)

The meeting began at 9:03 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) Chair/Co-Chair for 2023 session [9:04 AM]
- 3) Abstract generation for 2023 Environmental Session [9:10 AM]
 - a. US approach to regulating GHG emissions (Brandon coordinating)
 - b. EMACT (Steve Smith)
 - c. Ethylene vs. Refinery performance – fence line monitoring (Troy Boley)
 - d. UGhent topic (Andrés coordinating)

- e. Scope 3 emissions, how values are calculated and passed down chain (Brandon coordinating, EM willing to help)
- 4) Details for Face to Face [9:40 AM]
 - a. December 8th
 - b. Location?
- 5) Subcommittee Name Change [9:48 AM]
- 6) Review of Action Items [9:55 AM]
- 7) Important Date Reminders
 - June 20, 2022 – Call for abstracts opens
 - October 25, 2022 – Call for abstracts closes
 - December 9, 2022 – Papers accepted or rejected
 - January 6, 2023 – Draft schedule ready
 - January 13, 2023 – Program goes live
 - March ??, 2022 – Paper submission closes
 - March 12-16, 2022 – Spring Meeting – Houston, TX
- 8) Adjourn [10:00 AM]

Chair/Co-Chair for 2023 session: After our August 11th meeting Brandon followed up with Gerardo and confirmed that he would not attend the 2023 Spring Meeting. Walter volunteered to serve as Session Chair. Andrés will serve as Session Co-Chair.

Abstract Generation 2023 Environmental Session: From list in item 3 of agenda.

- a) Brandon not on call, separate follow-up needed.
- b) Rick not on call, separate follow-up needed.
- c) Troy not on call, separate follow-up needed.
- d) Ghent had provided text of abstract to Andrés and seems to be topical and a fit for our session. Andrés will follow-up with Ghent to ensure abstract is submitted and they begin work on presentation and paper.
- e) Brandon not on call, separate follow-up needed. Jennifer will contact Brandon regarding ExxonMobil help.

As part of the discussion Mark U. asked about AIChE/EPC policy for requiring paper and if a PowerPoint with detailed notes would be acceptable. Walter stated that it is a strong EPC preference to receive and paper (AIChE not as strict). The PowerPoint with detailed notes is accepted by EPC for tutorial sessions. Suggestion is for our subcommittee to continue paper requirement as official policy but retain the PowerPoint with notes as an option for authors with strong topics that we may lose otherwise.

Details for Face to Face: Mark U. still willing and able to host at Linde's Woodlands office. Rick had previously mentioned the potential to host at LyondellBasell's office. Location to be finalized and communicated to subcommittee.

Subcommittee Name Change: Mark U. reviewed impetus for suggesting name change. Suggested we become the "Environmental and Sustainability" subcommittee. Healthy discussion ensued around what would be included and if there was a better word to define what our purview would be. Came back to "Sustainability" as best fit. Short paragraph will be developed and shared to help define for potential authors. This will be finalized at our December 8th meeting.

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

- **Walter:** Change Session Chair/Co-Chair information in Confex. **DONE**
- **Walter:** Follow-up with Rick on status of Steve Smith's abstract, paper (b.) **DONE**

- **Walter:** Follow-up with Rick on willingness/ability to host our December 8th face-to-face at LyondellBasell office. **DONE**
- **Jennifer:** Follow-up with Brandon on ExxonMobil help for paper (e.) **DONE**
- **Walter:** Follow-up with Troy on abstract for paper (c.) **DONE**
- **Troy:** Develop and submit abstract on fence line monitoring topic
- **Walter:** Follow-up with Brandon on abstract for paper (a.) **DONE**
- **Andrés:** Follow-up with Ghent on submission of abstract for paper (d.)
- **Andrés:** Develop short paragraph on “defining” what topics would be of interest to the newly titled “Environmental & Sustainability” subcommittee to share with group.
- **Walter:** Mention subcommittee name change at Main Committee meeting. **DONE**

Post meeting Note: Jennifer informed the Main Committee that she would be stepping down effective immediately. Her job role has changed away from olefins. She will also be ending her membership on the Environmental Subcommittee. Thank you, Jennifer for your contributions and we wish you much success in your new role!

Important Date Reminders: The dates listed in item 7 of the agenda were reviewed. October 25th date for abstract submission is fast approaching.

Adjourn: The meeting/teleconference was closed at 9:35 am.