

## EPC Operations Committee Meeting Minutes

Time: 1:00 – 2:00pm CDT

Date: 10-5-2023

Location: virtual

Attendance:

Last Name	First Name	Company	Email	Positions	10/5/2023
Baker	Greg	Ineos	<a href="mailto:greg.baker@ineos.com">greg.baker@ineos.com</a>	Member	
Balasubramanian	Vikranth	Linde	<a href="mailto:vikranth.balasubramanian@linde.com">vikranth.balasubramanian@linde.com</a>	Member	X
Cagnolatti	Claire	Retired	<a href="mailto:golsutigers7882@gmail.com">golsutigers7882@gmail.com</a>	Member	
Carr	Chris	ExxonMobil	<a href="mailto:Christopher.j.carr@exxonmobil.com">Christopher.j.carr@exxonmobil.com</a>	Member	X
Chepda	Alain	Total	<a href="mailto:alain.chepda@totalenergies.com">alain.chepda@totalenergies.com</a>	Member	
Dillon	Andrea	Dow	<a href="mailto:andillon@dow.com">andillon@dow.com</a>	Member	
Dillon	John	Dow	<a href="mailto:JJDillon@dow.com">JJDillon@dow.com</a>	Member	
Edwards	Jeff	CP Chem	<a href="mailto:EDWARDS@cpchem.com">EDWARDS@cpchem.com</a>	Member, Director	
Euhus	Dan	Dow	<a href="mailto:deuhus@dow.com">deuhus@dow.com</a>	Member, Chair	
Gilder	Tim	Shintech	<a href="mailto:tgilder@shin-tech.com">tgilder@shin-tech.com</a>	Member, Director	
Gonzales	Abraham	Oxy	<a href="mailto:abraham_gonzales2@oxy.com">abraham_gonzales2@oxy.com</a>	Member, Director	X
Lawrence	Joseph	Motiva	<a href="mailto:joseph.lawrence@motiva.com">joseph.lawrence@motiva.com</a>	Member	X
Maldonado	Miguel	Technip	<a href="mailto:miguel.maldonado@technipenergies.com">miguel.maldonado@technipenergies.com</a>	Member	
McVicker	Bryan	ExxonMobil	<a href="mailto:bryan.mcvicker@exxonmobil.com">bryan.mcvicker@exxonmobil.com</a>	Member	
Miller	Andy	BASF	<a href="mailto:andy.miller@basf.com">andy.miller@basf.com</a>	Member	
Miller	Russell	Nova	<a href="mailto:russell.miller@novachem.com">russell.miller@novachem.com</a>	Member	
Mudd	Mallory	Dow	<a href="mailto:mmudd@dow.com">mmudd@dow.com</a>	Member, Director	X
Odewale	Samuel	CP Chem	<a href="mailto:ODEWAS@cpchem.com">ODEWAS@cpchem.com</a>	Member	
Pena	John	Nova	<a href="mailto:john.pena@novachem.com">john.pena@novachem.com</a>	Member	X
Radtke	David	Honeywell UOP	<a href="mailto:david.radtke@honeywell.com">david.radtke@honeywell.com</a>	Member	X
Shelton	Marty	Eastman	<a href="mailto:martys Shelton@eastman.com">martys Shelton@eastman.com</a>	Member	
Singh	Gurwinder	LyondellBasell	<a href="mailto:gurwinder.singh@lyb.com">gurwinder.singh@lyb.com</a>	Member	
Summers	Patty	Zeochem	<a href="mailto:patty.summers@zeochem.com">patty.summers@zeochem.com</a>	Member, Interm Vice-Chair	X
Wang	Harry	Shell	<a href="mailto:harry.wang@shell.com">harry.wang@shell.com</a>	Member	

### Agenda:

- Anti-Trust statement – Dan
- Membership updates
- 2024 Meeting Updates

### 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 any understanding or agreement, written or oral, formal or informal, express or implied, among competitors with regard to costs, prices or 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.”

### Meeting Minutes

#### Membership:

- Abraham Gonzales – Oxy Chem, EPC Director

#### 2024 Meeting:

- One member commented on being unavailable due to a planned turnaround and mentioned duration. The conversation was quickly stopped by the Exxon Mobil committee member.
- 2 sessions
  - Ethylene Operations Session
    - Dan will need a very strong Vice-Chair this year due to second session.
    - Any early paper ideas from companies?
      - Performance Benchmarking (Solomon Study?) – Sustainability Patty to follow up. Are planning to submit.
      - Performance Benchmarking (Sanjeev Kapur – not exactly clear on this, but more plant specific than Solomon? Asked for feedback on how different from Lummus paper last year). Dan to follow up.
      - Miguel – Grassroots and Revamp Startup. One is furnace specific. One is recovery. – One Abstract provided and attached to notes. 1 abstract in submission process.
      - Harry – Penn Cracker. Caustic Drum, Looking at other papers potentially. Not likely.
      - Tim G. – All4 and E-MACT. Could be focus of Joint Session?
      - Dan/Mallory – Shake the trees.
      - Exxon will shake trees. 2 potential papers. Cold Box replacement. TLE water chemistry potentially another operator or water chemistry company. – 2 papers look likely
      - Areas of Interest: What are people interested in.
        - Circularity.
      - David – Working one paper idea with customer. 1 paper looks likely
      - John Pena – NOVA – 2 parallel exchangers, issues with startup.
  - Proposed Joint Session w/ Environmental and Sustainability – Ethylene Plant Flare Operations in a Post-Ethylene MACT World
    - Tutorial (Vance Varner is interested if EPC covers 1 day meeting cost) – Agreed. Need support for EPC
    - Vendor Perspective – John Zink (Initial Agreement – Following up)
    - Vendor Perspective – Zeeco (Committed)
    - Vendor Perspective - Callidus (Limited Response, said they would consider)
    - Compliance Challenges (All4 - Committed)
    - Combined Q&A with all vendors
    - Constraints:
      - No more than 25% of the presentation can be dedicated to technology options that the provider has to be able to address the new rules and improve operations.
      - Focus on existing equipment.
      - Give each vendor 25 minutes with no questions. All in a Q&A round table about what they are seeing and to answer questions from the audience.

**March 24-28, 2024 Spring Meeting in New Orleans Hilton Hotel and NOLA Convention Center**

**Planned Meetings: October 5, 2023 1:00 – 2:00 pm.**

**November 2, 2023 1:00 – 2:00 pm.**

**November 28, 2023 1:00 – 2:00 pm. Final Decisions on Abstracts – Assign Champions**

**January 18, 2024 1:00 – 2:00 pm. Champion Updates**

**February 6, 2024 1:00 – 4:00 pm. Review of Presentations (possibly Face-to-Face)**

**March 5, 2024 1:00 – 4:00 pm. Final Reviews**

**Deliverables:** List of potential operations papers from inside your organizations.

**(Main Committee Schedule)**

Meeting dates for the 2023-2024 cycle were discussed and agreed upon by the Committee as follows:

- June 15, 2023
- August 10, 2023
- October 12, 2023
- December 7, 2023
- February 1, 2024