

Committee Name: Chemical Environment Energy Material (CEEM) Committee

Chairs and Vice Chairs: Co-Chairs - Ningling Wang & Dallas Wilkinson

Vice Chair - Ia Modin

Liaison to the Board: Ichiro Nakatomi

Committee Highlights for Year 2021-2022 on page 2 and Plan for Year 2022-2023 on page 3

- We established and grew Industrial Advisory Board with a total of nine members from multinational companies and various national societies, including France, Australia & New Zealand, South Africa, Thailand, Spain, Singapore, South Korea, and Japan; and the members represent industry sectors including the mining, chemicals, materials, energy etc. (see attached chart on page 4).
- We established core coordinators' group with a total of five members from various national societies, including Austria, China, Scandinavia, Singapore, and Thailand, which also serves as the pool for future leaders of the CEEM committee.
- We discussed the following key topics:
 - Royalties survey in collaboration with LES US/Canada;
 - Webinars "Chat with CEEM Champions";
 - Collaboration with WILA on webinars;
 - Standard briefing notes on best practice, hot topics, and recent trends in the CEEM fields;
 - o Increasing the membership of the CEEM committee;
 - o Attracting more members to join the Industrial Advisory Board.
- Collaboration with LES US/Canada on royalties survey
 - We were involved in the planning, promotion, and execution of the royalties survey;
 - Our Industrial Advisory Board members provided revisions and comments regarding the questions for the survey;
 - We confirmed two silver sponsorships for the survey: one is from SCG Chemicals (one of the Industrial Advisory Board members' company) and another is from Finnegan (the firm Ningling works with).
- We had three teleconference calls with the Industrial Advisory Board members in August and November 2021, and February 2022, respectively. Our next teleconference call with the Industrial Advisory Board members will be at the end of May 2022. We also had two teleconference calls with the coordinators in August and November 2021, respectively. Our next teleconference call with the coordinators will also be at the end of May 2022.
- We confirmed and organized State of Industry Briefing on Energy and Green Technology for LESI Annual Meeting to be held in Venice, Italy, on May 9-10, 2022. We also worked with Ms. Madelein Kleyn for the concurrent workshop on energy transformation for the LESI Annual Meeting.
- We worked with the LESI Board and LES Portuguese/Spain, establishing a plan for a global energy forum and the infrastructure thereof.
- We published an article "Protection, Enforcement, and Licensing of Trade Secrets in view of the COVID-19 Pandemic" with les Nouvelles.

- For the Year of 2022-2023, we plan to:
 - continue working with LES US/Canada to complete the royalties survey;
 encourage more international companies to participate in the survey;
 - hold webinars to promote our Industrial Advisory Board members "Chat with CEEM Champions";
 - hold webinars for educational and networking purposes;
 - o hold seminars for LESI Regional Conferences and Annual Meeting;
 - publish standard briefing notes on best practice, hot topics, and recent trends in the CEEM field;
 - seek opportunities working with other LESI committees, such as High-Tech, Life Science, IUGT, and YMC;
 - o support the work of SDG-IP Index committee;
 - promote and assist in establishing Industrial Advisory Board for other professional committees;
 - make progress on the global energy forum with the support of LESI Board and LES Portuguese/Spain;
 - support LES conferences across the globe with presentations on CEEM as needed;
 - Increase the membership of the CEEM committee and the size of the Industrial Advisory Board;
 - o Increase awareness of the CEEM committee across all LES nationals.

Industrial Advisory Board Members

Name	Title	Organization	National Society
Ningling Wang Dallas Wilkinson	Co-Chairs of CEEM Committee	Finnegan Dennemeyer (previously Orica)	China Australia/New Zealand
Suracha Udomsak	R&D Director and Emerging Business Director	SCG Chemicals	Thailand
Charlotta Ljungdahl	Global IP Director	ABB	France
Clive Erasmus	Lead IP Legal Advisor	Sasol	South Africa
Rebecca McCrackan	Principal IP Counsel	Rio Tinto	Australia/New Zealand
Cherie Van Wensveen	IP Commercialization Manager	CSIRO (Previously with BHP)	Australia/New Zealand
Beatriz Crisostomo	Head of Innovation Management	Iberdrola	Spain
Olivia Koentjoro	Director of IP Analytics Center of Excellence	Applied Materials	Singapore
Han Sun Lee	Director of IP & VP	LG Energy Solution, Ltd.	South Korea
Tomoko Miyashita	IP Licensing and Litigation Manager	Showa Denko KK	Japan