



SUPPLIERS PARTNERSHIP
FOR THE ENVIRONMENT

Suppliers Partnership for the Environment (SP)
Q4 Membership Meeting

October 27, 2022
Lexington, Kentucky

DRAFT MEETING MINUTES

The meeting commenced at 9:00am EDT on October 27, 2022. SP's antitrust guidelines were reviewed, and it was recommended that everyone indicate in their notes of the meeting that the guidelines were reviewed and that they would be complied with.

Kevin Butt, Toyota Motor and SP Chair, welcomed attendees to Kentucky and introduced the context for the day's discussion. Kevin welcomed the 18 new member companies that have joined SP since the 3rd Quarter membership meeting in July and invited new guests to consider becoming members. He also introduced Dawn New-Echlin of Cirba Solutions as SP's new Membership Chair and Rae Howard of General Motors as SP's new Finance Chair on the Board of Directors.

SP's Technology & Innovation Committee Co-Chairs Bob Crawford, GWT Insight, and Vickie Lewis, VMX International, introduced the SP Awards Program recognizing environmental sustainability leadership in the automotive supply chain and the nominees for 2022. The following award winners were announced and recognized:

- The 2022 SP Community Impact Award went to Lavergne for its Ocean-bound Plastic Recycling Initiative in Haiti. Michael Montpetit accepted the award on behalf of Lavergne.
- The 2022 SP Creativity in Implementing Sustainable Practices Award went to Solvay for its Sustainable Manufacturing of a Bio-Based Polymer program. Brian Baleno, Antonella DiMeo and Lee Carvell accepted the award on behalf of Solvay.
- The 2022 SP Demonstrating Environmental Innovation in the Manufacturing Process Award went to Henkel for its Next Generation Metal Pretreatment Process. Nick Card accepted the award on behalf of Henkel.
- The 2022 SP Shining Star Award went to Bridget Grewal of Magna International for her vision and leadership in promoting industry collaboration to minimize automotive packaging waste.

Blaine Collison, Renewable Thermal Collaborative (RTC), was introduced as a guest speaker to share information on RTC's work to decarbonize thermal energy in the manufacturing process. Blaine spoke to the challenges in decarbonizing thermal energy and the work that RTC is pursuing related to technology, policy and market development to address those challenges. He shared information from a recent report RTC has commissioned to evaluate feasibility of specific technologies and opportunities within key sectors and invited attendees to attend a November 10 webinar where the full report would be launched.

Scott Nadler, Nadler Strategy, provided a report on the outcomes of the SP ESG Leadership Strategies Project. Scott summarized key themes emerging from two virtual ESG leadership workshops SP hosted in the 3rd quarter which formed the basis for an in-person workshop held the day prior. He reviewed three potential collaborative opportunities coming out of that workshop related to creating ESG champions, strengthening internal communications, and reducing external reporting burdens, and noted that these opportunities would be shared with SP's Board for consideration in 2023 project planning.

Eric Harrington, American Axle & Manufacturing (AAM), introduced AAM and its sustainability vision. He then shared information on the recent approval of AAM's science-based target and the near- and long-term commitments AAM has made to carbon reduction. Eric shared the progress AAM has made in developing its sustainability program and building a culture of sustainability across the organization, and highlighted key programs, projects and processes AAM is working on to continually improve the sustainability performance of its facilities as well as its supply chain.

David Colclough, Yanfeng Automotive Interiors (YFAI), introduced YFAI's work in the automotive industry and his own background in corporate purchasing. David shared examples of potential challenges related to traditional expendable corrugated packaging and shared YFAI's experience with implementing a durable, returnable corrugated design developed by P2 Packaging. He reviewed case examples from use of the P2 packaging design in various automotive programs and shared information on sustainability and economic benefits YFAI has documented based on improved shipping density and ability to reuse the packaging multiple times as compared to a traditional single use material.

Ryan Chappell, Sphera, introduced Sphera and its ESG software, data and consulting experience. Michael Faltenbacher, Sphera, then shared information on market and regulatory demands for life cycle assessment (LCA) data and the increasing focus on supply chain emissions. He then reviewed common methodologies for conducting LCAs, some of the present challenges related to conducting LCAs, and future developments and improvements that might be expected in the LCA space. Michael provided an overview of Sphera's standard process for conducting an LCA and shared high-level examples of current approaches for LCA calculations relative to vehicles and components, as well as packaging materials.

Jeff Haltrecht, Call2Recycle, presented a series of infographics developed through a project with the Canadian Vehicle Manufacturers Association (CVMA) regarding EV battery management at end of vehicle life. Jeff discussed the pathways in which EV batteries move and are processed in North America, along with the commercially operating sites available to remanufacture, repurpose and recycle EV batteries today. He discussed the logistics of EV battery shipping containers, the distinction between 1st and 2nd life of a battery, and emerging technologies and methods for battery diagnostics. Jeff noted that a report would soon be published by CVMA and Call2Recycle containing the information presented today.

John Bradburn, Sustainable Material Solutions, shared information on the Great Lakes Leadership Academy which is a leadership development program for emerging leaders who are committed to strengthening their skills and empowering their communities. John shared how the program relates to SP's work related to environmental sustainability and community engagement and shared a video of a community garden development project in Flint, Michigan including SP member representatives. John encouraged attendees to consider applying to the program or to share the information with emerging leaders on their team. Application information can be found at: <https://www.canr.msu.edu/glla/>

Kellen Mahoney, SP, reviewed the current SP work group activities and provided an update on progress of the work groups over the past year and their plans. Kellen shared information on recent deliverables and activities related to Carbon Neutrality, EV Battery Recycling, Product Chemical Compliance, Pollinator Projects and Nature Based Solutions, Sustainable Materials, Sustainable Packaging, Technology & Innovation, and Water Stewardship. He encouraged attendees to utilize these resources to support follow up action within their companies / supply chains and to consider working together with others on these topics through SP. More information on recent SP resources can be found at: <https://www.supplierspartnership.org/featured-resources/>

There was a discussion of plans for the 1st Quarter Membership meeting of 2023 and consideration of a location outside of Michigan. Attendees were asked if they would be able to attend if the meeting were to be held in Plano, Texas and a majority of attendees indicated that they would attend if the meeting were held in Texas. The following tentative schedule of quarterly meeting dates for 2023 was shared and it was noted that a final confirmed calendar of quarterly events would be provided to members by e-mail.

- January 25-26, 2023: Plano, Texas
- April 25-26, 2023: Indianapolis, Indiana
- July 26-27, 2023: Columbus, Ohio
- September 20-21, 2023: Warren, Michigan

Kevin Butt thanked the participants for their continued leadership and support in improving environmental sustainability performance within the industry and encouraged attendees to reach out to learn more about opportunities to engage in SP.

The meeting adjourned at 1:45pm.

Registered Attendees

Wes	Alexander	Membrane Specialists LLC
Rick	Ammons	Pratt Industries
Eric	Anderson	Toyota Motor North America
Brandon	Armijo	Kentucky Smelting Technology Inc
Brian	Baleno	Solvay
Brian	Beetz	Labelmaster
Randy	Blaylock	Action Wood 360
Jon	Blosser	Toyota Tsusho America, Inc.
Chris	Borchert	Foresight Management
Anne Marie	Bosher	Worldwide Foam
John	Bradburn	Sustainable Material Solutions
Angie	Bragg	The Royal Group
Danielle	Brandewie	Superior Environmental Solutions
Jason	Broshear	Yamaha Motor Corp of America
Anna	Brown	Doug Brown Packaging Products, Inc.
Shawn	Bryant	DENSO International America
Jamie	Brynof	FTS Technologies
Kevin	Butt	Toyota Motor North America
Nick	Card	Henkel
Jessica	Carpenter	Cortec Corporation
Gail	Carr	Eurofins Environment
Lee	Carvell	Solvay Specialty Polymers
Ryan	Chappell	Sphera
David	Colclough	Yanfeng Automotive Interiors
Blaine	Collison	Renewable Thermal Collaborative
Dana	Cooper	USBCSD
Phil	Cozad	Honda Development & Manufacturing of America, LLC
Bob	Crawford	GWTinsight
Colton	Daily	Cardinal Group Inc.
Jeremy	Deweese	Kentucky Smelting Technology
Antonella	Di Meo	Solvay
Kristal	DiCarlo	AGC Automotive Americas
Annabel	Dixon	General Motors
Brian	Dynda	Doug Brown Packaging Products, Inc.
Susan	Blackson	Pure Cycle Technology
Ryan	Eberhart	Honda Development & Manufacturing of America, LLC
Bryan	English	ArPlank Direct
Laura	Evans	Cirba Solutions
Kai	Fahrbach	Toyota Tsusho Canada Inc.
Michael	Faltenbacher	Sphera
David	Fauvre	Blue Whale Materials LLC
Christian	Goetz	geff LP

Bridget	Grewal	Magna International
Don	Hale	Vantage Plastics
Jeff	Haltrecht	Call2Recycle
Eric	Harrington	American Axle & Manufacturing
Chris	Harrod	ArPlank Direct
Paul	Hayes	Unison Energy
Steve	Hellem	Suppliers Partnership for the Environment
Chris	Helms	Primex
Becky	Hensley	CSX Transportation
Mark	Hitchcock	Toyota Motor North America
Rae	Howard	General Motors
Karl	Hummel	L&L Products Inc.
John	Jager	Toyota Tsusho America, Inc.
Jeevan	Jayenthiran	Glencore
Ken	Jewell	Cirba Solutions
Ryan	Kennebeck	Univar Solutions
Jonathan	Krause	Toyota Tsusho America, Inc.
Jill	Kupcak	Robert Bosch
Diane	Lade	Superior Environmental Solutions
Jean-Christophe	Lambert	Lithion Recycling
David	Lanzola	Eurofins Environment
Khanh	Le	Michelin North America Inc
Vickie	Lewis	VMX International LLC
Cameron	Lippert	ElectraMet
Justin	Lyons	Cardinal Group Inc.
Cindy	Madrick	Cornerstone Environmental Health & Safety, Inc.
Kellen	Mahoney	Suppliers Partnership for the Environment
Oscar	Mak	Toyota Tsusho America, Inc.
Chris	Marshall	Cornerstone Environmental Health & Safety, Inc.
Matt	Marshall	Toyota Motor North America
Aaron	Mason	M2030
Gina	McGee	RecycleMax
Stacey	McKee	Worldwide Foam
Derrill	Meyer	Sphera
Ludwig	Minassian	Lithion Recycling
Michael	Montpetit	Groupe Lavergne
Jason	Muccioli	Li-Cycle
Corey	Mummey	Cardinal Group Inc.
Scott	Nadler	Nadler Strategy LLC
Dawn	New-Echlin	Cirba Solutions
Yukio	Nezu	Toyota Tsusho America, Inc.
Dale	Nickerson	Cardinal Group Inc.
Yves	Noel	Lithion Recycling
Thomas	Novak	Schnitzer Steel Industries

Tim	Owens	Hitachi Astemo Electric Motor Systems America, Inc.
Jatinkumar	Patel	Toyota Tsusho America, Inc.
Jason	Pfeifle	Henkel
Geordan	Pflug	Honda Development & Manufacturing of America, LLC
Ross	Polk	ABTC
Greg	Pool	Verogy Solar
Thaddeus	Puccini	Labelmaster
Mahjabeen	Qadir	Honda Development & Manufacturing of America, LLC
Chris	Robinson	Hitachi Astemo Electric Motor Systems America, Inc.
Jim	Rumford	Rumford Industrial Group, Inc.
Bob	Salerno	Rumford Industrial Group, Inc.
Aaron	Sanger	Cardinal Group Inc.
Tom	Schaefer	Ecobat
Mary	Schilling	Glencore
David	Schroeder	Covanta
Thi	Sithivong	Toyota Tsusho America, Inc.
Brandon	Skidmore	Cardinal Group Inc.
Julie	Smoak	Toyota Tsusho America, Inc.
Steve	Sopher	JSP
Sam	Tabor	Unison Energy
Mindy	Tasich-Koyani	Clean Earth Inc
Abby	Terry	Tetra Tech
Michael	Thurza	Eurofins TestAmerica
Mike	Troupos	Foresight Management
Gary	Vegh	ERA Environmental Management Solutions
Jennifer	Warfield	Tetra Tech
Sallianne	Williams	US Steel
Kurt	Wirgau	Heritage Interactive Services
Mack	Wyckoff	Verogy Solar
Mark	Yamauchi	Toyota Motor North America
Kenji	Yodose	Toyota Tsusho America, Inc.
Rudy	Youell	P2Packaging
Keith	Zendler	RecycleMax
Bill	Zieroilf	Hitachi