



**Suppliers Partnership for the Environment (SP)
4th Quarter Membership Meeting
October 24, 2018**

DRAFT MEETING MINUTES

SP's Chair, Randy Leslie, Johnson Controls, called the meeting to order at 8:30am EDT. Mr. Leslie reviewed SP's antitrust guidelines and recommended that everyone indicate in their notes of the meeting that the guidelines were reviewed and that they would be complied with. On a motion duly made and seconded, the minutes from SP's 3rd Quarter Meeting of 2018 were approved. Mr. Leslie then provided an update on SP activities and outcomes in 2018, as well as the quarterly meeting schedule, budget and slate of officers for 2019.

Mr. Leslie announced that Susan Kelsey would soon be retiring from General Motors after over 39 years. On behalf of SP, Mr. Leslie recognized and thanked Ms. Kelsey for her commitment to SP and leadership in chairing the SP Biodiversity work group through its formation this year. Mr. Leslie wished Ms. Kelsey all the best in her retirement, and announced that Kevin Butt, Toyota, would be serving as the SP biodiversity work group co-chair alongside Sam Qureshi, WM, going forward.

Kevin Butt, Toyota, reviewed the vision and mission of SP's Biodiversity work group and provided a report on the outcomes of the group this year. He noted that 14 members had committed to implement a pollinator project so far and shared a map of projects that have been implemented in Canada, Mexico and the US. He invited other SP members to get involved in the work group and noted that the group would be scheduling a meeting to brainstorm and prioritize opportunities for 2019.

Mr. Butt then introduced Margaret O'Gorman, Wildlife Habitat Council, and announced that SP and WHC were signing a memorandum of understanding to expand their collaborative relationship. Ms. O'Gorman discussed the ways in which WHC would support the SP Biodiversity work group as a technical resource and noted that each SP member conservation program would be offered up to 4 hours of technical support at no cost through the MOU.

Jack Nunes, Lear and SP EHS Forum Co-Chair, provided an overview of the purpose of the EHS Forum and the issues that had been addressed in 2018. He noted that the group had held a meeting on supplier sustainability expectations the day prior and would be reaching out to SP members to follow up on that discussion and prioritize issues for the next Forum meeting on January 29, 2019.

Allissa Yakali, Honda and SP IMDS Data Quality Questionnaire Chair, provided an update on the IMDS Data Quality questionnaire project. She discussed the global stakeholder engagement process that the work group is leading and outlined the planned path forward for the project.

SP Materials Efficiency co-chairs James Oberlee, GM and Mark Yamauchi, Toyota, provided an update on the SP Materials Efficiency work group and a project seeking to enable beneficial reuse of F019 waste water treatment sludges. They discussed the process the work group has gone through in identifying the opportunity to divert this material from landfill and engaging in collaborative dialogue with US EPA on a potential path forward. They noted that SP would be reaching out to member companies to continue to seek their ideas and input on higher uses for the F019 material.

Kellen Mahoney, SP, introduced Carole Mars with The Sustainability Consortium to provide an overview of the activities of the Responsible Battery Coalition (RBC). Ms. Mars shared information on RBC's mission and various activities that RBC has undertaken in support of that mission. Kellen then provided an update on SP's Responsible Battery Work Group and a collaborative SP / RBC project related to end-of life management of lithium-ion batteries. He noted that the next phase of this collaborative project will focus on a global landscape assessment and invited SP member companies to reach out to learn more about the work group.

Frank McInturff, EnSafe, shared information on leveraging drones for EHS. He shared examples of current EHS use cases for drones and discussed how EnSafe has worked with its clients in various sectors on drone projects. He also discussed emerging trends that companies should be aware of related to drone technologies.

Richard Gerstein, Unifi, provided an introduction to Unifi and its role in supporting a circular economy. Mr. Gerstein discussed trends related to consumer interest and engagement in sustainability and its impacts on brand perception as well as employee engagement. He then discussed how Unifi is partnering with major brands to produce products containing its recycled-PET Repreve fibers, and challenged SP members to consider the potential impact their company could make through such efforts.

Jeffrey Spangenberg, Argonne National Laboratory, provided an overview of Argonne research programs across the battery value chain with a focus on lithium-ion battery recycling programs. Mr. Spangenberg shared information on the current state of battery recycling, as well as drivers and challenges in recycling lithium-ion batteries. He then reviewed several DOE funded initiatives that are working to address these challenges and support recycling domestically.

David Baker, Pro Football Hall of Fame, discussed his vision to create a sports and entertainment smart-city in Canton. Mr. Baker discussed the principles that he seeks to communicate through the work of the Pro Football Hall of Fame, and discussed how such principles can be applied in leadership and team development in a corporate setting.

Randy Leslie then facilitated a panel discussion with Carol Smith, IRG, Rex Carpenter, IRG and Kevin Mowan, Johnson Controls. The panel discussed the vision for the JCI Pro Football Hall of Fame Village and how green building, energy efficiency and smart/connected technologies have and will be implemented throughout the site. They shared strategies for working together to design and implement complex, long-term projects involving many stakeholders, as well as examples of working with other SP member companies to implement sustainability measures in their building projects. Following the panel discussion, meeting participants had an opportunity to tour the Hall of Fame Village to see the items discussed first-hand.

ACTION ITEMS / NEXT STEPS

- SP will post today's meeting presentations on the SP member website and distribute the meeting's minutes.
- SP will share additional information on plans for the Q1 2019 meeting on January 29-30 hosted by Honda in Marysville, OH.
- SP member representatives should contact Kellen Mahoney if they would like to be added to the roster for any of the work group activities discussed.

The meeting was adjourned at 1:00pm EDT.

Respectfully submitted,

Kellen Mahoney
Program Director

Participants

Greg	Reichard	Aevitas
Jeffrey	Spangenberg	Argonne National Lab
Reece	Hammer	Avangard Innovative
David	Hudson	Avangard Innovative
Mark	Doetsch	BAE Industries
Zachary	Dowling	BASF
Shane	Thompson	Battery Solutions

Parker	Cole	Bosch Rexroth
Jennifer	Minney	Covanta Environmental Solutions
David	Schroeder	Covanta Environmental Solutions
Troy	Greiss	East Penn Manufacturing Company
David	O'Ryan	Ecoclean Group
Frank	McInturff	ENSAFE
Edward	Baker	EnSafe Inc.
Gary	Vegh	ERA Environmental Management Solutions
Chad	Dickinson	ES Group
Nathan	Dickinson	ES Group
Al	Johnston	FCA
Rebecca	Payne	FCA
Loren	Kelsey	General Motors
Susan	Kelsey	General Motors
Amanda	Kurzman	General Motors
James	Oberlee	General Motors
Vidal	Denha	Global Energy Engineering
Jake	Doetsch	Guest
Bashar	Kirma	Henkel
Negar	Gilsinger	Honda North America
Kristan	Longsdorf	Honda North America
Lisa	Majchrzak	Honda North America
Alissa	Yakali	Honda North America
Nick	Justice	Hytch, LLC
Rex	Carpenter	IRG
Carol	Smith	IRG
James	Butler	Johnson Controls
Paul	Hayes	Johnson Controls
Randy	Leslie	Johnson Controls
Bobby	Louissaint	Johnson Controls
Kevin	Mowan	Johnson Controls
John	Richardson	Johnson Controls
Warren	Sturm	Johnson Controls
Sherrie	Williams	Johnson Controls
Karl	Hummel	L&L Products Inc.
Kristin	Oswick	Lanxess
Jack	Nunes	Lear Corp
David	Little	Mantaline Corporation
Cathryn	Wolf	Mantaline Corporation
Al	Salerno	Metricsoft Inc.
Shane	Bennett	Mobile Fluid Recovery
Tracy	Hale	Nexeo Solutions
Stacey	Turner	Nexeo Solutions

John	Bradburn	Pathway21
David	Baker	Pro Football Hall of Fame
John	Howes	Redland Energy Group
Doug	Robinson	Robert Bosch
Steve	Hellem	SP
Kellen	Mahoney	SP
Gail	Carr	TestAmerica Laboratories
Dave	Lanzola	TestAmerica Laboratories
Carolynne	Roach	TestAmerica Laboratories
Rusty	Vicinie	TestAmerica Laboratories
Maya	Smolcic	Tetra Tech
Jessica	Fraser	The Goodyear Tire & Rubber Company
Tara	Jacola	The Goodyear Tire & Rubber Company
Carole	Mars	The Sustainability Consortium
Alan	Oberster	Timken
Kevin	Butt	Toyota Motor North America
Mark	Yamauchi	Toyota Motor North America
Jim	Cicccone	Unifi, Inc
Helen	Sahi	Unifi, Inc
Richard	Gerstein	Unifi, Inc.
Kali	Weiler	Venture6 Studio
Jeff	Harris	Waste Management
Sam	Qureshi	Waste Management
Maragaret	O'Gorman	Wildlife Habitat Council