



**Suppliers Partnership for the Environment (SP)
4th Quarter Membership Meeting
October 17, 2017**

DRAFT MEETING MINUTES

SP's Chair, Randy Leslie, Johnson Controls, called the meeting to order at 8:40am EDT and thanked Natalie Pryde, Tetra Tech and CU-ICAR for their support in hosting the meeting. 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 July 17, 2017 SP membership meeting minutes were approved.

Mr. Leslie then provided an update on SP's Strategic Direction and plans for 2018. He reviewed SP's Vision and Mission and 3rd Quarter action items, and shared information on planned SP activities related to Biodiversity, Chemical Issues, Manufacture 2030 and Responsible Battery Management. He invited SP members to actively participate in the activities discussed, and noted that the information discussed would be shared with all members by e-mail. Following Mr. Leslie's update, additional updates and suggestions were offered by members including:

- SP members GM and Johnson Controls hosted a river cleanup on the Living Lands & Waters barge in Cincinnati in September with many SP member companies participating in the event and helping to find new uses for the materials collected from the Ohio River. Johnson Controls is investigating a potential reuse opportunity for plastic bottle caps collected from the river.
- SP member ERA Environmental hosted a conference in September, and SP was discussed by several speakers at the conference including ERA, GM and Tom Murray (retired, US EPA).
- There is an opportunity to increase dialogue and collaboration between SP and the AVA project in Mexico, and a webinar will be scheduled in November to share information on activities in Mexico.
- SP may wish to also consider developing a new Work Group effort on Energy / Renewable Energy, as well as issues related to 'de-manufacturing' in the future.

Rob Krulac, CU-ICAR, welcomed attendees to the CU-ICAR campus and provided an overview of its vision, mission and approach. Mr. Krulac shared examples of CU-ICAR's industry partnership model, and the outcomes developed through collaboration between students, faculty and industry leaders. During the meeting, participants were also offered a guided tour of the CU-ICAR campus.

Natalie Pryde, Tetra Tech, introduced Tetra Tech and its 2020 Sustainability goals. Ms. Pryde shared examples of several initiatives in support of Tetra Tech's goals, including STEM, biodiversity, social responsibility, and small business partnership programs. She then shared information on an IMDS / CAMDS Workshop planned for April 17, 2018 as well as a new pilot program related to Live LCA.

David Donaldson, CEC, shared information on North American initiatives in support of ISO 50001 and a pilot program conducted by CEC in 2016-2017 to train companies on the components of ISO 50001. He then introduced a new supply chain energy management program that will be launched by CEC in 2018. He noted CEC is seeking groups of 10-20 companies within an industry supply chain to commit to participate in the 12-month program, and encouraged SP members to consider participation within their company or supply chain.

Hanford Topham and Matt Gewirtz, Venture 6 Studio, shared their experience with visual CSR storytelling and premiered a video featuring SP members GM, GDC and Mobile Fluid Recovery sharing their experiences with the Gulf Oil Spill project. They then shared information on the "Our Safer World" CSR platform and series Venture 6 has developed, and previewed a video regarding CSR efforts in Uganda.

Sue Rokosz, Ford, shared highlights from Ford's 2016-2017 Sustainability Report, including Ford's commitments related to water security, integrating sustainability, and taking action in support of the UN SDGs. She noted the full report may be found at <http://www.sustainability.ford.com/>

SP's Materials Efficiency Co-Chairs James Oberlee, GM and Mark Yamauchi, Toyota shared their objectives for the Work Group while also noting the history of Materials Efficiency Work Group efforts which were previously Chaired by John Bradburn, GM. They introduced a new project related to leather maintenance gloves, and noted that GM is currently piloting a chrome free leather glove in 5 of its facilities. John Bradburn, GM, shared a specification that he has written for chrome free leather gloves, and noted that GM is working with glove suppliers on chrome free tanning alternatives as well as SP member TestAmerica on the testing process. It was noted that broader industry support from both OEMs and suppliers will be important to drive change, and that the group will be seeking member feedback and engagement on the project. Members were also invited to offer input and ideas on other project opportunities that the Work Group may wish to consider.

Tim Ellis, RSR Technologies, shared information on the model that has been developed to support circular management of lead acid batteries and indicated that this can provide a model for other battery chemistries to follow. He discussed current challenges related to competitively recycling other battery chemistries, and lessons learned from lead acid recycling. Mr. Ellis also noted the importance of planning for de-manufacturing of a product with the same level of emphasis placed on manufacturing, and suggested this could be an opportunity for automotive industry leadership.

SP EHS Forum Co-Chair Jack Nunes, Lear, provided an update on SP's new EHS Forum which held its first meeting on October 16. He noted that the Forum provides additional opportunities to talk with other SP members and discuss topics of interest to the group in much more detail, and that the first meeting focused on data management, culture, and reward/recognition programs. Mr. Nunes shared that the next Forum meeting would be held on the afternoon of January 30, 2018 and that the focus of the meeting would be Culture, along with a discussion of Emerging Technologies. He invited members to participate in the Forum, and noted input would be requested to prioritize topics for discussion.

Mark Cleveland, Hytch, introduced Hytch and its mission to reduce congestion and emissions by incentivizing ridesharing. He provided a preview of the Hytch platform and explained how the platform works for both commuters and corporate sponsors, who are using the platform to promote ridesharing among employees or within their community. Mr. Cleveland noted that the new Hytch app is expected to be available for download from the Apple App Store in the next few weeks, and would be followed by an Android version.

Mr. Leslie thanked Tetra Tech again for hosting the meeting. He noted that SP's 1st Quarter Meeting would be held on January 30-31, 2018 at GM Spring Hill Manufacturing in Spring Hill, TN and encouraged members to attend. He noted that a full schedule for 2018 Quarterly Meetings would be sent to all members by e-mail, along with information on planned Work Group activities.

The SP Membership Meeting adjourned at 2:00pm EDT.

ACTION ITEMS / NEXT STEPS

- SP will post today's meeting presentations on the SP website and distribute the meeting's minutes, along with information on 2018 Quarterly Meetings and Work Group activities.
- SP will request member representatives to confirm their interest in participating in each of the Work Group activities discussed today.
- SP will schedule a webinar in November to share more information on SP's AVA project and activities in Mexico.
- SP will work with GM and Toyota to identify opportunities for other SP members to engage and support the leather glove project discussed today.
- SP will work with FCA and Lear to plan the next meeting of the SP EHS Forum in conjunction with the 1st Quarter Membership meeting, and distribute details to the membership.

Respectfully submitted,

Kellen Mahoney
Program Manager

Attendees

Bob	Crawford	Aevitas Specialty Services
Shane	Thompson	Battery Solutions
Brian	Rogers	Bosch Rexroth Corporation
David	Donaldson	CEC
Elizabeth	Carraway	Clemson University
Jay	Devkota	Clemson University
David	Schroeder	Covanta
Fred	Cartwright	CU-ICAR
Rob	Krulac	CU-ICAR
Mike	McHorse	Daimler
Kim	Graham	DEKRA Certification, Inc.
Jim	Laney	DENSO International America
Connie	Sasala	Edison Energy
Chris	Bloom	FCA
Sue	Rokosz	Ford Motor Company
Ria	Cole	Freudenberg
Jim	Reeder	Gage Products
Mark	Wiseman	Gage Products
Jared	Cherni	General Electric
Miguel	Torrejon	General Electric
Jon	Davies	General Electric
John	Bradburn	General Motors
James	Oberlee	General Motors
Chuck	Kizina	GHD
Steven	Buhrman	Hytch, LLC
Mark	Cleveland	Hytch, LLC
Joel	Tenney	ICL-IP
Randy	Leslie	Johnson Controls, Inc.
Mike	Arizo	Lavergne Group
Jack	Nunes	Lear
Shane	Bennett	Mobile Fluid Recovery
John	Howes	Redland Energy Group
Doug	Robinson	Robert Bosch
Timothy	Ellis	RSR Technologies
Steve	Hellem	SP
Kellen	Mahoney	SP
Adithya	Legala	Student, CU-ICAR
Karteek	Pallerla	Student, CU-ICAR
Nishant	Thakral	Student, CU-ICAR
David	Fuller	TestAmerica Laboratories
Dave	Lanzola	TestAmerica Laboratories
Natalie	Pryde	Tetra Tech
Louise	Slate	Tetra Tech

Mark	Mangione	Toyota
Mark	Yamauchi	Toyota Motor North America
Mark	Steadman	US Ecology
Matt	Gewirtz	Venture6 Studio
Hanford	Topham IV	Venture6 Studio
Michelle	McIntyre	Veolia
Keith	Rensink	VLS Recovery Services, LLC
Sam	Qureshi	Waste Management
Brian	Thurston	Waste Management
David	Duddy	WM Sustainability Services