

New SP Work Group Proposal

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Transportation & Logistics Decarbonization Work Group

Work Group Mission: To provide a forum to facilitate dialogue across the automotive value chain to identify and develop common approaches, tools, and resources to measure, report and accelerate decarbonization efforts associated with transportation and logistics.

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Proposed Objectives:

1. Identify or develop common definitions, tools, and/or guidance to seek to improve consistency within the industry in collecting and reporting carbon emissions associated with road and rail transportation and logistics.
2. Promote development, evaluation and/or sharing of industry best practices, tools, and innovations to support companies in optimizing the carbon footprint of road and rail transportation and logistics activities.

Background: Impacts and opportunities relating to transportation and logistics have been regularly raised as a topic of interest across various existing SP workstreams in recent months. In response to this growing interest, SP organized a special roundtable meeting in March 2024 for interested members to discuss opportunities and challenges related to transportation / logistics and to assess if there were shared interests SP may want to explore further through a dedicated work group effort. Based on member feedback shared through the roundtable and a follow up survey, a clear need and opportunity surfaced for a new SP work group activity focused on transportation and logistics decarbonization.

As companies in the automotive industry work toward decarbonization targets and deepen their engagement on Scope 3 emissions, there is an opportunity to seek to promote more consistency in the definitions, tools and methods used in calculating and reporting transportation emissions to minimize duplication of effort. While third-party standards and platforms like SmartWay are in place, currently there appear to be meaningful differences in approaches used to collect and measure transportation emissions data within the industry. Improved consistency and common approaches could help to promote access to more real-time, high-quality primary emissions data and improve efficiency within supply chain. There may also be opportunities to provide more clarity on how / why emissions data is used within the industry to better align various tools and calculation methods with the relevant use cases.

Further, as the portfolio and lifecycle of automotive products continues to evolve in light of industry decarbonization, electrification and circularity goals, there is value in providing a forum to communicate across value chain to better understand and seek to optimize potential impacts of such industry trends on transportation and logistics. As such efforts progress, we anticipate there will be opportunities to promote collaboration in sharing best practices and assessing emerging technologies and innovations to reduce carbon impacts of transportation and logistics.

The scope will be focused on road and rail logistics relevant to automotive supply chain, with potential to expand to address a broader range of air and sea logistics topics overtime as needed.

Examples of Roundtable Attendees: Aisin, Call2Recycle, Cox, CSX, Cummins, Denso, East Penn, Ford, GM, Honda, Magna, Pasha Group, Penske, Stellantis, Toyota, Toyota Tsusho