

LAST UPDATED:

Q3 2025

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SP ENVIRONMENTAL SUSTAINABILITY RESOURCE LIBRARY

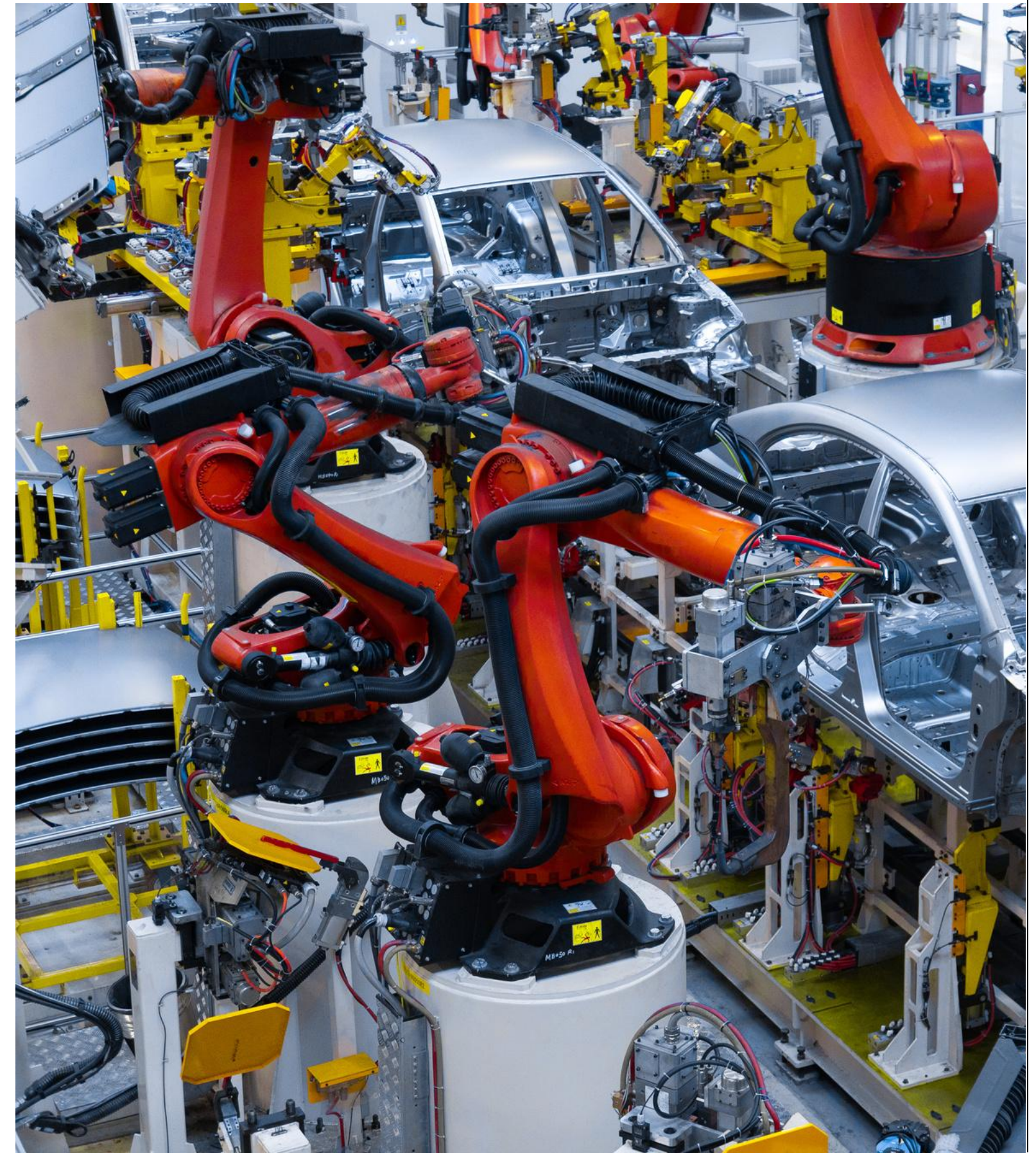


INTRODUCTION

SP facilitates communication and collaboration across the automotive value chain related to short-term environmental sustainability priorities, while promoting further efficiency and action in support of long-term industry goals.

SP provides a platform to facilitate industry dialogue and action on common definitions, tools, and voluntary resources for measuring and advancing progress on automotive environmental sustainability ambitions.

Several such recent resources are highlighted in the following slides.

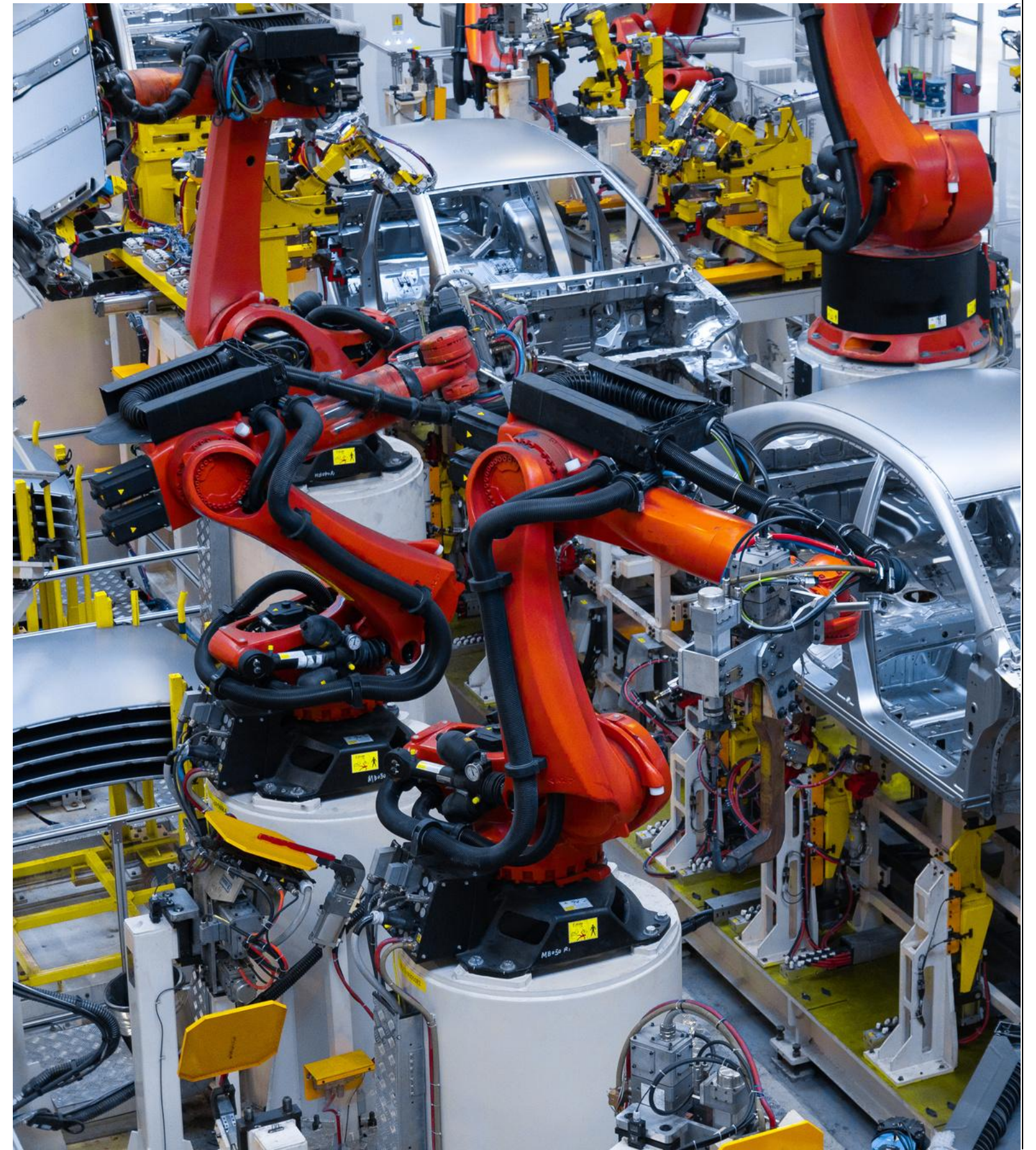




INTRODUCTION

This document includes a selection of SP resources relevant to the following topics:

- [Carbon Neutrality](#)
- [Nature / Biodiversity](#)
- [Product Chemical Compliance Process Management](#)
- [Responsible Battery Management](#)
- [Sustainable Materials](#)
- [Sustainable Packaging](#)
- [Water Stewardship](#)
- [Sustainability Strategies](#)





CARBON REDUCTION KPIs, TERMS & DEFINITIONS

UPDATED: DECEMBER 2022



The purpose of this document is to provide general industry-supported guidance to help companies in the automotive value chain in establishing a framework for CO₂ reporting and reduction aligned with common industry expectations.

[DOWNLOAD](#)





AUTOMOTIVE CLIMATE ACTION QUESTIONNAIRE

UPDATED: MARCH 2025



A standardized supplier carbon questionnaire template which seeks to improve consistency and reduce reporting burdens by improving consistency around common questions and definitions.

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STREAMLINED CARBON EMISSIONS QUESTIONNAIRE

UPDATED: MAY 2025



This streamlined questionnaire template is intended to support smaller and/or earlier stage suppliers that are not currently reporting carbon data to efficiently and effectively respond to industry reporting requests.

[DOWNLOAD](#)



Streamlined Automotive Carbon Reporting Questionnaire



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CARBON NEUTRALITY GLOSSARY

UPDATED: APRIL 2022



A glossary of common terms and definitions relevant to carbon neutrality goals within the industry.

[DOWNLOAD](#)





TRANSFORM: AUTO

LAUNCHED 2024



This program is designed to help companies explore renewable energy options and give them the tools to pursue a renewable energy pathway on their own or through an organized cohort of their peers. Access to the program is available to SP members and Sponsors' suppliers at no cost.

[**REGISTER FOR THE PROGRAM**](#)

TRANSFORM: AUTO

POWERED BY TRIO

Seeking to power the auto supply chain with renewable electricity

Sponsored by:



HONDA



TOYOTA

Register for the program:



transform-auto.com



CARBON REDUCTION & REPORTING MATURITY ROADMAP

UPDATED: NOVEMBER 2023



This document is intended as an informational tool to help companies in the automotive supply chain to self-assess their current programs against leading practices to identify potential opportunities for continuous improvement.

[**DOWNLOAD**](#)





ENERGY OPTIMIZATION PLAYBOOK

UPDATED: JUNE 2025



The Energy Optimization Playbook provides a practical, step-by-step guide for manufacturers seeking to align energy performance improvements with broader operational and sustainability objectives.

[**DOWNLOAD**](#)

Energy Optimization Playbook

A step-by-step guide for industrial manufacturers to build the business case for energy optimization



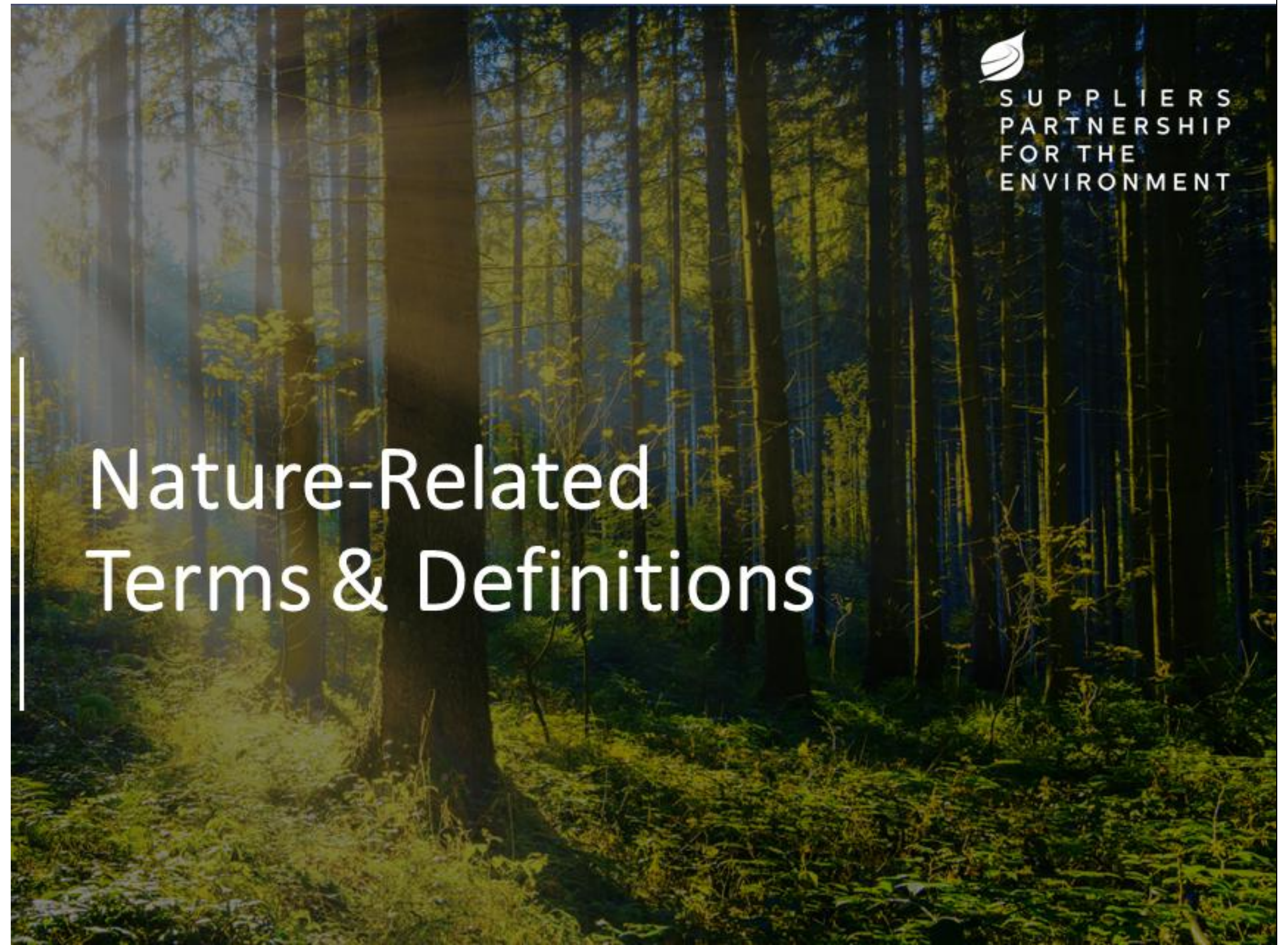
NATURE-RELATED TERMS & DEFINITIONS

UPDATED: MAY 2024



The purpose of this document is to provide general industry-supported guidance to raise awareness of key nature-related terms and enhance consistency in communications on this topic across the automotive value chain.

[DOWNLOAD](#)





NATURE-BASED SOLUTIONS TO PREVENT POLLUTION AND SUPPORT BIODIVERSITY

UPDATED: AUGUST 2023



Developed in partnership with the Wildlife Habitat Council, this white paper explores how the automotive industry can implement nature-based solutions to prevent pollution.

[**DOWNLOAD**](#)

Nature-Based Solutions to Prevent Pollution and Support Biodiversity - Opportunities for the Automotive Industry

NEW WHC WHITE PAPER



USING THE POWER OF NATURE TO PREVENT POLLUTION

UPDATED: SEPTEMBER 2023



The benchmarking research conducted for this report was supported by a two year grant from the U.S. EPA to identify, develop and advance nature based solutions (NbS) as effective tools to reduce air and water pollution at source and improve community resilience and sustainability.

[DOWNLOAD](#)

Using the Power of Nature to Prevent Pollution

Opportunities for nature-based solutions in the automotive industry



Supported by
an Assistance
Agreement from:





POLLINATOR TOOLKIT

UPDATED: 2020



A practical guide to improving and protecting biodiversity through the creation of locally appropriate pollinator habitat. This toolkit is intended for use by SP members, their employees, and community partners.

[**DOWNLOAD**](#)



Pollinator Toolkit

A practical guide to improving and protecting biodiversity through the creation of locally appropriate pollinator habitat



GLOBAL PRODUCT CHEMICAL COMPLIANCE PROCESS MANAGEMENT GUIDANCE

UPDATED: JUNE 2022



Provides consistent quality improvement guidelines for the reporting of vehicle assembly, component, material, and substance content vertically within the automotive supply base.

[**DOWNLOAD**](#)





GLOBAL PRODUCT CHEMICAL COMPLIANCE PROCESS MANAGEMENT SELF- ASSESSMENT QUESTIONNAIRE

UPDATED: DECEMBER 2023



The purpose of this document is to support companies in conducting a self-assessment to determine how closely existing management practices and procedures correspond to quality improvement guidelines.

[DOWNLOAD](#)

Global Product Chemical Compliance Process Management Self-Assessment Questionnaire



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EV BATTERY SAFE HANDLING AND STORAGE

UPDATED: JULY 2023



This guidance document succinctly summarizes some of the available resources, options and considerations related to handling of EV batteries after their removal from a vehicle, including topics related to battery identification, safety prevention, thermal runaway, and the roles of authorities.

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GUIDANCE DOCUMENT: EV BATTERY SAFE HANDLING & STORAGE

JULY 2023





REGULATIONS GOVERNING SHIPMENT OF EV BATTERIES IN THE U.S.

UPDATED: MAY 2022



An educational resource highlighting some of the noteworthy regulations and current requirements that stakeholders handling an EV battery at the end of its useful life will need to understand.

[DOWNLOAD](#)





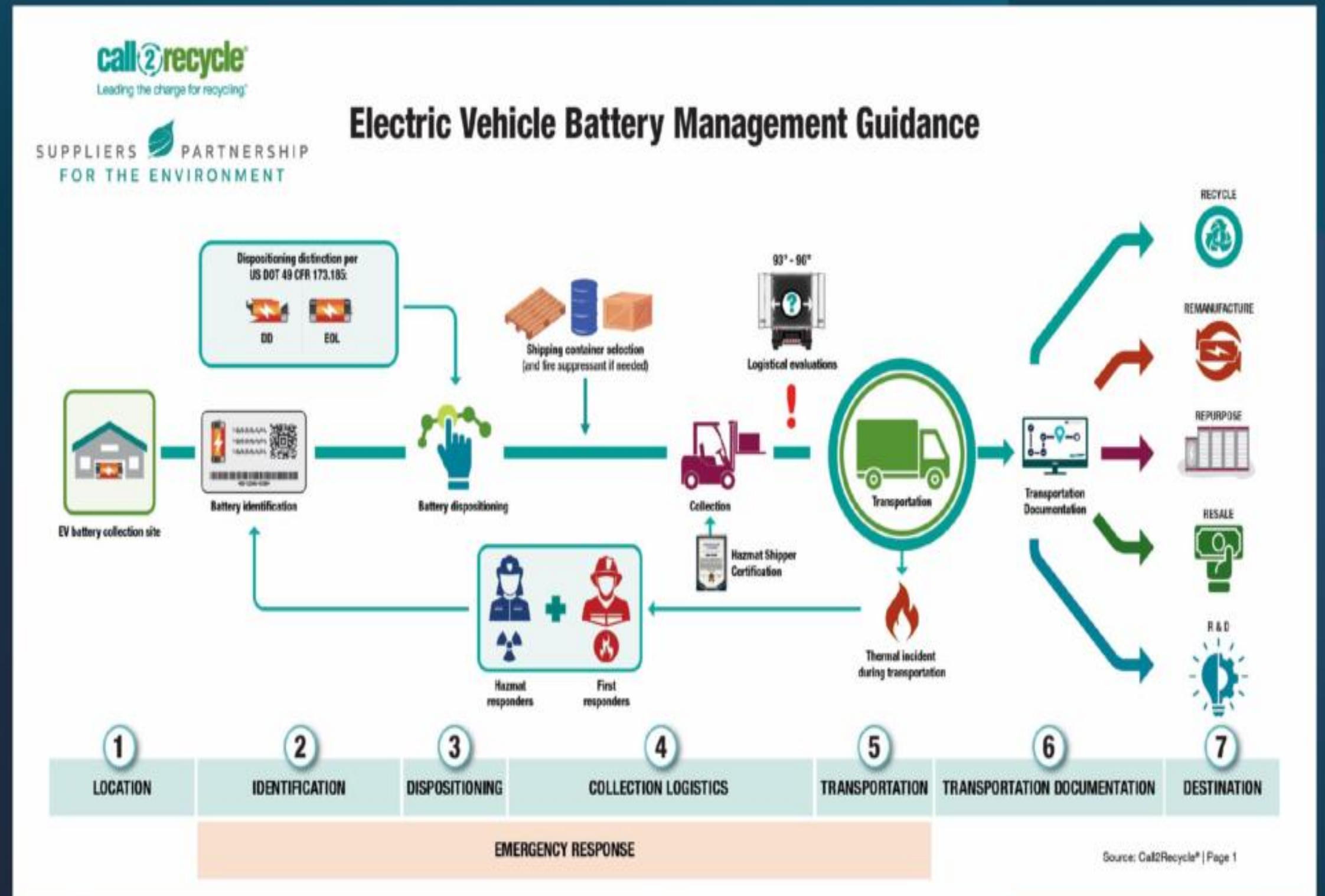
EV BATTERY MANAGEMENT INFOGRAPHICS

UPDATED: JANUARY 2025



SP and Call2Recycle are pleased to introduce three Electric Vehicle (EV) Battery Management infographics to visually inform battery holders of good practices to consider in preparing EV batteries for transportation.

[DOWNLOAD](#)





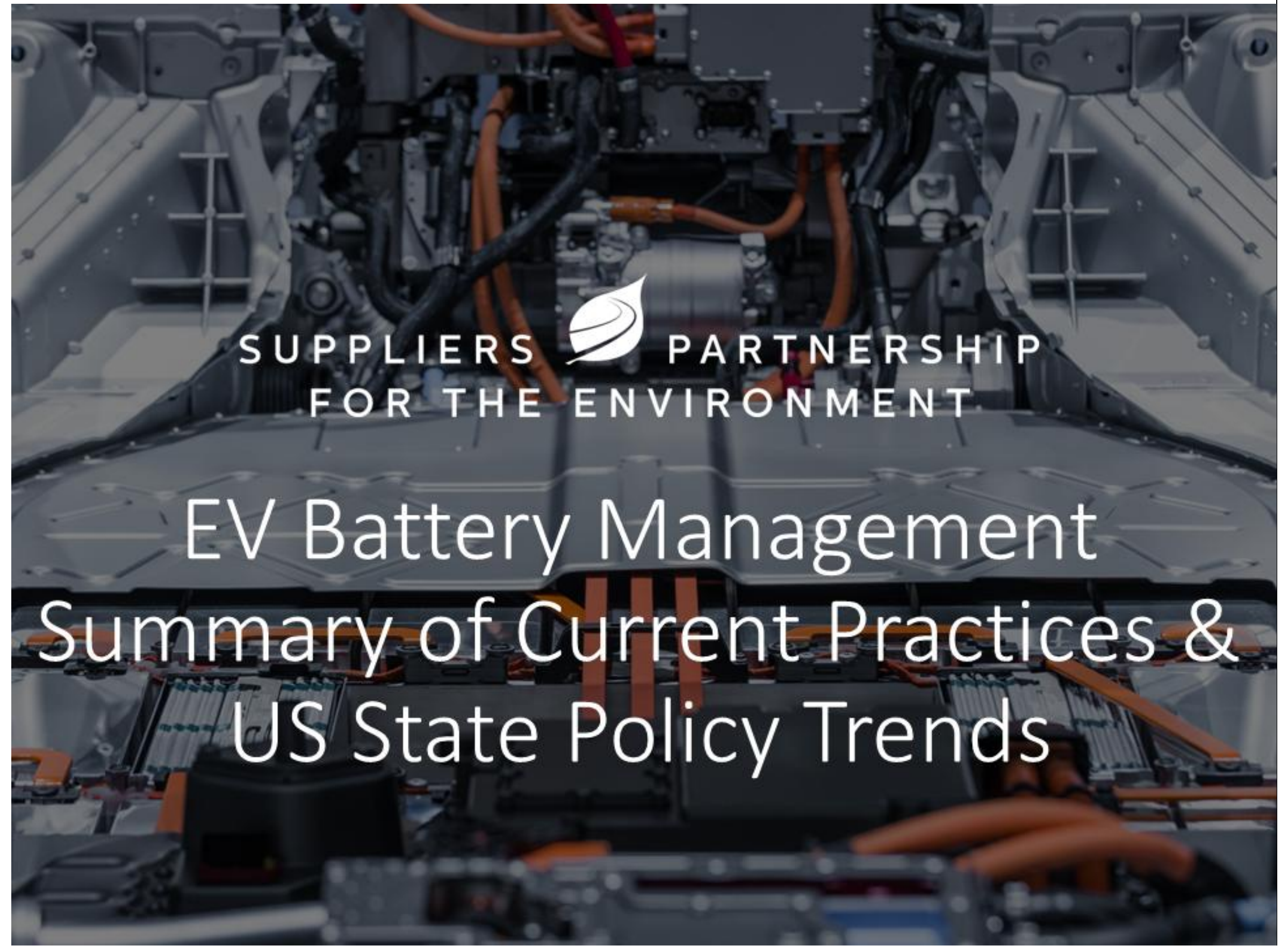
EV BATTERY MANAGEMENT POLICY TRENDS

UPDATED: MARCH 2025



SP engaged Call2Recycle for a project to research, report, and recommend different program options and OEM readiness practices for regulated/non-regulated EV battery take-back programs.

[DOWNLOAD](#)





MEASURING RECYCLED CONTENT OF AUTOMOTIVE PRODUCTS

UPDATED: SEPTEMBER 2021



The purpose of this document is to provide a common industry-supported definition and straightforward approach for measuring recycled content of automotive products consistent with those approaches outlined in other standards.

[**DOWNLOAD**](#)





MEASURING RENEWABLE CONTENT OF AUTOMOTIVE PRODUCTS

UPDATED: JANUARY 2022



The purpose of this document is to provide a common industry-supported definition and straightforward approach for measuring renewable content of automotive products consistent with those approaches outlined in other standards.

[**DOWNLOAD**](#)





EVALUATING THE CARBON INTENSITY OF MATERIALS USED IN AUTOMOTIVE PRODUCTS

UPDATED: MAY 2022



The purpose of the guidance document is to introduce the concept of carbon intensity and outline a straightforward and consistent approach for evaluating carbon intensity information for materials used in automotive products.

[**DOWNLOAD**](#)





CORE WASTE METRICS FOR AUTOMOTIVE OPERATIONS

UPDATED: OCTOBER 2024



The purpose of this guidance document is to outline common automotive industry-supported definitions and approaches for measuring and reporting on waste generated within the boundary of the owned activities of the reporting organization.

[DOWNLOAD](#)





SUSTAINABLE PACKAGING SPECIFICATION RECOMMENDATIONS FOR AUTOMOTIVE MANUFACTURING OPERATIONS

UPDATED: FEBRUARY 2024



A succinct set of practical recommendations to help automotive original equipment manufacturers (OEMs) and suppliers source sustainable packaging designs for use in automotive manufacturing operations.

[DOWNLOAD](#)





SUSTAINABLE PACKAGING SPECIFICATION RECOMMENDATIONS FOR AUTOMOTIVE EXPENDABLE PACKAGING

UPDATED: OCTOBER 2023



A succinct set of practical recommendations to help automakers and suppliers identify opportunities to design and source sustainable packaging designs for use in expendable packaging applications.

[**DOWNLOAD**](#)





AUTOMOTIVE NA 48 X 45 WOOD STRINGER PALLET SPECIFICATION RECOMMENDATIONS

UPDATED: DECEMBER 2023



This guidance document includes voluntary industry-developed recommendations intended to help automotive OEMs and their suppliers within the North American region to source uniform 48 x 45 wood stringer pallets, where appropriate, to enable increased re-use and improve efficiency across the supply chain.

[DOWNLOAD](#)





MOVING AUTOMOTIVE SUPPLY CHAIN PLASTIC PACKAGING TOWARD A SUSTAINABLE CIRCULAR ECONOMY

UPDATED: OCTOBER 2024



This guide describes many actions that can be taken through a complex system within plants, across plants, and along the material recovery value chain to divert plastic waste and access recycling markets that reflect the highest, best use of those materials.

[DOWNLOAD](#)





AUTOMOTIVE PACKAGING MATERIALS COLLECTION & HANDLING PRACTICES

UPDATED: JULY 2025



This guidance document aims to identify practical, implementable practices based on SP member experiences and recommends voluntary guidelines for sorting, storing, transporting, and recovering packaging materials.

[DOWNLOAD](#)



Automotive Packaging Materials Collection & Handling Practices

SP Guidance Document, v1.0
July 2025





AUTOMOTIVE PACKAGING EPR POLICY TRENDS

UPDATED: JUNE 2025



Executive summary to support further education within the automotive supply chain on extended producer responsibility policy trends in the United States relevant to packaging products.

[DOWNLOAD](#)





WATER STEWARDSHIP STRATEGY FRAMEWORK

UPDATED: SEPTEMBER 2023



The guidance document introduces a strategic framework and industry-driven water stewardship ambition that individual companies in the automotive value chain may align with and act on.

[**DOWNLOAD**](#)





WATER STEWARDSHIP ACTION MATRIX

UPDATED: SEPTEMBER 2022



Outlines recommended actions so that suitable data, information and risk assessment processes are in place if and when companies choose to directly mitigate water-related risks and report those actions and outcomes to key external stakeholder.

[**DOWNLOAD**](#)





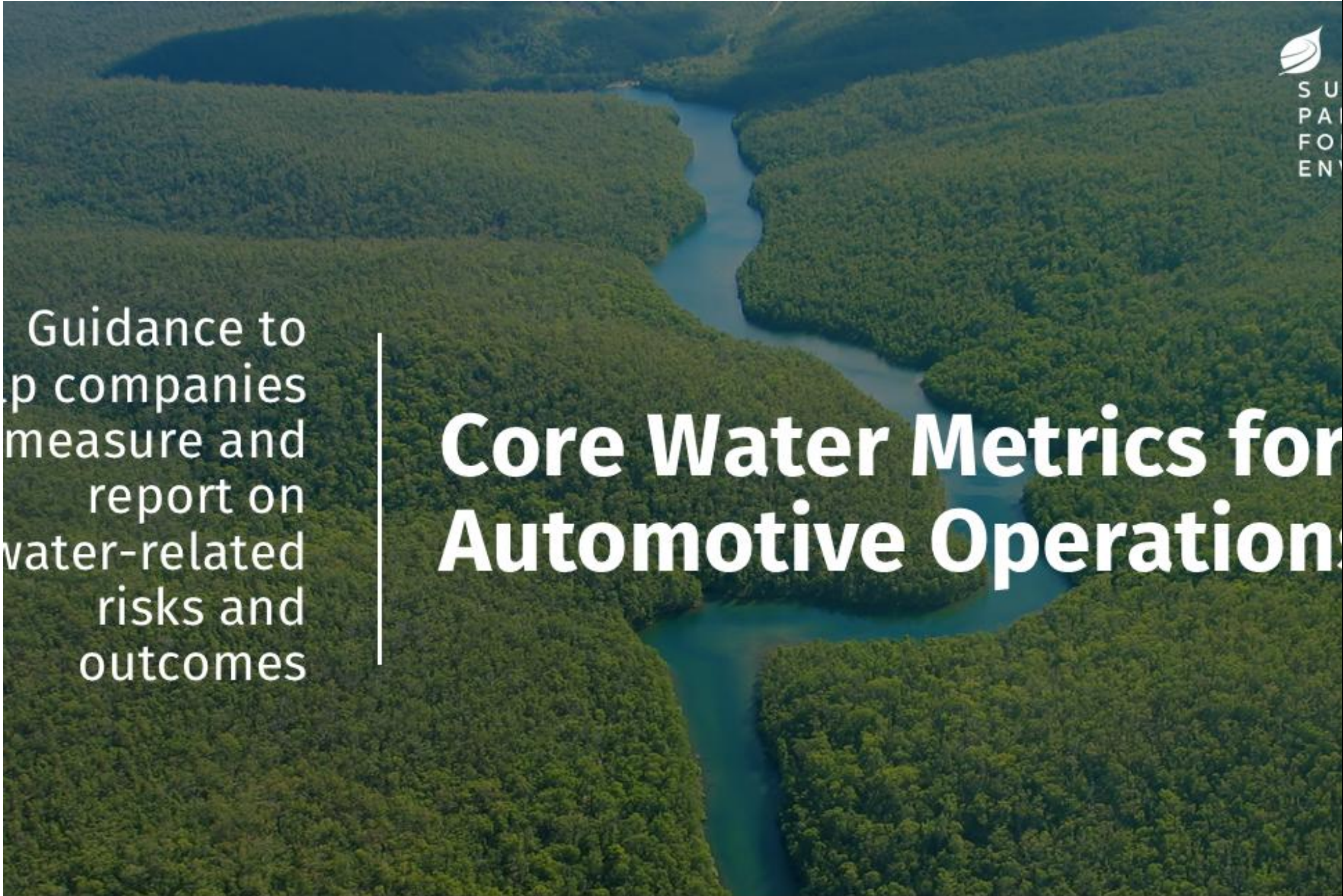
CORE WATER METRICS FOR AUTOMOTIVE OPERATIONS

UPDATED: JULY 2025



Guidance aims to streamline water reporting by outlining a common set of recommended metrics and definitions, aligned with established industry frameworks and reporting standards.

[**DOWNLOAD**](#)



Guidance to
help companies
measure and
report on
water-related
risks and
outcomes

Core Water Metrics for Automotive Operations

[**supplierspartnership.org/water-metrics-guidance**](https://supplierspartnership.org/water-metrics-guidance)



WATER STEWARDSHIP GLOSSARY

UPDATED: 2022



A glossary of common terms and definitions relevant to water stewardship practices within the industry.

[DOWNLOAD](#)





NEW BUILDING SUSTAINABILITY GUIDANCE

UPDATED: JUNE 2025



This resource provides practical guidance to support sustainability in the design, construction, and operation of new manufacturing facilities across the automotive supply chain.

[DOWNLOAD](#)





SUPPLIER SUSTAINABILITY RESOURCES

UPDATED: JUNE 2025



A centralized hub of resources designed to support suppliers with additional information on environmental sustainability reporting drivers, responding to customer reporting requests, and identifying practical opportunities for improvement.

[**DOWNLOAD**](#)





MATERIALITY ASSESSMENT GUIDEBOOK

UPDATED: JUNE 2022

Over the course of the semester, a team of undergraduate students for the University of Michigan collaborated with General Motors to compile research for the development of a Materiality Assessment Guidebook. This guidebook was provided to SP to support facilitation of a supplier workshop on conducting a materiality assessment.

[**DOWNLOAD**](#)



Net Impact x General Motors Materiality Assessment Guidebook

Grace Sheaffer & Juliette Beals

JUNE 2022

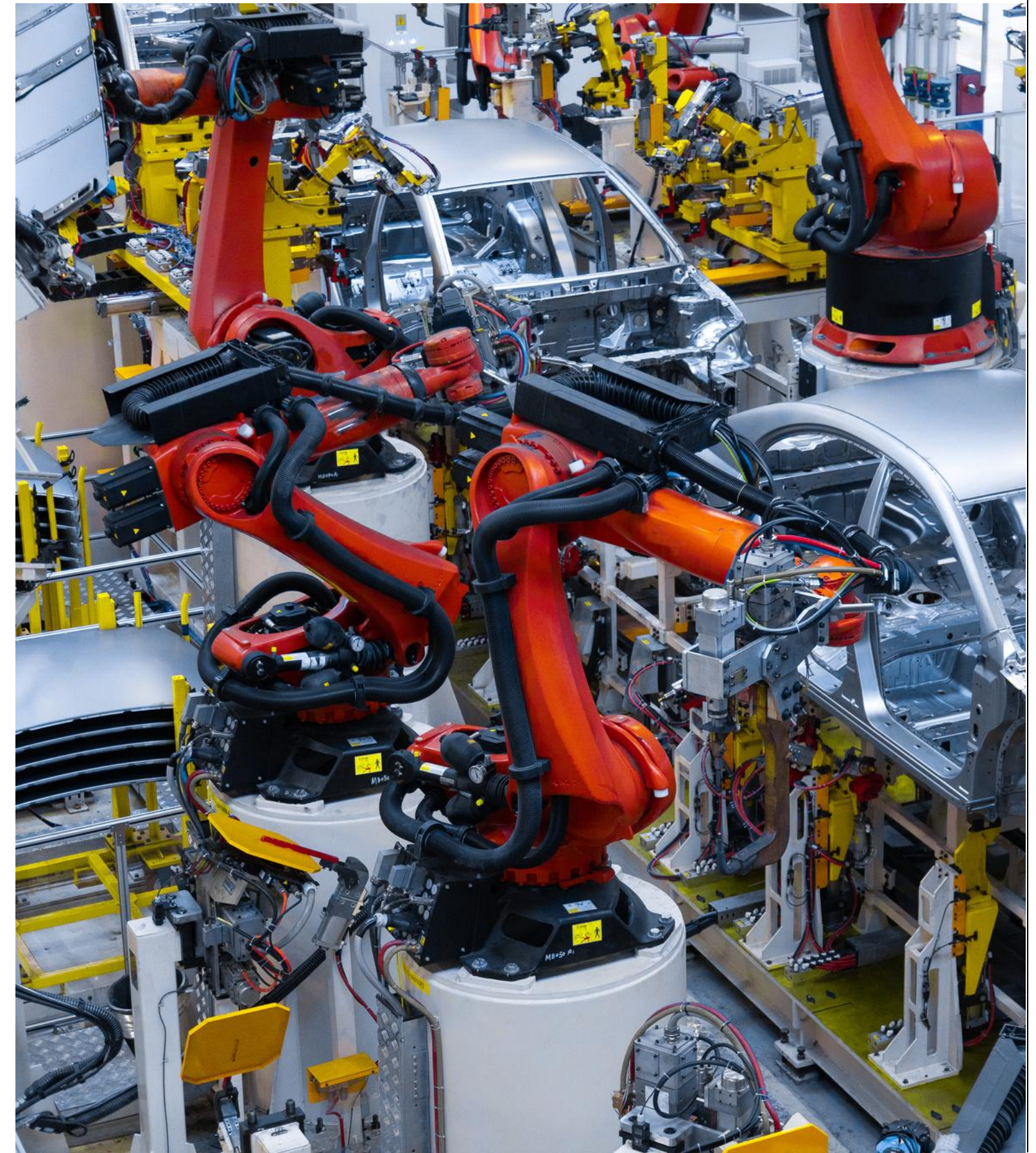


CLOSING

As environmental expectations and priorities continue to evolve, SP aims to provide a platform to facilitate industry dialogue and action on additional common definitions, tools, and voluntary resources for measuring and advancing progress on automotive environmental sustainability ambitions.

New resources and collaborative initiatives are launched regularly - please check SP's website for the latest information.

Please submit any feedback on SP resources or suggestions for future improvements to info@supplierspartnership.org





SUPPLIERS PARTNERSHIP
FOR THE ENVIRONMENT

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Disclaimer

The documents referenced set forth various findings based on information available to working group members at the time of issuance. These findings are not intended to set forth any industry rule, requirement or standard. Each Member should independently determine its own processes and practices, including, without limitation, levels, measurements, vendors, materials, equipment, energy sources, energy use, emissions, and recyclability. It is the responsibility of each individual company to be aware of national and local regulations that may require reporting of sustainability information using specific methods and formats.

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