

Navigating ESG
Throughout the Value
Chain

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Presenters



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About Plante Moran



99

years serving clients (Founded in 1924)



Mobility Intelligence Center

Research on critical automotive technologies to suppliers



2,500+

manufacturing & distribution clients



25

years on Fortune magazine's Best Workplace list



39,000

professionals worldwide

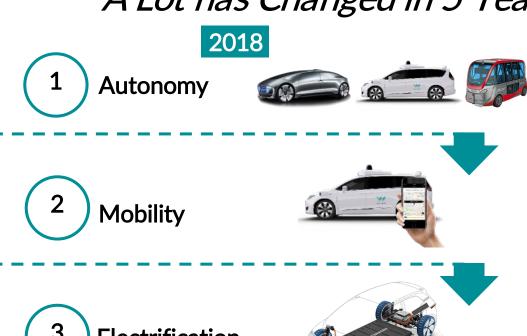
3,500+ in U.S.

COMPREHENSIVE SERVICES

- Strategic planning; market/product analysis & planning
- Supplier: Customer relationship analytics
- Environmental, social, & governance (ESG) consulting
- · Supply chain & operations consulting
- Product costing, quoting, & pricing consulting
- Audit & accounting
- Tax compliance & consulting (credits & structuring)
- ERP selection, implementation, & "rescue"
- Business analytics
- Cybersecurity
- · Due diligence
- Investment banking (PM Corporate Finance)
- Real estate: Site selection, leases, & credits



Future Mobility A Lot has Changed in 5 Years



Electrification



Manufacturing the vehicle







Connectivity



Mobility

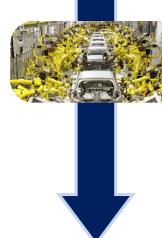












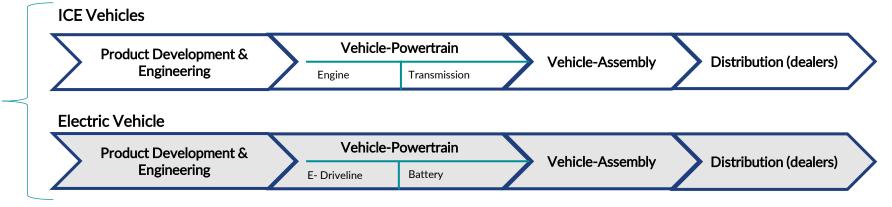


Automotive Manufacturing Value Chain

Transition Across Automotive Industry

To make the transition to electric vehicles the automotive industry has to change both product and production approaches and do so in a "smart" and sustainable way

1. Product Transition



2. Production Transition

- Product Development & Engineering focused on EV technologies—reduced development for ICE vehicles
- Retrofit of current facilities (engine, transmission, assembly, dealerships)
- Greenfield construction of new required facilities (traction motor, e-axle, assembly)
- Transition of equipment and production techniques to take advantage of technology enablers and combined with the opportunity to reduce carbon emissions
- Creation of new supply chains
- Nearshoring / Geographic Shift
- Impact of IRA on USMCA investment decisions/business cases

3. Industry Sustainability

Increased focus on carbon reduction for both product and production



ESG Disclosure Topics







Governance

- Emissions
- Air quality
- Energy management
- Water & wastewater management
- Waste & hazardous materials management
- Ecological impacts

- Employee health & safety
- Diversity, equity, & inclusion
- Customer privacy
- Data security
- Product quality & safety
- Access & affordability
- Labor practices
- Community relations
- Human rights

- Supplier relations & supply chain
- Product Design & Lifecycle Management
- Materials Sourcing
- Ethics & integrity
- Legal/regulatory compliance
- Risk management
- Business resilience
- Competitive behavior
- Public policy





Carbon Emissions

For OEMs to be able to disclose their own scope 3 emissions, they need suppliers to provide scope 1 & 2 emissions data

Scope 1

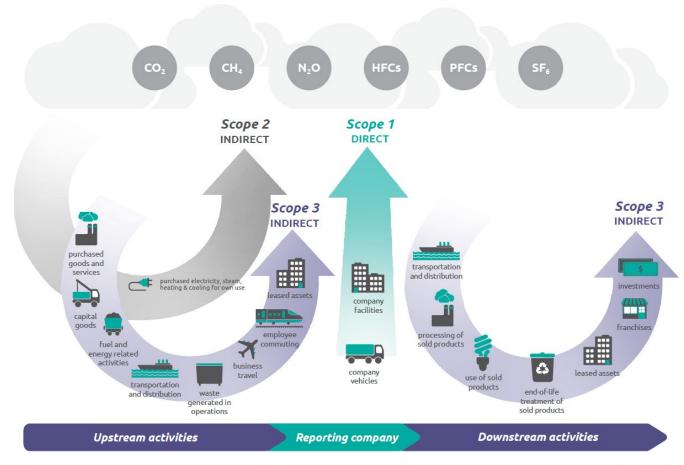
- Direct GHG emissions occur from sources that are owned or controlled by the company
- Include emissions covered by the Kyoto Protocol

Scope 2

- Indirect GHG emissions from the generation of purchased electricity consumed by the company
- Physically occur at the facility where electricity is generated

Scope 3

- Consequence of the activities of the company
- Occur from sources owned or controlled by other entities in the value chain
- Include all sources not within an organization's scope 1 and 2 boundary



Source: GHG protocol Corporate Value Chain (Scope 3) Standard



Science Based Targets (SBTi)





A partnership between CDP, the United Nations Global Compact, World Resources Institute (WRI) and the World Wide Fund for Nature (WWF)



Defines and promotes best practice in science-based target setting



Offers a range of target-setting resources and guidance



Independently assesses and approves companies' targets in line with its strict criteria

Source: Data from the <u>Science Based Targets initiative</u>



Targets

Near-term

• Outline how organizations will reduce their emissions over the next 5-10 years. Are a requirement for companies wishing to set net-zero targets.

Long-term

• Indicate the degree of emission reductions organizations need to reach to achieve net-zero according to the SBTi's Corporate Net-Zero Standard criteria.

Net-zero

Encompass both near and long-term targets.



OEM emission targets

		Ford	<u>GM</u>	H	JAGUAR IAND- -ROVER		NISSAN	STELLANTIS	2	T	(4)		S.V.
Near term target	2030	2035	2035	N/A	2030	2030	2030	N/A	N/A	✓	2030/ 2035	2025/ 2030	2030
Net zero commitment	✓	✓	✓	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	✓
Business ambition for 1.5°C commitment	✓	✓	✓	N/A	✓	N/A	✓	N/A	N/A	✓	N/A	N/A	✓
Scope 1+2 target	80% (I)	76% (A)	72% (A)	N/A	46% (A)	50% (A)	30% (A)	N/A	N/A	N/A	68% (A)	50% (A)	60% (A)
Scope 3 target- purchased goods & services (category 1)	22% (I)	N/A	N/A	N/A	54% (I)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scope 3 target- Use of sold products (category 11)	50% (I)	50% (I)	51% (I)	N/A	60% (I)	42% (I)	33% (I)	N/A	N/A	N/A	33%/12% ³ (I)	30% (I)	52% (I)

N/A - no commitments made

1 - Stellantis has made commitments to achieve carbon net zero by 2038, but not through SBTI

2 – Subaru has set a target of achieving carbon neutrality by 2050, but not through SBTI

3 - Light duty vehicles and light commercial vehicles/medium and heavy freight trucks

Target Type: (A) - Absolute

(I) - Intensity



ESG Hot Topics with Automotive Suppliers

Environmental

- What do the OEMs want? Is this going away?
- Do I know what goes into my overall greenhouse gas (GHG) emissions/carbon footprint? How do I measure/manage/report it?
- Am I able to identify opportunities to increase energy efficiency?
- How do I build a sustainable program to report and lower the reporting burden?

Social

- Is anyone in my supply chain using forced or child labor?
- Is anyone in my supply chain unethically sourcing materials?

Governance

- Do we have strategies to manage enterprise risk?
- Are we building resiliency into our business model?
- Who is in charge of disclosures and program development? Is the Board involved?



ESG Hot Topics with Suppliers

ESG is not limited to environmental topics – increasing focus on social and governance

JULY 25.2023

Wyden Requests Information from Lear Co. Regarding Reports of Amazon Deforestation and Potential Links to Forced Labor in Supply Chains

Request advances committee's inquiry into possible forced labor in auto supply chains

Washington, D.C. – Senate Finance Committee Chair Ron Wyden, D-Ore., requested in a new letter that Lear Co., the nation's largest car seat manufacturer, explain how it oversees leather supply chains in Brazil to prevent the illegal importation of goods made with forced labor or deforestation. Environmental groups and journalists have documented widespread forced labor and human rights abuses at ranches sited on illegally cleared Amazon rainforest.

"These ranches evade supply chain monitoring by moving cattle repeatedly over their lifetimes from illegal to legal ranches in a process known as 'cattle laundering,'" Wyden wrote. "In addition to encouraging deforestation, illegal ranching in the Amazon drives violent land-grabs and human rights abuses, subject to weak oversight by Brazilian law enforcement, which often fails to enforce environmental and human rights laws."

The letter comes as part of Wyden's ongoing inquiry into forced labor in auto supply chains. Wyden has written to major automakers and their tier 1 suppliers regarding evidence of parts made with forced labor in Xinjiang, China, as part of his investigation into the effectiveness of customs enforcement regarding forced labor. In June, he held a Finance Committee hearing investigating how cattle supply chains contribute to Amazon deforestation.

subject to weak oversight by Brazilian law enforcement, which often fails to enforce Does Lear condi environmental and hu production, begi I ask that you cow is held, thro 2023. If you Such abuses include of the supply cha more than 1,300 labo diligence frame this number is likely involve tracking murder.7 In 2022, the whether Lear mo cattle as one of the pr United States Senate Does Lear condu For the past two year that were illegal cattle ranching and d WASHINGTON, DC 20510-6200 laws, or from ra business practices of a. If so, ple chain through indired property chains, JBS's indirect it validat July 24, 2023 occupation and defor In its 202 investigation and pus its supply chains bun Mr. Ray Scott and whe undercut American r President & CEO supplier Lear Corporation c. Specifica I have also been inve 21557 Telegraph Road Xinjiang, China, who Southfield, MI 48033 an "ongoing genocide 3) Does Lear requir and their direct suppl Dear Mr. Scott: detect forced lab forced labor and com of suppliers' due I write concerning recent reporting about potential links between Lear Corporation's (Lear) Section 307 of the Ta leather supply chains and illegally deforested land in the Brazilian Amazon.1 These links may 4) Has Lear ever te part, from importation also expose Lear's Brazilian supply chains to products produced with forced labor. The relationship wi (CBP) uses to preven information I am requesting from Lear will aid the Senate Finance Committee's investigation of slaughterhouses prohibition on goods the effectiveness of trade-based efforts by the United States to combat forced labor and of its use of mat amendment to the Tra environmental abuses in the supply chains of products sold in the United States. incident, the act CBP's authority to p and whether the the following informa A report from the Environmental Investigation Agency (EIA) found that Lear, the largest Finance Committee supplier worldwide of leather car seats, sources 70% of its leather supply from Brazil.2 There, 5) Has Lear ever te Lear predominantly does business with JBS S.A., Vancouros Comercio de Couros LTDA, and relationship with Viposa S.A., hide producers known to source cattle from areas of the Amazon that have been slaughterhouses illegally used for cattle production and which receive weak oversight from the Brazilian of its failure to o 5 Id.: Deforestation in the government.3A 2021 New York Times exposé revealed that Lear's major direct suppliers each compliance act Slaves to Deforestation source cattle from illegally deforested ranches in protected areas of the Amazon. These ranches curtailment and 2021, https://www.reut evade supply chain monitoring by moving cattle repeatedly over their lifetimes from illegal to legal ranches in a process known as "cattle laundering." In addition to encouraging 6) Has any shipme deforestation, illegal ranching in the Amazon drives violent land-grabs and human rights abuses, Customs and Bo 8 US Department of Lab Act of 1930? If Labor at 24, (2022) http: a. describe of-Goods-v3.pdf. ⁹ Press Statement by U.S Rights Report on the Hur Deforestation in the Driver's Seat: Illegal Cattle Ranching, Amazon Deforestation, and the Automotive Leather 12 Lear, 2022 10-K filing wit https://geneva.usmission 10 Section 307 of the Tari Industry, Environmental Investigation Agency, 2022, 11 Trade Facilitation and ⁴ How Americans' Appetite for Leather in Luxury SUVs Worsens Amazon Deforestation, The New York Times. Nov. 17, 2021, https://www.nytimes.com/2021/11/17/climate/leather-seats-cars-rainforest.html.



ESG Guidance Landscape

Frameworks:

A set of principles and guidance for **how** a report is structured.









Standards:

Specific, repeatable, detailed requirements for **what** should be reported for each topic.





Analytics/rating platforms:

Uses a unique methodology to score a company's ESG disclosures.











OEM Codes Of Conduct

Established requirements & expectations



Ford, GM, Honda, Nissan, Stellantis, VW, AIAG, Drive Sustainability



Code of Conduct Topics







- Emissions
- Air quality
- Energy management
- Water & wastewater management
- Waste & hazardous materials management
- Chemical management
- Ecological impacts

- Cybersecurity
- Diversity, equity & inclusion
- Freedom of association
- Freedom of movement
- Harassment/Non-discrimination
- Health & safety
- Human rights/land rights/modern slavery
- Labor rights (e.g., force, child, etc.)
- Privacy/Data security
- Product quality & safety
- Recruitment practices
- Employment
 - · Wages and benefits
 - Working and living conditions
 - Working hours

- Anti-corruption/money laundering
- Anti-trust/competition
- Conflicts of interest
- Counterfeit parts
- Disclosure of information
- Ethical behavior
- Grievance mechanisms/remediation
- Intellectual property
- Non-retaliation
- Product design
- Responsible product/materials sourcing
- Trade/export controls, sanctions



OEM Disclosure Program Overview



- Platform: EcoVadis and CDP
- Coverage: Top 500 suppliers, based on spend
- Geography: Global requirement
- **Score**: Part of overall scorecards
- Corrective action: None currently
- **Training**: Provide some training/assistance



- **Platform**: no 3rd party system, scope is:
 - 1. Compliance and Ethics
 - 2. Governance
 - 3. Diversity
 - 4. Health safety
 - 5. Environmental
 - 6. Responsible sourcing
 - 7. Trade compliance
- Coverage: All suppliers, ask to cascade
- Geography: Currently North America, plan to expand
- Score: Separate sustainability scorecard, use SAQ
- Corrective Action: none currently
- **Training**: 3rd party tools



- Platform: CDP and NQC
- Coverage: Tier 1 suppliers
- Geography: Global requirements
- Score: Not currently part of scorecard
- Corrective action: None currently
- Training: Partnering with 3rd party for training/ assistance



- Platform: EcoVadis
- Coverage: Suppliers from tier 1: 2,000-3,000
- Geography: Global requirements
- Score: Not currently part of scorecard
- Corrective action:
 Currently no
 "consequences" for low
- Training: No formal training/ assistance, provide computer-based training



- Platform: EcoVadis and CDP
- Coverage: All tier 1 suppliers, encouraged to cascade down
- Geography: Global requirements
- Score: EcoVadis score blended into scorecard
- Corrective action: develop a plan
- **Training**: Partnering for training/ assistance



Rating Platforms



EcoVadis

- •Scope: Full ESG
- Focus: Historic data
- Fees: Subscription scaled to size and geography
- Reporting:
 Requesting companies get scorecard view



- CDP
- Scope: Climate, Water, Forests
- Focus: Historic data
- Fees: None in 2023 for disclosing companies – nominal fee in 2024
- Reporting:
 Requesting companies have dashboard/reports of their suppliers



J2030

- Scope: Carbon only, focused on scope 3
- Focus: Mainly forward looking
- Fee: Supplier pays per site (\$750)
- Reporting: OEMs have visibility into % output by topic/category for reduction projects



Sustainability

- •Scope: Full ESG
- Focus: Historic data
- Fee: Most OEMs don't ask for a fee
- Reporting:

 Requesting
 companies get
 scorecard view,

 OEMS receive
 score, can apply
 their internal
 requirements



Rating Platforms by OEM



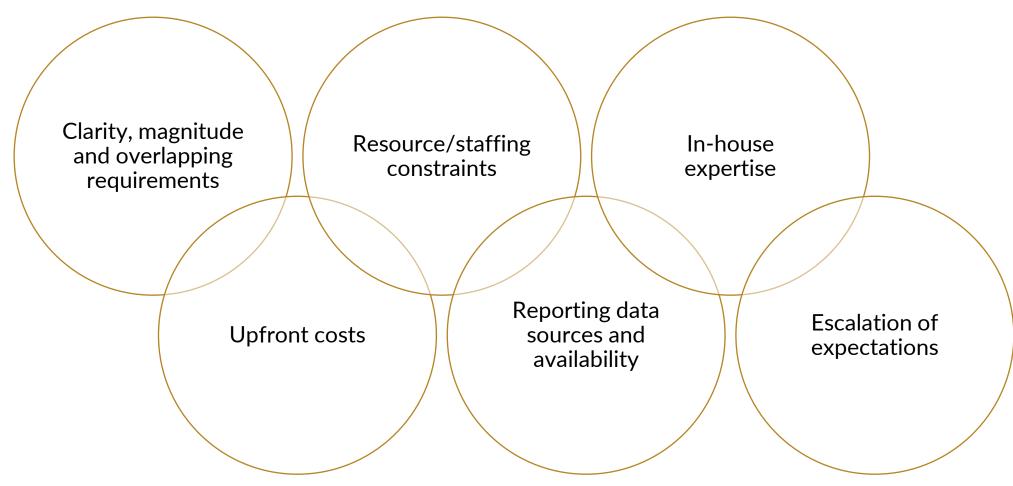








Challenges





ESG-Related Supplier Comments

Industry wide automotive survey provides insights into supplier ESG concerns

Theme	Comment
Supplier Cost	Greater interest from OEMs on ESG has increased supplier financial burden. ESG is noted as a primary factor driving unintended costs
Limitation of resources	Supplier notes OEM ESG requirements consume supplier resources which limits ability to focus on core competencies and deliver value-add
Scorecard Inclusion	Suppliers are concerned with scorecard metric changes from historical ratings based on actual performance drivers like quality, delivery, service and cost
ESG Strategy Articulation	Supplier concerned about extent to which OEM's ESG strategy is articulated clearly enough to align with supplier investment strategy
ESG Strategy Changes	Suppliers concerned about OEM ESG strategy changes that could result in high sunk costs to supplier

Supplier Question	STELLANTIS	Ford	gm	HONDA	NISSAN	TOYOTA
OEM Environmental objectives is articulated well enough to determine your firm's investment strategy	2.29	2.52	3.16	3.10	2.53	3.26
OEM provides your firm support to meet its environmental targets	1.85	2.01	2.46	2.62	2.07	2.67

Scale:

- 1 To a very little or no extent;
- 2 To a little extent;
- 3 To some extent;
- 4 To a great extent;
- 5 To a very great extent

Source: Plante Moran WRI® Study



Potential Stakeholders



Customers



Staff/ prospects



Peers



Industry organizations



Communities



Business partners/vendors



Investors



Government/ regulatory agencies



Internal resources



Lear Corp - Materials Sourcing



- Senate Finance Committee chair sent letter demanding that Lear account for its relationships with firms suspected of engaging in Amazon deforestation and forced labor
- The letter aims at automotive industry practices that boast of accountability and sustainability but allow suppliers to use bookkeeping tactics to mask abuses
- Big automakers and tiered suppliers do not aggressively enforce their ethics policies on their supply chain
- 2022 report traced transport permits to show thousands of cattle were illegally ranched in one of the most protected areas of the Amazon
- Weak oversight in Brazil has resulted in the proliferation of slave labor in deforested areas
- U.S. Department of Labor's Bureau of International Labor Affairs placed Brazilian cattle on the list of products produced by forced or child labor

Key Takeaways

- ESG responsibility doesn't stop at your four walls.
- Scope of topics and stakeholders isn't always apparent
- Relevant topics are not just "Environmental", need to be aware of "Social" and "Governance" as well

The Washington Post

BUSINESS

Leather-seat maker for car companies targeted in widening probe

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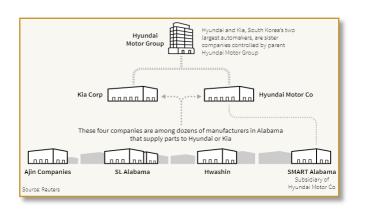
Hyundai-Kia Child Labor Found in U.S. Supply Chain

- At least four Alabama parts suppliers to Hyundai-Kia have employed child labor in recent years
- As many as 10 Alabama plants that supply parts to Hyundai or Kia have been investigated for child labor by various state and federal law enforcement or regulatory agencies
 - SL Alabama is the only Hyundai-Kia supplier to be charged with violating child labor laws
- Hyundai-Kia suppliers deny knowingly employing underage workers and place blame on third-party staffing agencies who fill the jobs

Key Takeaways

- "Passing the buck" to a third-party staffing agency does not eradicate ESG responsibility of OEM or supplier
- Suppliers can make you liable for violations
- What is your audit program to evaluate risks?











Rolls Royce—Supplier Code of Conduct



- Rolls Royce provides their commitment to become net carbon neutral by 2030 in their Global Supplier Code of Conduct
- Rolls Royce provides the expectation that suppliers set near-term and long term emissions reductions targets to meet net-zero no later than 2050



- ESG inclusion in OEM supplier code of conduct with expectation for compliance – requirements may be hidden
- Specific target dates provide that OEM is no longer asking, but mandating, suppliers target emissions reductions



2.3 Climate Action

Our principles:

We have committed to

become net zero carbon in our

- become net zero carbon in our operations by 2030;
- ensure all our new products are compatible with net zero carbon operation by 2030; and
- ensure that all of our products are compatible with net zero carbon operation by 2050.

We have committed to use of sciencebased targets to assist and measure reductions in our greenhouse gas emissions. What this means for our suppliers:

Suppliers shall set near-term and long-term science-based emissions reductions targets. With the near-term targets set on or before 31st December 2027 and long-term targets set to meet net-zero by no later than 2050.

Suppliers shall share copies of their nearterm and long-term targets with us.

Supplier shall agree targets with us to continuously improve energy efficiency and the use of renewable energy sources in your operations.



Response strategy



Get Details

Understand OEM strategy and expectations of supplier

Focus immediate efforts on what matters most for OEM compliance

- » What is minimum requirement to become compliant
- » Avoid efforts outside of passing the immediate test

Identify, analyze and document steps to become compliant supplier

- » Required data and resources
- » OEM submission platform(s)



Get Practical

Perform self-assessment to identify the current state

- » Preparedness of data
- » Alignment of organization's goals and priorities

Prioritize achievable OEM expectations and roadmap to compliance

- » Identify easy wins
- » Assess key steps to compliance

Develop action plan

» Identify a realistic path to compliance



Advocate for Yourself

Create your story

- » How are you making progress
- » Where are you falling short

Prepare a counter-proposal to illustrate detailed steps to compliance

- » Timing
- » Milestones
- » Other considerations

Have a conversation

- » Consider their goals
- » How do you fit in to that?



Get the Details



Understand OEM strategy/goals

- Commitments made
- How suppliers fit in
- What are they really asking for?

Review OEM expectations

- What is the minimum requirement to become compliant
- What is the impact for noncompliance
- Understand data/platform request(s)

Assess OEM requirements

- Data
- Resources
- Submission platform(s)



Get Practical



Perform selfassessment on data

Identify current gaps:

- » Missing data
- » Insufficient data
- » Inadequate data controls
- » Inadequate programs

Perform selfassessment on strategy

Identify organization's:

- » Overall priorities
- » Commitments
- » Goals
- » Budget priorities

Prioritize response

Identify:

- » Quick wins
- » High-value items
- » High-priority items

Develop action plan

Determine a realistic path to compliance, including:

- » Governance Resources
- » Timing
- » Roles & Responsibilities
- » Alignment with goals
- » Cost impacts



Advocate for Yourself



Craft your story

- Identify if compliance can not be met
- How can progress be shown

Prepare counter proposal

- Modified timeline
- Consideration of additional information
- Milestones for progress

Have a conversation

- Understand overall goals
- How does your business fit into the overall goals of the OEM?



Questions to Ask OEMs

- What disclosure platforms will be required of the supplier to satisfy
- 1 OEM ESG target/strategy?
- What is the geographical scope required of the supplier to satisfy OEM ESG target/strategy (i.e. global or region specific)?
- To what extent does the OEM support the supplier to meet its ESG targets?
- To what extent will sourcing opportunities for current or future programs be impacted if supplier does not have an ESG program in place or if targets are not met?
- What is the Tier 1 supplier expectation for tier 2 and tier 3 suppliers in terms of ESG reporting?



Questions?



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