



Top Emerging Regulatory Issues and a Corporate Approach to Management

March 26, 2020



Welcome to NAEM

Peer Forums



Research Insights



Targeted Networking



Actionable strategies that empower EHS&S leaders to make an impact



We Connect EHS & Sustainability leaders



120

Corporate Members

4,200

Individual Members

60

Affiliate Members

Reaching a
community of Practice

25K+

Nominate Your Colleagues!

NAEM's Award Program

3 Types of Awards

Lifetime Achievement

Leadership in Action

NexGen Awards

- **Deadline: May 22**
- <https://www.naem.org/what-we-offer/excellence-awards>





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REGULATION

LAW

COMPLIANCE



Outline

- Speaker Introductions
- Organic Waste Management
 - Regulatory Overview
 - Corporate Approach to Management
- Emerging Chemical Regulations
 - Regulatory Overview
 - Corporate Approach to Management
- Q&A



Speaker Introduction



Angela Levin
Partner
Troutman Sanders



Nicole Wilkinson
Director, Corporate
Environmental
CVS Health



Rahul Naik
Environmental Director –
Product Stewardship
Cargill



Organic Waste Management



Attendee Poll



Organics Recycling

- California's Program
 - Goal: 50% reduction in disposal of organic waste by January 1, 2020
 - Broad applicability – Generators of 4 cubic yds of solid waste (1 dumpster/week)
 - Covers all types of organic waste regardless of source
 - food waste,
 - green waste,
 - landscape and pruning waste,
 - nonhazardous wood waste, and
 - food-soiled paper waste that is mixed in with food waste.



Organics Recycling

- California's Program - More stringent requirements are coming
 - Summer/Fall 2021 – could expand to 2 cubic yards of solid waste
 - January 1, 2022 – reduce disposal of organic waste by 75% and recover 20% of edible food for consumption by 2025
 - January 1, 2024 – mandatory enforcement against private entities for noncompliance if goals are not being met

Organics Recycling

- At least five other states and seven cities have adopted some version of organics recycling requirements



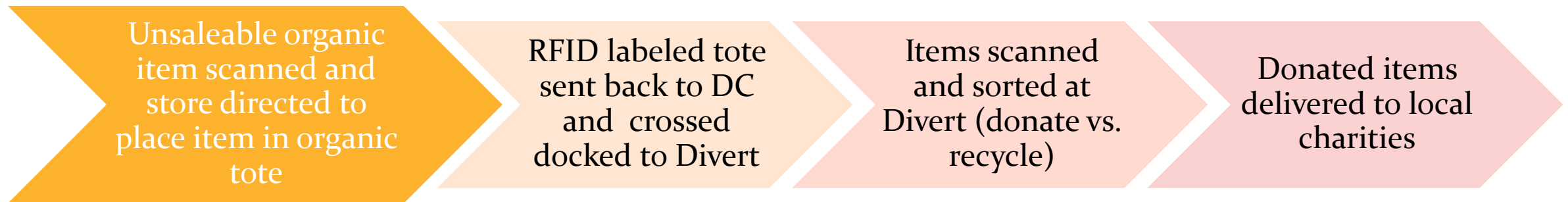
- More regulation is coming, including more stringent regulations (e.g., NYC) and more jurisdictions (e.g., New Jersey)



CVS Health Organics Management Program

CVS Health Organics Management Program is a best-in-class model for ensuring we do not waste unsaleable food. With inventory scanning technology, colleagues direct seasonal or food nearing expiration to local charities and food banks, with a small amount of unsaleable food processed via composting and/or anaerobic digestion to create renewable energy and fertilizer.

Organics Process Flow Overview



Program Benefits

- Compliant method of disposal
- Maximizes opportunity for donation at a centralized location to better serve the community
- Over 85% of the diverted product is donated
- Enhances tax benefits for donations
- Improves visibility to unsaleable data and condition of product needed to drive store level compliance

California Organics Recycling

In 2019, across all retail locations in California, we donated 5.8M units of food products, with estimated retail value of \$19 million. This program not only gives back to our communities by addressing food insecurity, it also eliminates landfill disposal of food and other compostable products sold at CVS retail locations. Due to the success of this program we began a similar food donation program at approximately 6,000 stores outside of California.

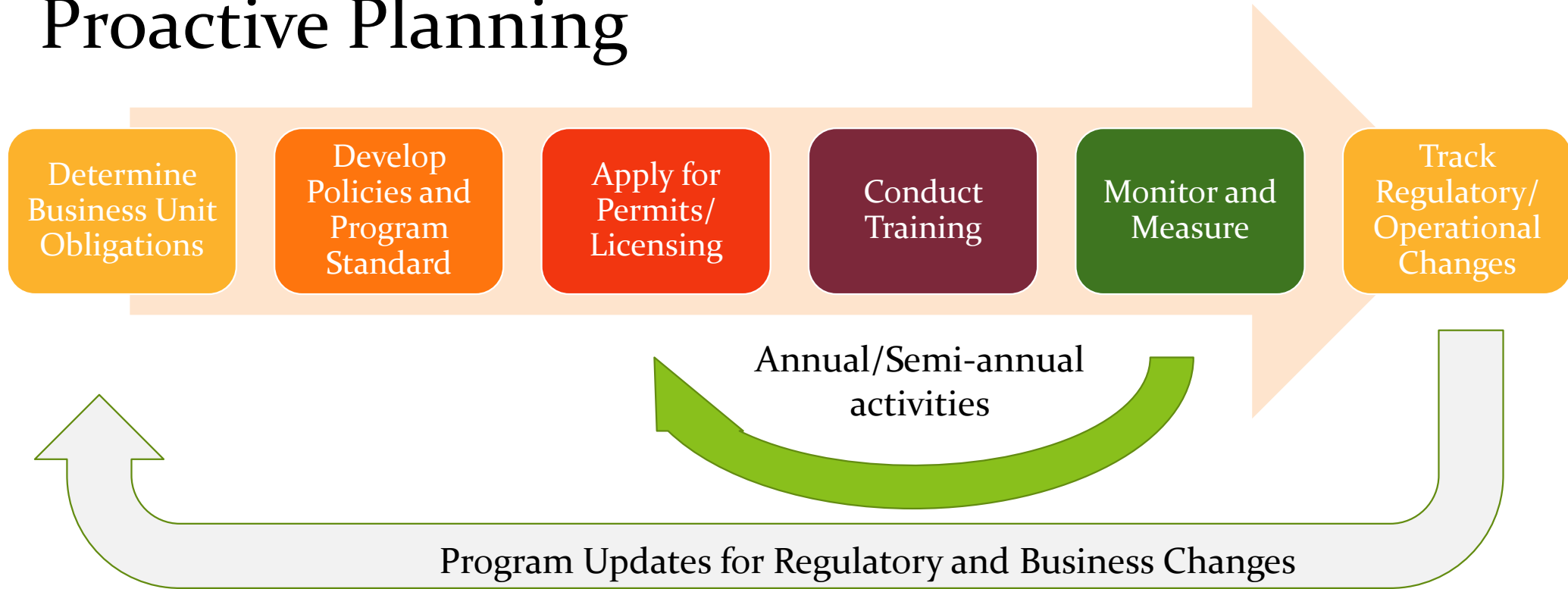


Quote: “CVS Pharmacy donations often contained a variety of highly portable snack items, which our community partners value. One such partner supplies after school snacks to school-age children who might not have much food waiting for them at home. What seems like a small snack or drink means a lot to someone in need.”

Caitlin Duncan, Grants Manager, Feeding America Riverside | San Bernardino



Proactive Planning



- Resonate with operations leadership highlight operational benefits and compare to traditional organics waste composting programs
- Leverage detailed tracking to analyze unsaleable data and improve category management
- Work with vendor to customize process for small box retail operation
- Utilize QR reader videos to train employees and communicate program



Emerging Chemical Regulations



Attendee Poll



Emerging Chemical Regulations

- Per-fluoroalkyl substances (PFAS)
- Microplastics
- Chemical regulation in emerging countries (Latin America and Pacific region)



Per-fluoroalkyl Substances

- Over a dozen states have adopted some type of regulation
 - California
 - Safer Consumer Product Program (carpets and food packaging)
 - Testing and monitoring, drinking water system notification
 - Vermont, New Jersey and more to come
 - Drinking water standards
- Federal regulation also emerging
 - Toxic Release Inventory reporting
 - Proposed designation as hazardous substance
 - Federal drinking water standard

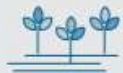


Cargill's Product Portfolio

160,000
employees

Working in 70
countries

More than 150 years
of experience



Agriculture

We connect producers and users of grain, oilseeds and other agricultural commodities through origination, processing, marketing, risk management and distribution. We also provide crop and livestock producers with farm services and products.



Animal Nutrition and Protein

We deliver animal nutrition products and services to producers in aqua, beef, dairy, pork, poultry and pet food. We also offer a full range of meat and poultry products to food companies and retailers.



Food

We serve food manufacturers, foodservice companies and retailers with high-quality food and beverage ingredients, applications and services. We also provide raw materials for animal nutrition and industrial applications.



Financial and Industrial

We provide Cargill customers and the company with risk management in energy, metals, ocean freight and commodities. We also offer financial solutions that facilitate trade and mitigate trade-related risks.

Our purpose is to nourish the world in a safe, responsible and sustainable way.

Global Regulatory Trends

C2P: Global Regulations By Region



C2P: Global Regulations By Subject

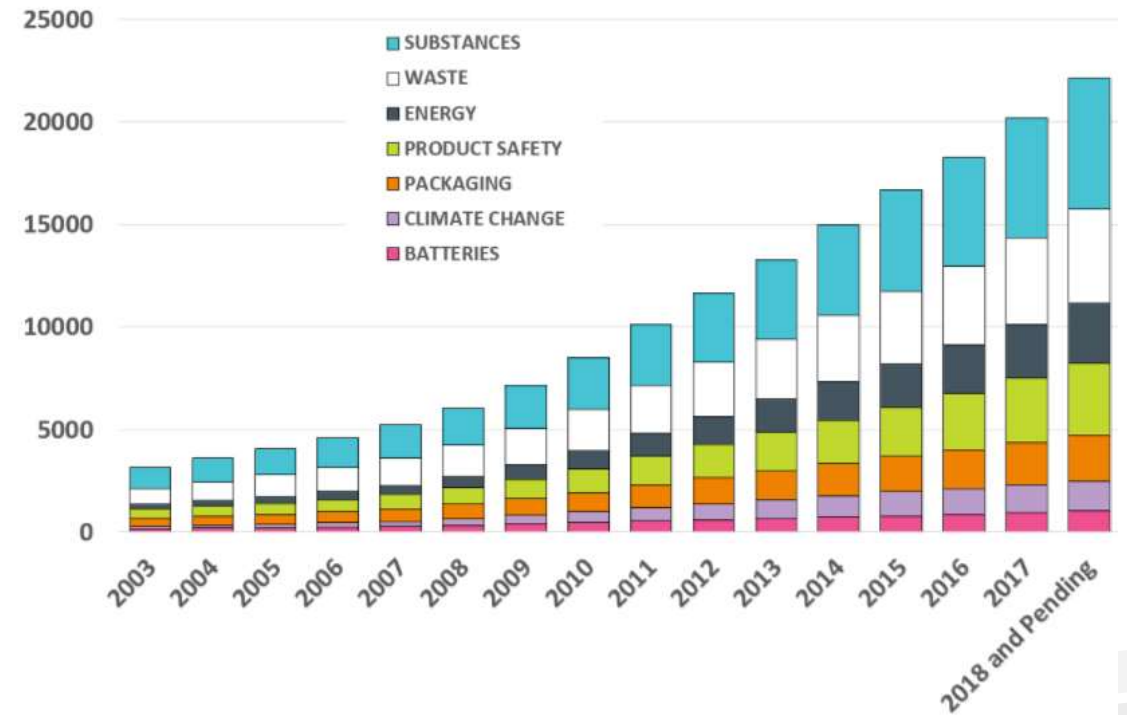
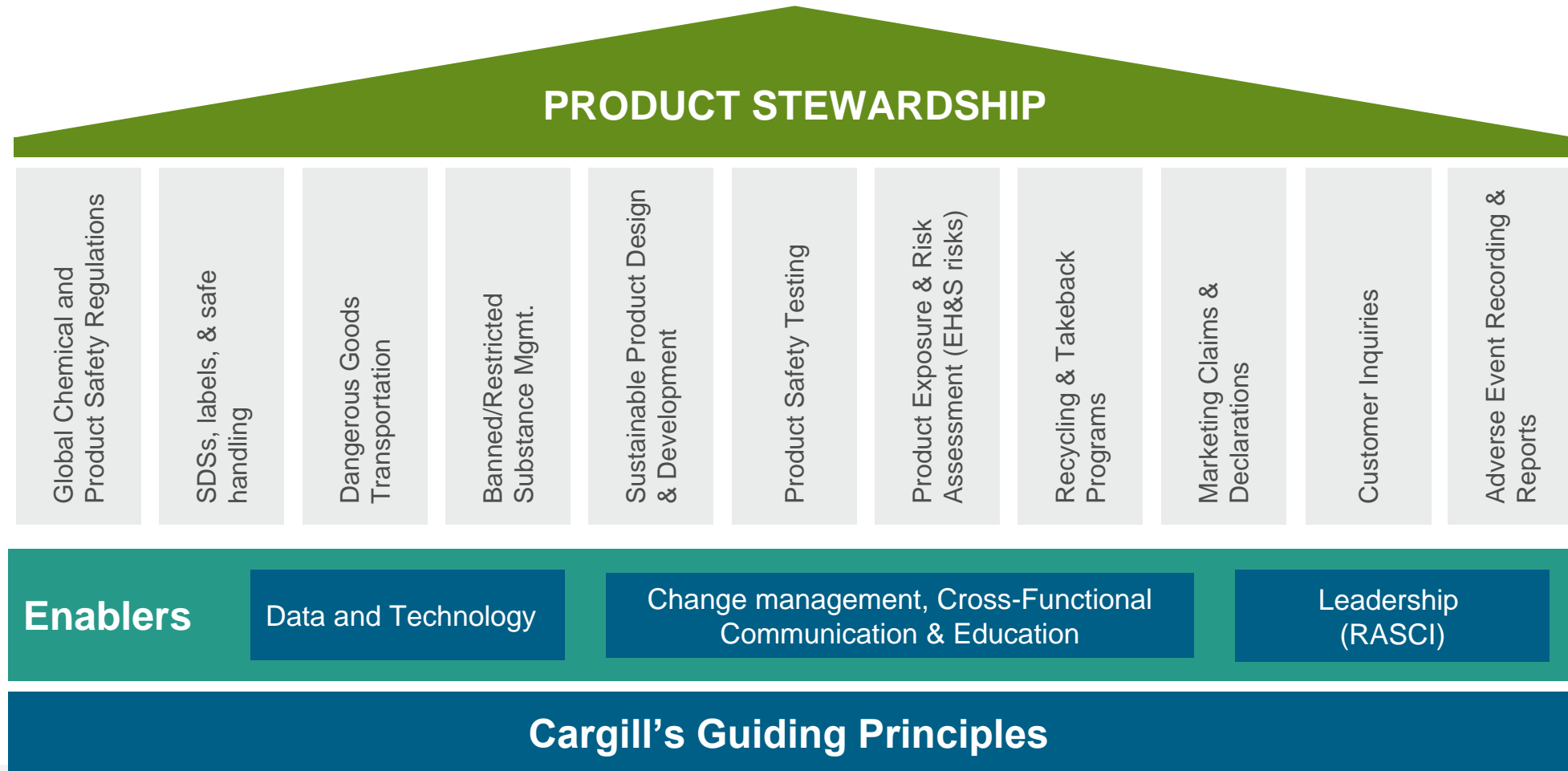


Figure Credit: Compliance & Risk

Global emerging and existing regulations impacting our products require us to take a process / systems approach when developing new and existing products for various applications / intended use and geographies

Key Elements of Product Regulatory Compliance & Stewardship



Product Stewardship is a proactive evaluation and management of the environment, health and safety (EH&S) impacts & risks, working cross functionally with functions and businesses, throughout the life cycle of the product.

Consideration of EH&S impacts of materials and products through the entire Product Life Cycle...

Create

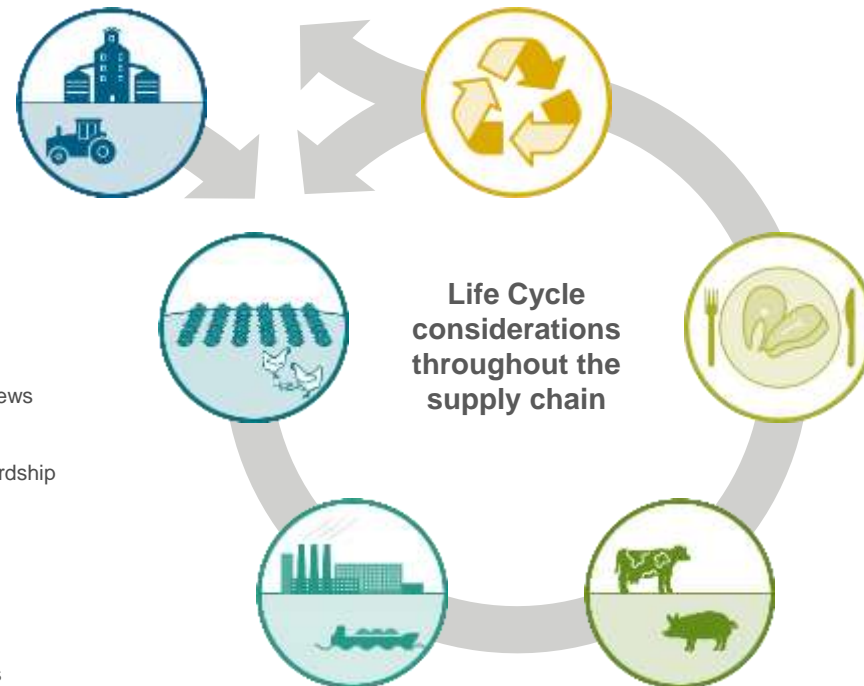
- Evaluation for intended use through NPSS and regulatory product review
- Green chemistry, consider life cycle design
- Master data within systems connected
- Product Env. & Safety Assessments
- GHS compliant SDSs / Labels

Plan

- New or existing markets
- Use of internal or external manufacturing
- Substance registrations, regulated substance reviews
- Green chemistry, consider life cycle design
- GHS compliant SDSs/Labels
- Mgmt. of Change reviews including product stewardship

Source

- Contracts with product stewardship requirements
- Internal and external supplier material data
- Sustainable sourcing and compliance declarations
- GHS compliant safety data sheets



Use & Disposal

- Efficacy of Product application as intended
- Reduce, recycle and reuse product interactions
- Minimize and eliminate waste
- Disposal of products

Deliver

- Product labeling and marketing claims
- Distribution through direct or indirect channels
- Sustainable packaging
- Life cycle analysis and reduced carbon footprint
- Customer Request & Response

Make

- BoM master data collection and updates (SAP)
- Raw material, intermediate, final product SDSs
- Life cycle analysis and reduced carbon footprint
- Product labeling and hazard communication
- HazMat transportation
- Incident Management
- Management of change

...Plays **an integral role** in meeting Cargill's Purpose. Early evaluation and management of impacts reduces the potential for changes and costs throughout the supply chain



Questions?

Great Webinars Every Week!

April 2



The State of Emerging Tech in EHS&S

April 16



Artificial Intelligence for EHS Compliance and Sustainability Management

May 28



How to Build Corporate Social Responsibility in Your Supply Chain

Visit naem.org/webinars for details and registration