

# Clean Materials

## EVENT SERIES

Clean energy, clean water, clean transportation, and clean materials are the lynchpins of a sustainable society.

### Wait, Clean Materials? What is that?

The new “Clean Materials” paradigm offers a whole new approach to waste and recycling. Instead of managing materials only at end-of-life, we can rethink entire supply chains to dramatically reduce human health and environmental impacts, and generate more economic value, across the life cycle of materials and products. Clean materials companies reimagine product design, manufacturing processes, supply chains and reuse-repair-recycling systems to prevent waste, slash unwanted impacts, and create good jobs.

### Clean Materials is the next frontier of climate solutions.

A study by Oregon’s Department of Environmental Quality has found the materials and products we consume in a given year is a major, but largely ignored, component of our climate footprint. A state’s total climate pollution, normally determined by in-state emissions, nearly doubles when the life cycle impacts of materials are counted. In fact, Bill Gates recently said of manufacturing “that’s the sector that bothers me the most,” when discussing his new book, “How to Avoid a Climate Disaster.” Impacts of our use of materials on toxic loading, water quality and other urgent environmental challenges are equally serious.

### Can the Northwest grow a vibrant clean materials industry sector that delivers solutions to the global materials crisis?

In short: Yes! The global market for these solutions will be huge, and the region already boasts a range of innovative clean materials companies. In the Northwest, the sustainability ethic is strong, and we are rich in talented public and private sector innovators.

### Clean Materials can be the new Clean Energy.

In the 2000s, clean energy rose to the top of Northwest policymakers’ agenda, because it offered tremendous economic and environmental benefits. In response to proactive policies, private investment poured into projects and companies. Now the Northwest boasts over 130,000 clean energy jobs delivering cost-effective solutions that reduce climate pollution.

The **CleanTech Alliance** and the **Center for Sustainable Infrastructure** are hosting a series of four events in 2021 to coalesce a new clean materials leadership for the Northwest economy. These conversations will bring together leading Northwest professionals to understand the opportunities, discover strategic partnerships, and begin to forge a shared vision for growing the Northwest’s clean materials industry sector and accelerating a sustainably thriving future.

Can Clean Materials follow the same trajectory, twenty years later, as clean energy in the Northwest?

***Let’s find out!***



[www.SustainInfrastructure.org](http://www.SustainInfrastructure.org)



**CleanTech Alliance™**

[www.CleanTechAlliance.org](http://www.CleanTechAlliance.org)

## Welcome

Mel Clark, CleanTech Alliance

## Clean Materials: An Emerging Economic Engine

Rhys Roth, Center for Sustainable Infrastructure

*What is the 'Clean Materials Economy'? How can it benefit businesses, jobs, our health, and our climate?*

## Innovator Speed Talks: Pioneering Clean Materials in the Northwest

Speed Talks from leaders of three of the most innovative PNW CM enterprises

Nicole Bassett, Co-Founder of The Renewal Workshop

Alando Simpson, CEO of COR

Terry McDonald, Executive Director of St Vincent de Paul Society of Lane County

MODERATOR: Juan Carlos Gonzales, Councilor of Oregon Metro

## Breakout Discussion

What would help green your organization's supply chain? How can we grow this emerging sector?  
What economic opportunities in clean materials do you see?

## Thought Leader Conversations: Can Clean Materials Follow in Clean Energy's Footsteps?

Three of the PNW's most influential clean energy pioneers who've helped steer investment in transformative directions for three decades explore the parallels and lessons learned for clean materials.

Christine Ervin, First President and CEO of US Green Building Council  
Former Asst. U.S. Secretary for Energy – EE & RE

Nancy Floyd, Founder and Managing Director of Nth Power  
Member, Board of Directors for Hannon Armstrong

Dave Chen, CEO and Chairman of Equilibrium and Former Chair of the Oregon Innovation Council

MODERATOR: Maud Daudon, former President and CEO, Seattle Metropolitan Chamber of Commerce  
Deputy Mayor of Seattle

## Closing

Mel Clark, CleanTech Alliance

*Upcoming events in the CM Industry Series; How you can plug in!*

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