

# The Place-Based Circular Economy: The Story of North Friesland

Join Leaders In Energy and NVRC in a  
virtual webinar on the circular economy!

June 16th, 12PM-1:30PM EDT

Register online at [leadersinenergy.org](https://leadersinenergy.org)  
under “Events”

We hope to see you there!

Janine Finnell



Dr. Dale Medearis &  
Debbie Spiliotopoulos



Nick Boersma



Dr. M. Rashed Hasan



Jan Mul



# Event Agenda

**Overview of Circular Economy: Janine Finnell, Leaders in Energy and Dr. Dale Medearis, Northern Virginia Regional Commission (NVRC)**



**Lessons and Experience of Circulair Friesland:  
Nick Boersma and Marije de Boer**

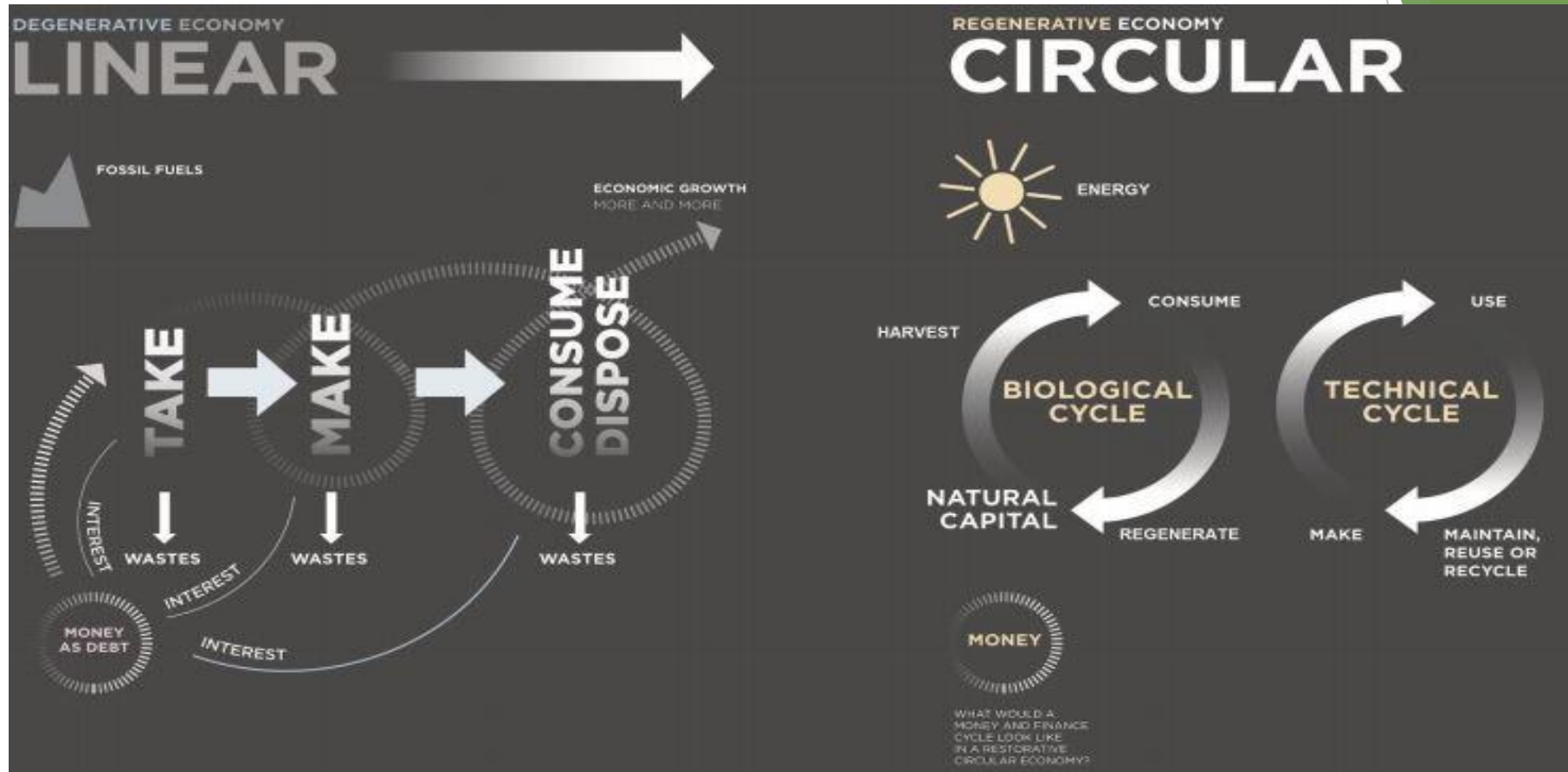


**Northern Virginia Perspectives: Jan Mul, Dulles Regional Chamber of Commerce; Dr. M. Rashed Hasan, George Mason University, and Debbie Spiliotopoulos, NVRC**



**Q&A**

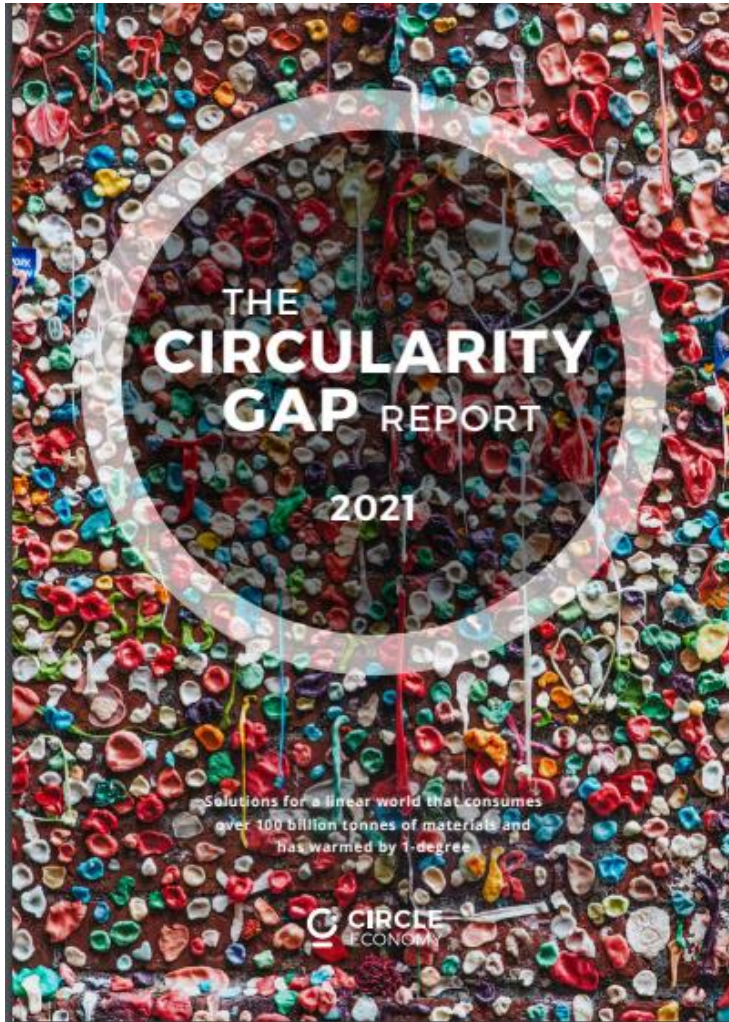
# What is the Circular Economy?



- ▶ A system that emulates nature where nothing is wasted and waste from one process is the resource for another.
- ▶ Safe cycling of goods and services in either the technosphere (technical cycle) or biosphere (biological cycle) as valuable nutrients rather than the current linear “Take-Make-Dispose”<sub>3</sub> system

**Source:** Graphic from <http://circulatenews.org/2015/08/the-circular-economy-where-does-money-fit-in/>





**“TO KEEP OUR  
WORLD LIVABLE  
AND THRIVING, WE  
NEED TO DOUBLE  
GLOBAL  
CIRCULARITY FROM  
8.6% TO 17%”**

Source: Circle Economy, <https://www.circularity-gap.world/2021>

# Examples of Circular Economy Workshops/Events/Tech Tours

- ▶ “Building Back Circular” at Clean Energy and Sustainability Extravaganza (2021)
- ▶ Event on Office Circularity with Circular Economy Working Group (2019)
- ▶ Transforming Waste into Energy to Advance the Circular Economy: Canada - USA Event (2018)
- ▶ Circular Economy Tech Tour to Visit C2 Management in Berryville, VA, September 22, 2018 & Sustainable Vineyard in Loudoun County (2018)
- ▶ Coming Full Circle with Sustainability: A Workshop on Building a Circular Economy in the DMV Region (2017)
- ▶ Sustainable Facilities for the Circular Economy (2016)
- ▶ Sustainable Manufacturing: Building a Circular Economy in the DMV Region Workshop (Alexandria Renew Enterprises Wastewater Treatment Facility, 2015)



# Circular Economy Working Group Mission Statement

The Leaders in Energy Circular Economy Working Group is a regionally-focused group working to implement a circular economy by engaging with supply chains, logistics, food systems, and waste; developing a communications strategy targeting businesses in the DMV area; and building towards implementing CE projects in the DMV.

**Goal:** To engage with local, regional, and national businesses and organizations on implementing circular economy best practices in the DMV region.

**Objective:** To hold monthly meetings that advance our goals and mission.

Current focus is developing a DMV Roadmap to identify opportunities for implementing the CE.



# CEWG Developing DMV Roadmap on Circularity

- ▶ Collecting data on circularity in the DMV region
- ▶ Jurisdictions/counties thus far include: DC, Arlington, Montgomery, Prince George's, and Anne Arundel.
- ▶ Our goal is to obtain an overview of where we are on circularity as a region
- ▶ We would love to have you join our effort. Reach out to Dr. Christina (Tina) Calvin [atcycalvin@yahoo.com](mailto:atcycalvin@yahoo.com)



# 2021 Four Gen Awardees!



Catherine Zimmerman



Lawrence Jones, PhD



Chris Castro



Samir Chowdhury



Edward Saltzberg, PhD





# Thank You & My Contact Information

Janine Finnell  
Executive Director  
Leaders in Energy  
Email: [jfinnell@leadersinenergy.org](mailto:jfinnell@leadersinenergy.org)

Sign up for Leaders in Energy news and events  
[leadersinenergy.org/join-us/](https://leadersinenergy.org/join-us/)

Visit our webpage for online resources  
[leadersinenergy.org/](https://leadersinenergy.org/)

Join our LinkedIn group  
<https://www.linkedin.com/groups/4733995/>



## Leaders in Energy



### ***Each one, Reach one***

*Building a global community  
of clean energy and  
sustainability leaders*

