



**WHEATON
SUSTAINABLE
INNOVATION
ZONE**



**Montgomery County
Energy Summit**

**Hosted by
Montgomery County
Department of Environmental Protection**

**Silver Spring Civic Building
1 Veterans Plaza
March 28 - 29, 2023**





**WHEATON
SUSTAINABLE
INNOVATION
ZONE**

**Economic Development Through
Green Savings • Green Opportunities •
Green Talent • Green Places**

Building on a project funded by the US Department of Energy through the Inclusive Energy Innovation Prize, the partners below work to strengthen economic development efforts, climate resilience and promote innovation in a diverse urban community through the creation of a Sustainable Innovation Zone.

Through extensive community engagement, project partners apply the international lessons of sustainable innovation to the curated needs of an underserved community, creating a model for similar communities in the County, State, and Nation.



US Dept of Energy Inclusive Energy Innovation Challenge

Inclusive
Energy
Innovation
Prize



U.S. DEPARTMENT OF ENERGY



Global Urban
Development



MONTGOMERY COUNTY
ECONOMIC DEVELOPMENT
CORPORATION MARYLAND





Sustainable Innovation and Inclusive Prosperity

Sustainable Innovation Economic Development Strategies generate substantial economic and employment growth and sustainable business and community development by demonstrating that innovation, efficiency, and conservation in the use and reuse of all natural and human resources is the best way to increase jobs, incomes, productivity, and competitiveness.

In addition, Sustainable Innovation Economic Development Strategies are the most cost-effective method of promoting renewable energy and clean technologies, protecting the environment, and preventing harmful impacts from climate change.

SUSTAINABLE INNOVATION ZONE GOALS

Green Savings — cutting costs for businesses, families, communities, and governments by efficiently using renewable resources and by reducing and reusing waste

Green Opportunities — growing jobs and incomes through business development and expanding markets for resource efficiency, sustainability, and clean technologies



Green Talent — investing in fundamental assets such as education, research, technological innovation, and modern entrepreneurial and workforce skills, because people are now the world's most vital green economic resource

Green Places — establishing sustainable transportation and infrastructure, and protecting and enhancing the natural and built environment, to create more attractive, livable, healthy, vibrant, prosperous, productive, resilient, and resource-efficient areas and communities.



ENGAGING THE COMMUNITY FOR A CLEAN ENERGY TRANSITION



CONNECTING ECONOMIC AND BUSINESS DEVELOPMENT WITH CLIMATE ACTION

EXPLORE
COMMUNITY

WHEATON SUSTAINABLE INNOVATION ZONE

OUR PARTNERS



FULFILLING COUNTY ECONOMIC GOALS

- Create "One-Stop Green Savings Information Clearinghouse & facilitate related advisory Services
- Info sessions for local business stakeholders on building retrofit & other green energy savings opportunities
- Coordinate with Downtown Wheaton Study team to ensure sustainability priorities are incorporated into their planning endeavors
- Facilitate opportunities for Montgomery County, and specifically Wheaton businesses, to purchase locally and/or sustainably from each other



The Wheaton Sustainable Innovation Zone will bring..

GREEN OPPORTUNITY

Increasing jobs and income through development of businesses and expanding markets for resource efficiency, sustainability, and clean technologies.



GREEN SAVINGS

Cutting costs for businesses, families, communities, and governments by efficiently using renewable resources and by reducing and reusing waste while leveraging public/private funding for business growth.

GREEN PLACES

Establishing sustainable transportation and infrastructure and protecting the natural and built environment, to create more healthy, vibrant, prosperous, and resource-efficient areas and communities.



GREEN TALENT

Investing in fundamental assets such as education, research, technological innovation, and modern entrepreneurial skills, because people are now the world's most vital green economic resource.

..to Wheaton, and make Wheaton a stronghold of B Corp Certified businesses in Montgomery County.



For more information on becoming a B Corp, visit www.wsizmd.org or contact us at info@wsizmd.org.



B Corp Brochure

The Wheaton Sustainable Innovation Zone's goal is to cultivate and maintain a sustainable innovation ecosystem for climate and energy technologies, while reducing barriers to equal opportunity in the Wheaton community.



Use this QR code to visit our website

REGISTER HERE:

bit.ly/marwebinar_sapplings



SAPPLINGS (Student Advocates Protecting the Planet) is a project run by Montgomery County, MD high school students for high school students interested in the environment and sustainability.

SAPPLINGS is a project of:



sapplings@onemontgomerygreen.org

Will be held on:
Thursday, March 30th
@ 7PM on ZOOM

SAPPLINGS WEBINAR
Growing Our Green Thumbs
An Interactive Workshop on Leading Green Initiatives!

Did you know that 29% of our waste in landfills can be composted? Come join us to learn how YOU can be a part of the solution in diverting this food waste from our landfills. There are many ways you can make an impact.

At this event, MCPS leaders in composting, food recovery, and sustainability will walk you through how to start a green project at your own school. Let's come together and create a more sustainable Montgomery County!

For more information, visit our LinkTree: linktr.ee/MCSAPPLINGS

To get involved or learn more...

[SUBSCRIBE TO OUR NEWSLETTER](#)

<https://onemontgomerygreen.org/>



One Montgomery Green is a nonprofit organization located in Montgomery County MD dedicated to develop and promote models for a sustainable, just, and regenerative Montgomery County, MD. We do this by engaging stakeholders, fostering partnerships with local businesses and promoting educational projects for a verdant and equitable economy.



ABOUT US BE GREEN BUSINESS BE GREEN LIVING CALENDAR MEDIA DONATE Q

Building a sustainable urban ecosystem

<https://bethesdagreen.org/>



[ABOUT US](#)

[BE GREEN BUSINESS](#)

[BE GREEN LIVING](#)

[CALENDAR](#)

[MEDIA](#)

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Be Green Business



Home of the Innovation Lab, Bethesda Green's Be Green Business welcomes founders who are building for-profit business models around innovative and sustainable solutions to tackle environmental and social challenges and ensure compatibility between economic development and environmental protection. We also advise existing local businesses through B-Corps certification on best practices for sound governance, support for workers, and sustainability.



BE NEXT

MONTGOMERY COUNTY, MD

Bold MoCo visionaries raised \$8.12B of venture capital in 2021. [Learn more.](#)

BE NEXT

MONTGOMERY COUNTY, MD

Tomorrow's gene therapy discoveries happen today in MoCo. [Learn more.](#)



WHY MOCO IS THE PERFECT [HOME FOR ARPA-H](#)

English >

<https://thinkmoco.com/>



HOSPITALITY TECH ACCELERATOR: INNOVATING THE FUTURE



SOLVING SUSTAINABILITY ISSUES

Energy Efficiency and Management

Water Conservation and Management

Waste Reduction and Management



METROPOLITAN ECONOMIC STRATEGY: SUSTAINABLE INNOVATION AND INCLUSIVE PROSPERITY

GREEN SAVINGS · GREEN OPPORTUNITIES · GREEN TALENT · GREEN PLACES



"Getting Richer by Becoming Greener"

SUSTAINABLE INNOVATION ZONES

Sustainable Innovation Zones near urban universities, technology parks, and business incubators are designed to become regional and international magnets for talent and concentrated experiments in developing advanced technologies and globally scalable products and services that conserve, reuse, and renew resources much more efficiently. Through this approach, people, places, and organizations can experience greater prosperity and quality of life, earning and saving more money with thriving businesses, better jobs, and higher incomes -- literally "getting richer by becoming greener."

[Key Documents](#)

SUSTAINABLE INNOVATION ZONES

Porto Alegre, Brazil

[ZEP/PA](#)

Santo Angelo, Brazil

[ZISSAN](#)

Panama City, Panama

[ACTA](#)

Western Sydney, Australia

[PSIC](#)

Wheaton, US

[WSIC](#)

Poznan, Poland

[EDIF Poznan](#)

EVENT VIDEOS

Click images to go to video



GUD's Sustainable Innovation Zones Global Initiative*

Dr. Marc A. Weiss, Global Urban Development, March 2023



Global Urban Development (GUD), founded in 2001, is a nonprofit international policy organization and professional network of more than 700 leaders and experts in 60 countries, committed to enabling everyone in the world to live and thrive in peace with each other and in peace with nature. GUD participates in many global partnerships with the UN, World Bank, and other international organizations to help achieve the Sustainable Development Goals, Paris Climate Agreement, and New Urban Agenda by 2030.

In addition, Global Urban Development specializes in designing innovative, sustainable, and inclusive economic growth and development strategies for cities, counties, regions, states, and provinces in many countries, including Australia, Brazil, Canada, China, Czech Republic, Germany, India, Italy, Morocco, Panama, Poland, Singapore, South Africa, Spain, Sweden, UAE, UK, and the US, by applying GUD's strategic policy and action framework, Metropolitan Economic Strategy, Sustainable Innovation, and Inclusive Prosperity.¹



The Four Greens

- **Green Savings** — cutting costs for businesses, families, communities, and governments by efficiently using renewable resources and by reducing and reusing waste
- **Green Opportunities** — growing jobs and incomes through business development and expanding markets for resource efficiency, sustainability, and clean technologies
- **Green Talent** — investing in fundamental assets such as education, research, technological innovation, and modern entrepreneurial and workforce skills, because people are now the world's most vital green economic resource
- **Green Places** — establishing sustainable transportation and infrastructure, and protecting and enhancing the natural and built environment, to create more attractive, livable, healthy, vibrant, prosperous, productive, and resource-efficient areas and communities.

A vital feature of GUD's approach is a strong emphasis on promoting Sustainable Innovation, ClimateTech Resilience, and Circular Economy, as expressed in this brief article, *The Global Future of Green Capitalism*, including the "Four Greens" framework: **Green Savings, Green Opportunities, Green Talent, and Green Places.**²



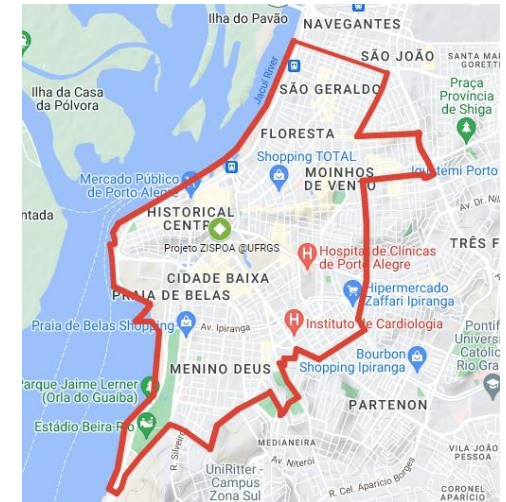
Global Urban
Development

Porto Alegre Sustainable Innovation Zone (ZISPOA)



Sustainable Innovation Zones Combine 6 Key Elements:

- Innovation and Technology
- Entrepreneurship and Startups
- Sustainability and Resource Efficiency
- Creativity and Collaboration
- Participatory Community Management
- Business-Friendly Environment



Rio Grande do Sul Leapfrog Economic Strategy:
Most Sustainable and Innovative Place in Latin America by 2030

Map of ZISPOA



Solar Electric Car Charging Station



Solar "Tree"



NASEM/Viable Cities/UN-Habitat/GUD Seminar on Urban Sustainability and Climate Action
House of Sweden, Washington, DC, May 10, 2022



WSIZ Lunch hosted by MCEDC to welcome Olle Dierks, Manager for Large-Scale Investments, Viable Cities/KTH, Stockholm, Sweden, Los Chorros Restaurant, Wheaton, May 10, 2022



All Eco Design Center, Wheaton



MAY 10, 2022

WHEATON SUSTAINABLE INNOVATION ZONE

International Lunch and Walking Tour with VIP Guests

WSIZ Walking Tour for Olle Dierks, Manager for Large-Scale Investments,
Viable Cities/KTH, Stockholm, Sweden,
Wheaton Sustainable Innovation Zone, May 10, 2022

Two Montgomery County Organizations Jointly Win \$200,000 Federal Prize From the Department of Energy

Inclusive
Energy
Innovation
Prize



U.S. DEPARTMENT OF ENERGY



May 24, 2022



U.S. DEPARTMENT OF ENERGY





WSIZ Mixer/Networking Event, WorkSource Montgomery,
Wheaton, November 10, 2022

NATIONAL
ACADEMIES

Sciences
Engineering
Medicine



Operationalizing
Sustainable
Development to
Benefit People
and the Planet

Consensus Study Report

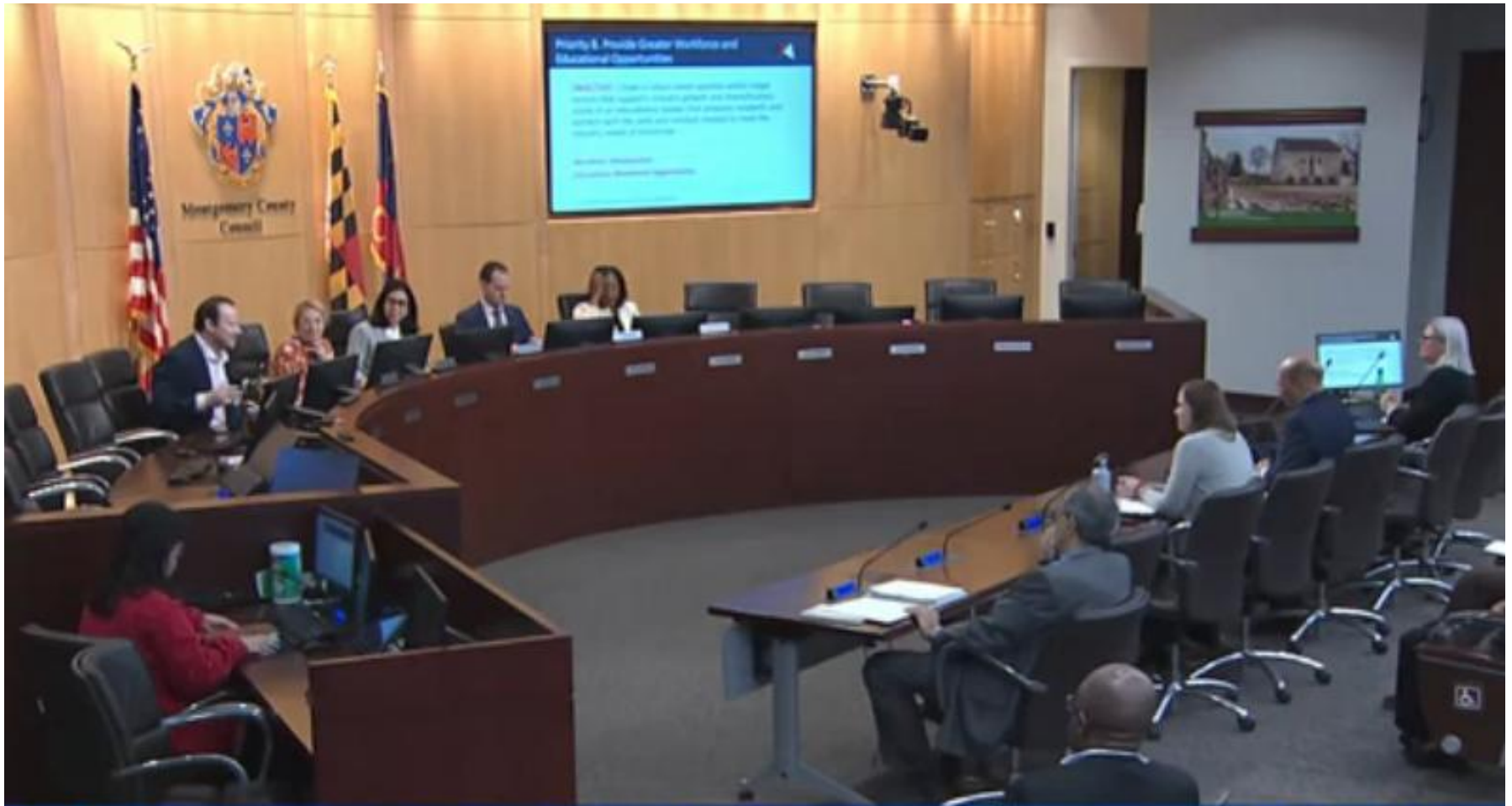
**NASEM international report acknowledges
Wheaton Sustainable Innovation Zone,
Washington, DC, November 29, 2022**



WSIZ Composting and Tackling Food Waste Workshop,
WorkSource Montgomery, Wheaton, February 15, 2023



WSIZ Composting and Tackling Food Waste Workshop,
WorkSource Montgomery, Wheaton, February 15, 2023



Item
1

Economic Development Committee

Feb 16, 2023

MCEDC Briefing on the implementation of the Economic Development Strategic Plan

Montgomery County Council, Rockville, February 16, 2023



MCEDC Briefing on the implementation of the Economic Development Strategic Plan

Montgomery County Council, Rockville, February 16, 2023



WSIZ seminar with Marcus Coester, CEO, AEROM, Porto Alegre, Brazil, explaining the Aeromovel sustainable transportation technology in ZISPOA, MontCo Department of Environmental Protection, Wheaton, March 16, 2023



WSIZ welcomes Marcus Coester, CEO, AEROM, Porto Alegre, Brazil,
Wheaton, March 16, 2023,
Maryland-National Capital Park and Planning Commission (M-NCPPC) lobby

US Dept of Energy Inclusive Energy Innovation Challenge



**Wheaton Sustainable Innovation Zone will participate in the
Inclusive Energy Innovation Prize In-Person Pitch Event at the
National Renewal Energy Laboratory (NREL), Golden, CO
June 12-14, 2023**

THANK YOU TO OUR OUTREACH PARTNERS

Loop Closing





**WHEATON
SUSTAINABLE
INNOVATION
ZONE**

Economic Development Through
Green Savings • Green Opportunities •
Green Talent • Green Places

1. Visit our website:

<https://www.wheatonsustainableinnovationzone.com>

2. Sign up for more Information

3. Referrals - Do you know of a business that could benefit from our resources?

4. How can we support you?

In Memoriam: Adam Roberts

former Executive Director, Bethesda Green





WHEATON
SUSTAINABLE
INNOVATION
ZONE

THANKS!

