The Office of Energy and Environment

University Senate
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Dedicated to advancing education, research and innovation for **energy and the environment**, emphasizing how those needs can be met sustainably.

- Support **researchers** to advance Ohio State's role in solving global energy issues.
- Provide **students** opportunities to engage in energy and environment issues.
- Connect Ohio State resources with **policymakers**.
- Enhance the **public awareness** of energy and environment research and education.
- Improve resource management policies for a **sustainable campus**.
OEE supports faculty and catalyzes research

- Promote and maintain **clearinghouse of Ohio State E&E researchers**
- Expand **relationships with key energy corporations, NGOS, and trade associations**
- Increase traditional and non-traditional **research funding** in key energy and related environmental disciplines
- Promote Ohio State’s **younger/emerging faculty researchers**
- Grow relationship with **Ohio State Advancement** in key energy and environment
- **Partner with Industry Liaison Office** on deepening business relationship
- Link to **Ohio State facilities**, “campus as a test bed”
OEE supports faculty and catalyzes research
Increase research and nontraditional funding through focus on six interdisciplinary areas, with strong faculty leadership in each.

- Shale Energy
- Sustainable Mobility
- Water
- *Electricity Systems/Smart Grid*
- *Sustainable Utilization of Greenhouse Gases*
- *Sustainability Science and Engineering Systems*

*New faculty hires coming via Discovery Theme Initiative*
OEE supports students

- Increase competitive position of Ohio State student-led research teams in national competitions
- SUN - Sustainable University Network: 90 student organizations
- Provide targeted student funding assistance for scholarships, research and travel
- Partner with Ohio Energy Project, focused on K-12
- Promote energy, environment and sustainability awareness for students through co-curricular and extra-curricular programs
- Support faculty curricular efforts
- Help students find E&E jobs
- Teach capstone classes
OEE connects Ohio State to policymakers

- Manage/partner in campus visits by elected officials
  - U.S. Senator Rob Portman, Energy Roundtable, 2014
  - State Sen. Troy Balderson, Chair, Energy and Natural Resources Comm., 2013
  - Congressional Staff E&E Campus tours, 2013, 2014
  - Dr. Lonnie and Ellen Mosley-Thompson: Ohio General Assembly members, 2013
  - President Obama visit to Ohio State on energy policy, 2012

- Use Ohio State experts to provide **education on key issues** being debated in Ohio General Assembly

- Present **Educational Forums** in Congress on key topics
OEE helps Ohio State reach out

- Bring one high-level E&E speaker to campus each semester
  - Partnering on many events Spring Semester to celebrate “Earth Month”
    - Jared Diamond (Guns, Germs and Steel)
    - Joel Sartore (National Geographic)
    - Chad Pregracke (CNN Hero of the Year)
- Tours, conferences and workshops for 5,100+ industry and academic attendees
- Annual visits by 1,000+ pre-college students and teachers
OEE makes campus more sustainable

• President and Provost’s **Council on Sustainability**
• Ohio State **Sustainability Fund** - $3.6 M invested since 2011 bringing nearly **$1 million in annual cost savings**
• **50 MW of wind energy** capacity from Iberdrola Renewables
• **Zero Waste** at Ohio Stadium, Schottenstein Center, Marion Campus
• Howlett Hall **Green Roof, enCORE House**
• Energy procurement

Our campuses present opportunities to engage with key partners that could provide significant levels of discretionary funding