



# 2020 ESI Update & Recognitions

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SEPTEMBER 24, 2020



# Co-Workers

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# History of P2

<https://www.epa.gov/p2/pollution-prevention-timeline>

https://www.epa.gov/p2/pollution-prevention-timeline

- Pollution Prevention Home
- Learn about P2
- Pollution Prevention Law
- Grants
- Measuring P2
- Resources for Businesses
- Tools and Calculators
- What You Can Do
- Case Studies
- Additional P2 Resources

## Pollution Prevention Timeline

1983  
North Carolina established the first pollution prevention program, called, "Pollution Prevention Pays."



1985  
Woods Hole Pollution Prevention Conference, Woods Hole, Massachusetts.

30 YEARS OF THE POLLUTION PREVENTION ACT

States have been key early laboratories of innovation and leadership in P2. The current national P2 program was built on the early state-level P2 initiatives and programs.



# Pivoting

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- Website ([ncesi.org](https://ncesi.org))
- Training
- Networking
- Assistance – Teams, WebEx, GoToWebinar



COVID-19 · Resources, information and assistance from across state government. [Visit the Information Hub](#)

Home ▾ About ▾ [Divisions](#) ▾ [Environmental Stewardship](#) ▾ [Environmental Stewardship](#) ▾ NC Environmental Stewardship Initiative

# NC Environmental Stewardship Initiative

DEQ's Environmental Stewardship Initiative is designed to promote and encourage superior environmental performance in North Carolina. This voluntary program is available at no cost to our members. It provides technical assistance and networking opportunities to stimulate the development and implementation of programs that use pollution prevention and innovative approaches to meet and go beyond regulatory requirements.

The ESI has [three levels](#) of participation. Joining is easy! Learn more about the ESI by [reading the ESI brochure](#) or the [annual report](#).



**About ESI**  
Learn about the Environmental Stewardship Initiative

**ESI Membership**  
Find out how to apply for membership into the ESI

**ESI Events**  
Learn more about ESI events and the ESI annual conference



**Learn More**

- [Zero Waste](#) →
- [Environmental Management Systems](#) →

Website (ncesi.org)





# ESI Events

## ESI Events Page

aka where to find the Conference Info 😊



**ESI Annual Conference**  
 Learn about this year's annual conference and see archived presentations from previous conferences



**Hazardous Materials Roundtables**  
 Learn about upcoming events and see presentations from past roundtables



**Energy Management Series**  
 Watch the latest in the Energy Efficiency Series



**Environmental Management System Training**  
 Learn about EMS training and other resources for your business or organization



**ESI Networking Events**  
 Learn about upcoming events and see presentations from past Environmental Benchmarking Series events



**Other ESI Events and Resources**  
 Learn about upcoming webinars and other events, and view past presentations and recordings





Join the ESI team online to celebrate the 30th anniversary of the Pollution Prevention Act by spending P2 Week learning from ESI members and DEQ staff. The 2020 Virtual ESI Conference is open at no cost to ESI members and others who are interested.

[Register](#) for all sessions with a single entry

View the final [agenda](#).

# 2020 Conference!

## – 2020 ESI Annual Conference September 21-24, 2020

[Agenda](#)

### Sept. 21 – Morning Session

Recording: <https://youtu.be/F5OKAi1T7sQ>

- What are DEACS & ESI: Marcia Allocco, DEACS Environmental Assistance Section Chief and Angela Barger, ESI Manager ([PDF](#))
- New Steward Presentation – Eaton – Asheville: Ichaya Dhungel, EHS Manager ([PDF](#))

### Sept. 21 – Afternoon Session

Recording: [https://youtu.be/ONHH\\_LRVLO4](https://youtu.be/ONHH_LRVLO4)

- Permit Transformation Project Update: Jamie Ragan, DEACS Division Director ([PDF](#))
- New Steward Presentation – Pfizer – Sanford: Sustainability Initiative & EMS Team ([PDF](#))





# Training Available to ESI Members

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EMS Module Series –

Condensed version

In Person (small group so social distancing can occur)

Begins Oct 21

Email for more info: [esi@ncdenr.gov](mailto:esi@ncdenr.gov)

Internal Auditor –

upon request



# Assistance

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- Available Technology
- Paperwork Audits
- Virtual Assessments

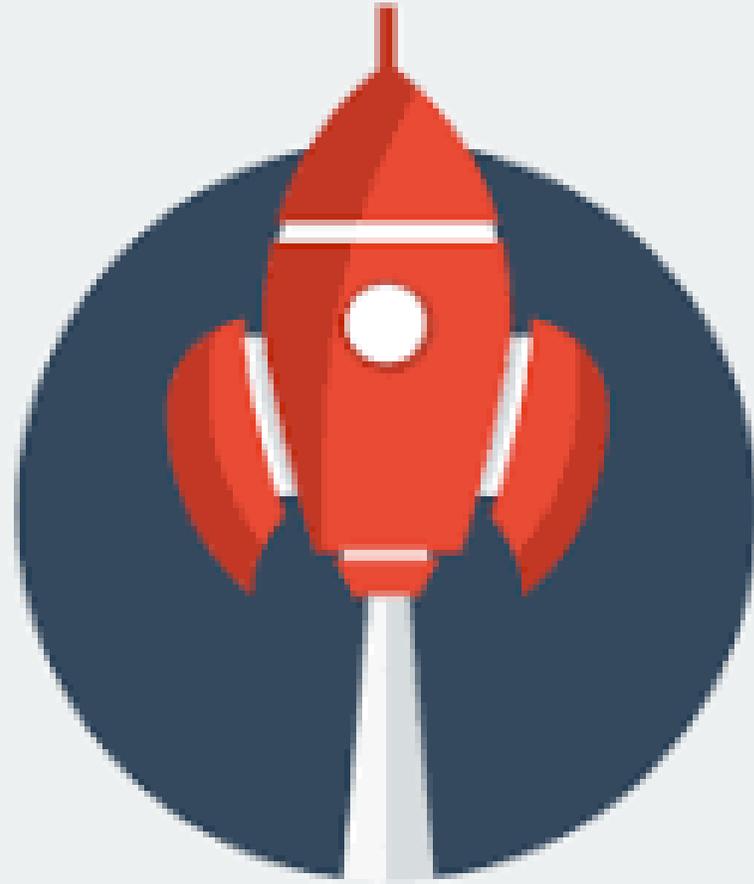


# Applications and Annual Reports

2019 ESI MEMBERS REPORTED RESULTS		
REDUCTIONS	Air Emissions	247 Tons
	Greenhouse Gas Emissions*	24,190 Metric Tons CO <sub>2</sub> e
	Hazardous waste	158 Tons
	Landfilled waste	988 Tons
	Energy	847,583 mmBtu
	Water Use	1,052,916,723 Gallons
	Material Consumption	1,749 Tons
	Wastewater Pollutants	399,871 Tons
	Wastewater Volume	3,632,451,983 Gallons
REUSE	Biomass Recovery**	77,939 Tons
	Total Recycled Volume	189,404 Tons
<b>TOTAL COST SAVINGS \$ 11,331,947</b>		

\*Indirect not reported in energy reductions

\*\*Category created for compost/mulch related goals



**COMING SOON**




# CERTIFICATE OF RECOGNITION

This Certificate is presented to

## Unilever

In recognition of its commitment to improved environmental performance as an

### Environmental Partner

by the Department of Environmental Quality's  
Environmental Stewardship Initiative.

September 24, 2020

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Michael Regan  
DEQ Secretary



Welcome New Partners!



Congratulations New  
Rising Steward!





In appreciation of 5 years of  
Environmental Leadership  
and Contributions to the  
NC Environmental  
Stewardship Initiative at the  
Steward level

2019  
WHITE OAK

Congratulations to our 5-year Steward Renewals!

TE Connectivity – Pegg Road

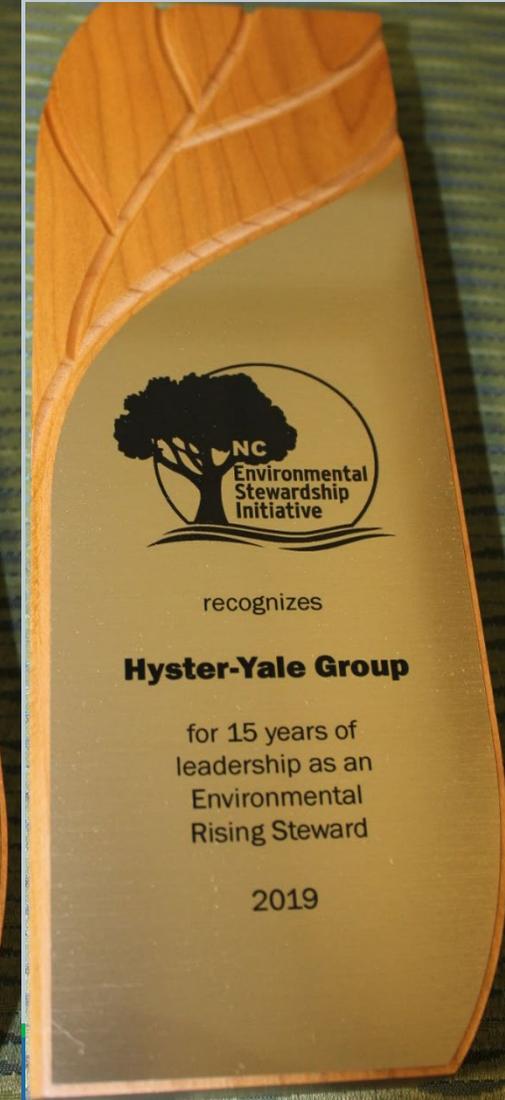
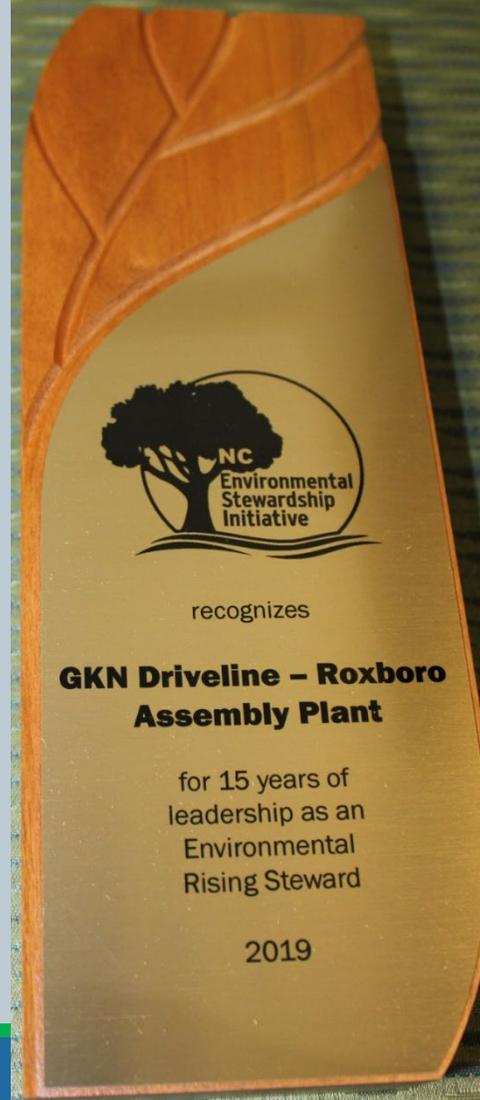
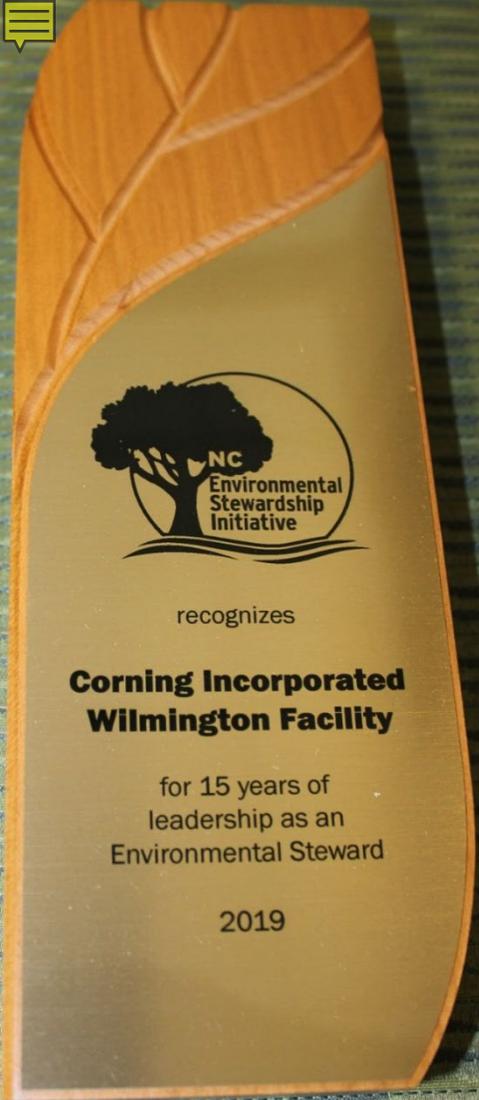
U.S. Environmental Protection Agency at Research Triangle Park, NC





Congratulations  
10-yr Renewals!





Congratulations 15-year Renewals!





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Thank You!

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