VIP Reception Sponsor

STEWART
STRONGER BY DESIGN
Table Sponsors

Town of Cary

Electricities of North Carolina, Inc.

PowerSecure

Research Triangle Park
RTCC Directors

ABB
CHATHAM PARK
Cisco
Duke Energy
Duke Energy Initiative
Honeywell
Itron
NC State University
Power Secure
RTI International
Sensus
Trilliant
The University of North Carolina at Chapel Hill
RTCC Members

3DFS • Appalachian State University • Building Clarity • Cherokee Investment Partners
City of Raleigh • City of Wilson • DNA Group • Duke University • E4 Carolinas • Enpira
EnviroLink • Field2Base • FREEDM Systems Center • IBI Group • KoolBridge Solar • MeterSYS
NC Clean Energy Technology Center • NCSU Office of Partnerships and Economic Development
Opendatasoft • PowerAmerica • Power Analytics Corporation • Power Systems Consultants
Real-Time Innovations • Research Triangle Foundation • RIoT • ScottMadden • Tantalus
TE Connectivity • TimelyText • Town of Benson • Town of Cary • Triangle MicroWorks
UNC Charlotte EPIC • UNC Institute for the Environment • Utility Metering Solutions (UMS)
Wake County Economic Development • Windlift • Wireless Research Center of NC
Regional Cleantech Growth

- Fastest-Growing Targeted Cluster in RTP
- #1 Cleantech Patents per Million Residents
- 13,000+ Jobs Created Since 2009
- 1,859 Cleantech Companies
- 24.4% Growth Rate

Cleantech Companies: 1,859
Jobs Created: 13,000+
Growth Rate: 24.4%
Patents per Million Residents: #1
Fastest-Growing Cluster: RTP

reseaurchtrianglecleantech.org | nccleantechcorridor.org | @Tricleantech
Program of Work

- Business Growth & Economic Development
- Regional & Global Marketing
- Community & Industry Engagement
- Talent Attraction & Development
Public Sector and University Members

[Logos of various universities and organizations]
NORTH CAROLINA
A Global Leader
In Smart Cities Innovation

Presented By

RESEARCH TRIANGLE CLEANTECH CLUSTER

Smart City Delegation

AURTRA
BUILDING CLARITY

researchtrianglecleantech.org | nccleantechcorridor.org | @Tricleantech
Global Industrial Company ABB Selects Orange County for Major Expansion

Company will create more than 400 jobs and invest up to $39.9 million in Mebane

Reign

Jul 10, 2019

ABB, Inc. (NYSE: ABB), a global leader in electrification products, robotics, and industrial automation, will expand in Orange County and create more than 400 jobs, Governor Roy Cooper announced today. The company will invest up to $39.9 million to upgrade equipment and increase the size of its current facility in Mebane.

"Companies like ABB expanding their manufacturing operations means jobs and investment that benefit communities well beyond the walls of its facility," said Governor Cooper. "North Carolina will work to grow our education programs and improve workforce preparation so that companies continue to choose to grow and invest across our state."
Fireside Chat: Transformation Through Collaboration

Rushad Nanavatty
Principal, City Renewables Accelerator

Coleen Norheim
Sr Director, Sustainability & Resource Management
CLEANTECH INNOVATION AWARDS

» 2019 ANNUAL MEETING
James Amato
Strategy and Business Development Manager
Water Innovation Award

Presented by:

- Electric Power Research Institute
- Gannett Fleming
- GreenStream
- Itron
- WithersRavenel

- Paste Encapsulation Technology for Wastewater Management
- Adaptive Mixing Technologies to Optimize Wastewater Treatment Plant in Clayton, NC
- GreenStream Regional Stormwater Sensing Project
- Improving Water Utilities in Fuquay Varina, NC
- Project Axis: Brownfield Redevelopment in Garner, NC
Water Innovation Award

Presented by:

Partners
- Novo Nordisk
- Town of Clayton
- Johnson County
- Xylem (technology partner)
- NCDEQ, Division of Water Resources

Gannett Fleming
Transportation Innovation Award

- Battery-Electric Bus Fleet
- NCDoT Drone Use for Medical Delivery
- RDU Airport Battery-Electric Bus Fleet
- Transit Technology

Presented by: ABB

[Images and logos of various transportation-related entities]
Transportation Innovation Award

Partners
- UPS
- Matternet
- WakeMed Health & Hospitals
- Airmap
- Fortem Technologies
Grid Innovation Award

Presented by:

Partners
- Bloom Energy (Fuel Cell)
- Volvo (Tier 4 Final Ultra-clean Diesel Engines)
- Samsung (E2 Batteries)
- EPC Power (Inverters)
- Dynapower (PV Inverter)
Cleantech Talent Initiative Award

Presented by:

ABB
LEAD Early Career Program

FREEDOM SYSTEMS CENTER
Education and Outreach Program

NC CLEAN ENERGY TECHNOLOGY CENTER
Clean Energy Technology Training Program

NC Electric Cooperatives
Powering the Future program with Athens Drive High School STEM Academy

Itron
Conservation Station with Discovery Education

STEM Outreach and Education Programs

UNC INSTITUTE FOR THE ENVIRONMENT
NC Energy Literacy Fellows Program

RESEARCH TRIANGLE CLEANTECH CLUSTER
Transformation Through Collaboration
Cleantech Talent Initiative Award

Partners
- RTI
- EPA
- Duke Energy
- Cisco
- NCSU
- SAS
- Cree

Individual volunteers from:
- UNC
- Trilliant
- FREEDM Systems Center
Diversity in Cleantech Award

Women in Clean Energy Initiative

Employee Resource Group Initiative

Community Engagement & STEM Education Program
Diversity in Cleantech Award

Partners
- STEM RTP
- Citizen Schools (National Program)
- East Durham Children's Initiative
- Project Lead the Way (National)
- NC Science Festival
- Durham County Schools & DPS Foundation
- Wake County Schools & Wake Ed Partnership
- NCSU Kenan Fellow Program for Teacher Leadership
- RTCC Talent Action Committee
Cleantech Impact Award

Presented by: CHEMISTRY ENERGY

Partners
- Orange County local government
- Orange County Economic Development
- City of Mebane, NC Department of Commerce
- Economic Development Partnership of North Carolina
Cleantech Community Award

Presented by: Itron

- City of Durham
- PWC Fayetteville’s Hometown Utility
- Don’t Waste Durham
- Innovate Durham
- Durham County

- Smart Building Analytics Deployed on General Services Building
- Fayetteville PWC Community Solar Project
- GreenToGo Reusable Products to Reduce Food Waste
- Connects Startups to Local Government
Cleantech Community Award

Presented by:

Partners
- NC Clean Energy Technology Center
Cleantech Champion Award

Presented by: Trilliant

Nicole Raimundo
Town of Cary
Lifetime Achievement Award

Solar Development Local Impact
Lifetime Achievement Award

Stephen Kalland: Executive Director of NC Clean Energy Technology Center
Gary Rackliffe
VP of Smart Grids, North America

ABB
2020 Opportunities

- NC Cleantech Corridor
- Jan. 28 – 30, 2020 – DistribuTECH, San Antonio
- April 6 – 9, 2020 – EPRI Electrification Conference, Charlotte
- April 6 – 9, 2020 – Smart Cities Connect, Denver
CLEANTECH INNOVATION AWARDS

» 2019 ANNUAL MEETING