Key Environmental Consulting

2025 Snapshot

Our mission *is to provide high-quality scientific, technical, and administrative services to support sustainable solutions and informed decision-making in environmental and resource management.*

Key Environmental Consulting
The "Key" to EJ

2025 Projects & Wins





01 SmartSurfaces Project
CleanAIRE NC

02 Durham County Food Assessment

03 Region 3 Thriving Communities Grant
Program Technical Assistance Provider

04 Charlotte On-Call Sustainability
Services

2025 Projects & Wins





05 City of Jacksonville Downtown Transfer Station Field Work

06 Case Study & Report Development on Frontline Workforce Development in Equitable Building Electrification

Project Snapshots

Smart Surfaces Technical Report with CleanAIRE NC

Effective Heat Mitigation & Prevention Strategies

According to Healthcare Providers

Several healthcare providers, including various doctors, nurses, doulas, lactation consultants, and other professionals provided their professional insight and recommendations to patients and other community members dealing with extreme heat.



21.4% advocated for more green solutions.

Green solutions

Many respondents advocated for more green spaces, suggesting that industrial areas with fewer tree canopies are most vulnerable to extreme heat.

"We need to plant more trees."

"It would be great to have more green spaces in urban areas."



39.3% suggested a lack of education and outreach leads to heat-related illnesses.

Outreach & Education

Professionals explained that a lack of education and outreach to the community is one of the main causes for heat-related illnesses.

"People don't take heat seriously until it is too late."

"There are always gaps in information when it comes to pregnant people."

"Educate people on what heat can do."



39.3% suggested access to cooling centers will mitigate heat impacts.

Cooling centers & systems

Along with education and outreach, access to cooling centers was the most recurring response from healthcare providers when discussing effective solutions to mitigating heat impacts.

"There should be cooling centers for extreme heat. With a medical professional present."

"Ensuring accessible cooling centers, like libraries, churches, and malls."

**Out of 28 responses*



National Environmental Policy Act Project
Jacksonville, NC

Collectrify
A frontline-led energy fund

Case Study & Report Development on Frontline Workforce Development in Equitable Building Electrification

Project Snapshots

Durham County Food Environment Assessment and Strategic Plan

NC COOPERATIVE EXTENSION | DURHAM COUNTY DCO NC 1881

Cooperative Extension

CITY OF CHARLOTTE

On-Call Sustainability Services for the Strategic Energy Action Plan+

EPA Region 3 Thriving Communities Grantmaking Program Technical Assistance Provider

Thriving Communities Grantmaking Program EPA Region 3

Company Networking & Events



Speak Easy, Speak Free, Peoples Hearing
Greensboro, NC



Sustainability Speed Networking & Panel Event
Charlotte, NC



Charlotte Sustainability Summit
Charlotte, NC

Company Networking & Events



Client Career Fair and Solar Festival
Roanoke Rapids, NC



Benefits of Renewable Energy in Rural Communities Presentation
Roanoke Rapids, NC



Southeast Environmental Justice Summit
Atlanta, GA

Additional Information



Current/Pending Proposals

- CRTPO (Subcontractor)
- CRTPO-Public Involvement
- NC Dept. of Public Safety Army National Guard GIS
- National Cooperative Highway Research Program
- Charlotte's Housing Trust Fund Communities

Areas/Issues Addressed

- Air Quality
- Water Quality
- Agriculture
- Food Insecurity
- Transportation
- Energy Use
- Technical Assistance
- Sustainability
- Building/Housing Initiatives
- Capacity Building

Other Notable Accomplishments

- Collaboration with the HBCU Environmental Justice Technical Collaborative (HEJTC)
- Subcontract win for Strategic Initiatives and Program Support with the NCDOT
- Appointment to CleanAIRE NC's Board of Directors
- Appointment to National Working Group on Hospital Energy Equity