

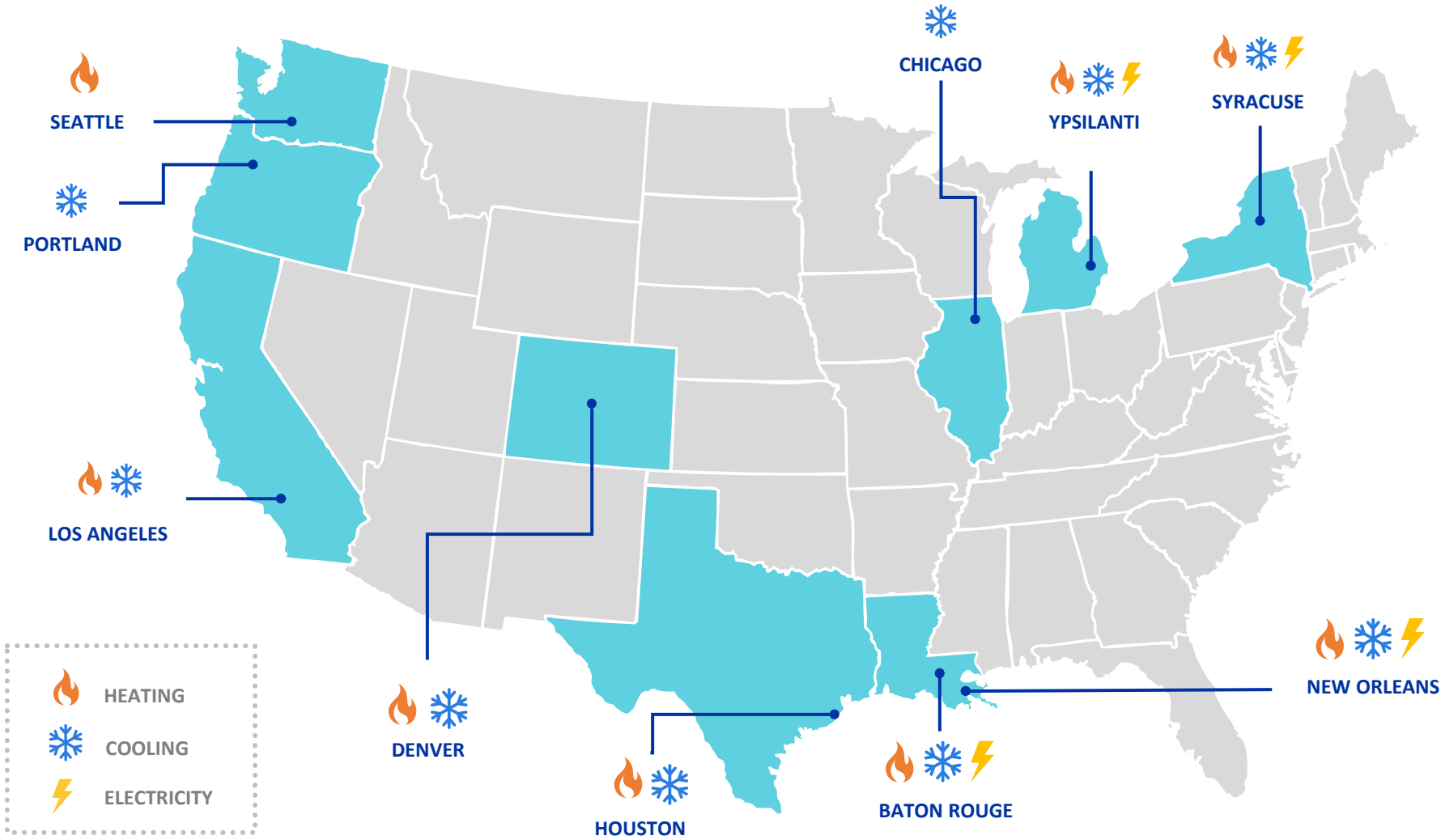
**Supercritical CO₂
Power Cycles
Symposium**

Centrio District Energy as a
Case Study

▶ February 26, 2024

SERGIO GRADO
Business Development Director

CENTRIO SYSTEMS



BY THE NUMBERS



200+
Employees



370+
Customers



140+ msqft
Served



660 kton
Cooling



1,300 kpph
heating

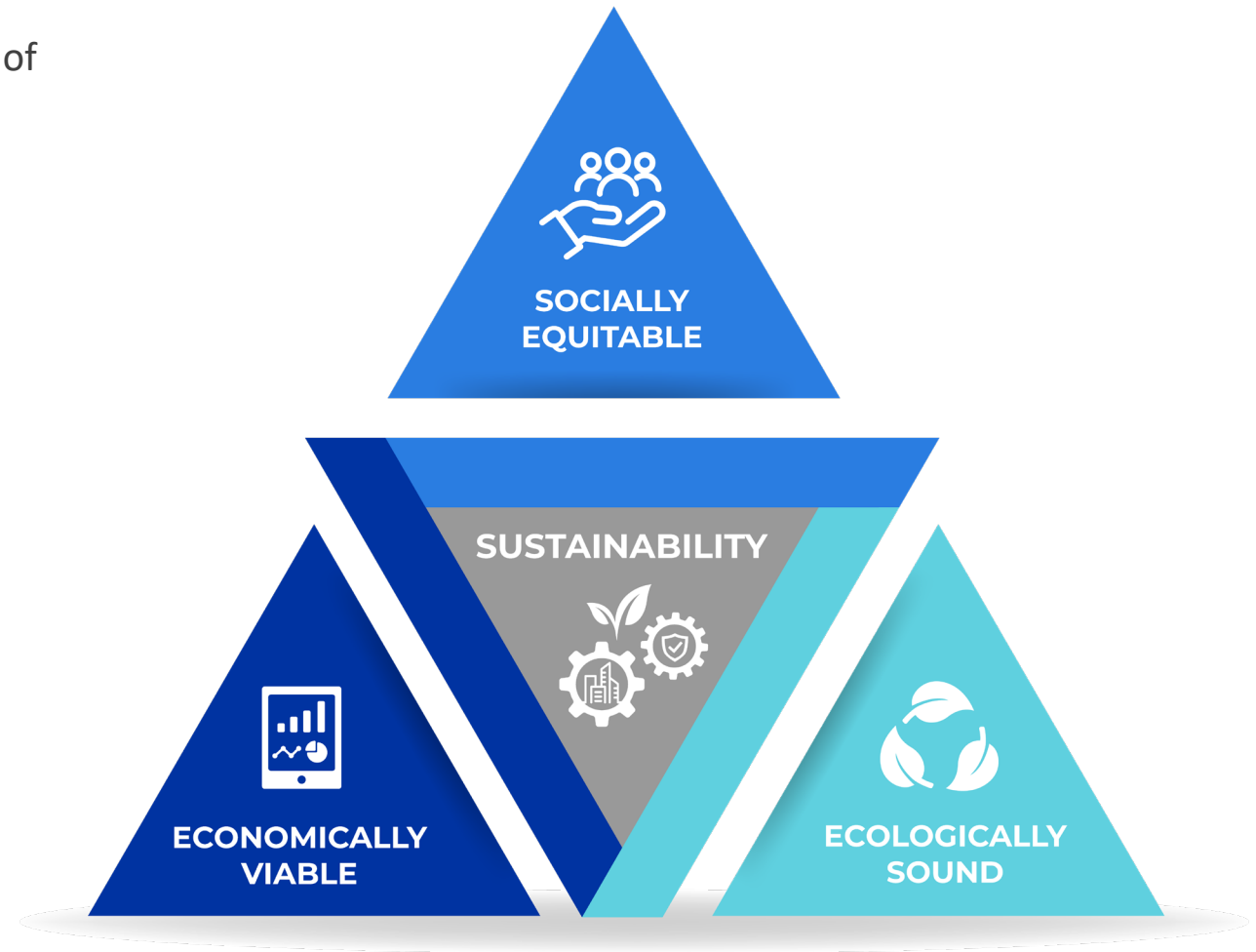
SUSTAINABILITY & INFRASTRUCTURE

Multidisciplinary Way of Thinking

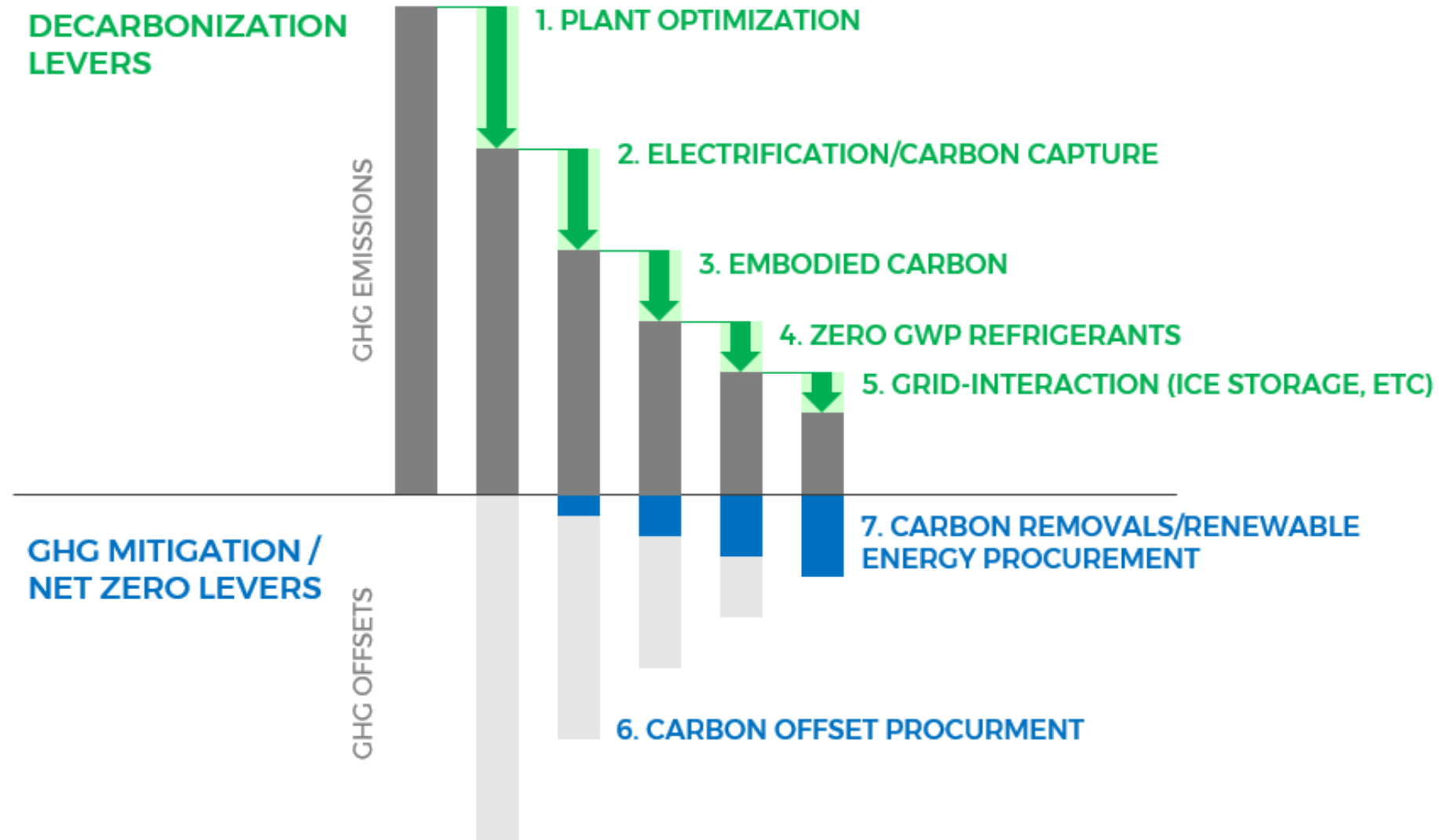
- Approaching solutions in a way that incorporates an ethic of environmental care, social equity, and financial responsibility.

Shared Sustainability Goals & Objectives

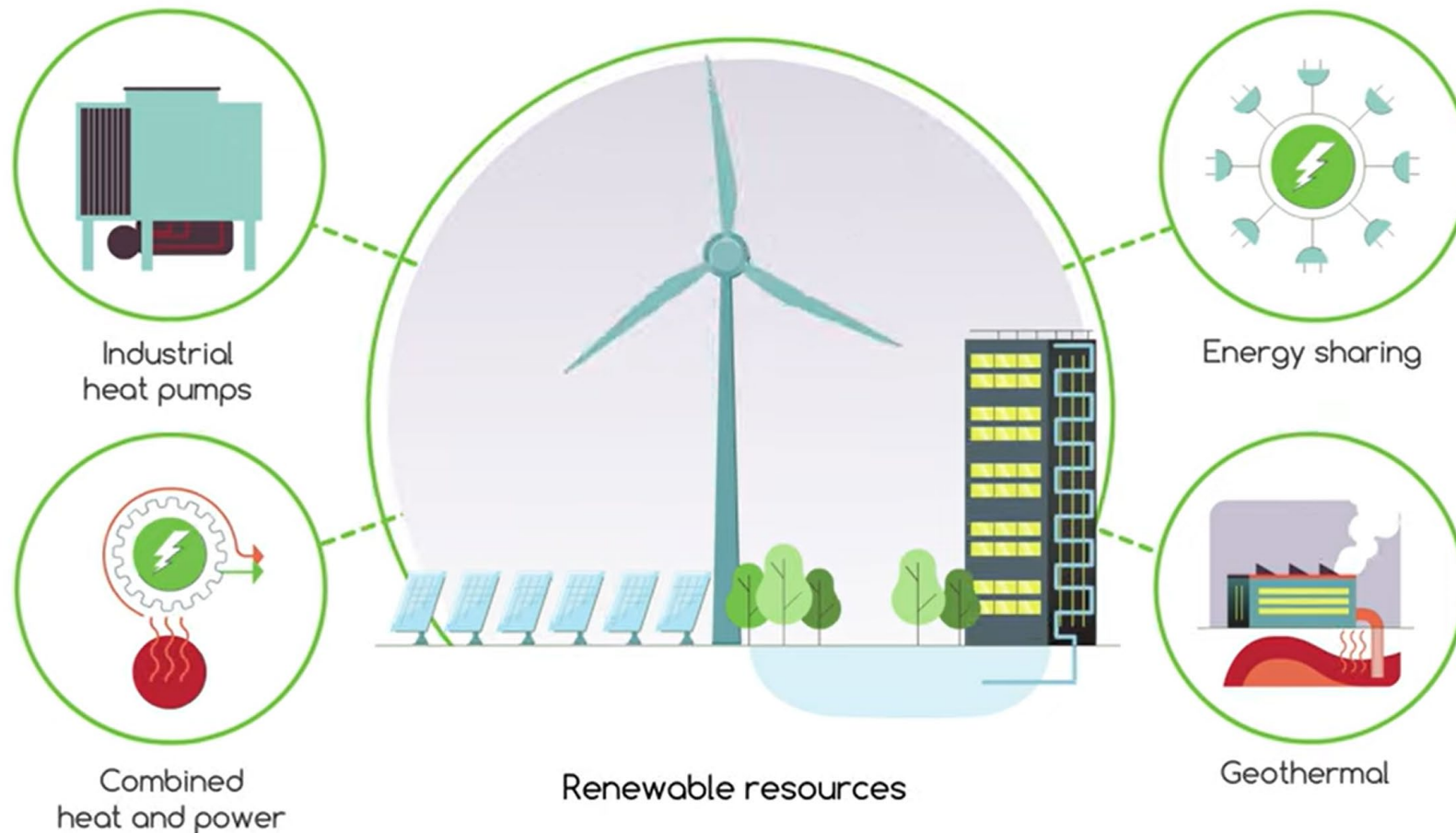
- Permanent & Significant Carbon Reduction
- Permanent & Significant Operational Savings
- Reduced Environmental Reporting Requirements
- Increased opportunity for future low carbon technologies
- Diversity, Equity, and Inclusion (DEI)
- Community Benefit
- Educational Benefit



LOW/NO CARBON SYSTEM LEVERS



DECARBONIZATION OPPORTUNITIES WITHIN CENTRIO



HOUSTON UNION AND ALLEN CENTER STATIONS



NET ZERO ENERGY GOAL BY 2040

Challenges

- Electrification of fossil fueled equipment
- Adoption of more energy efficient equipment
- Customer cost control
- Climate mandated goals

Resources

- Government funding (DOE grants, IRA funds)
- Community incentives and involvement
- Industry partnerships
- Product innovation (Co2 heat pumps)



Meghan Riesterer, Chief Sustainability Officer, holds the Global Climate Award



Centrio

**INNOVATIVE ENERGY.
SUSTAINABLE SOLUTIONS.**



Sergio Grado
Business Development Director
Sergio.Grado@centrioenergy.com

centrioenergy.com