



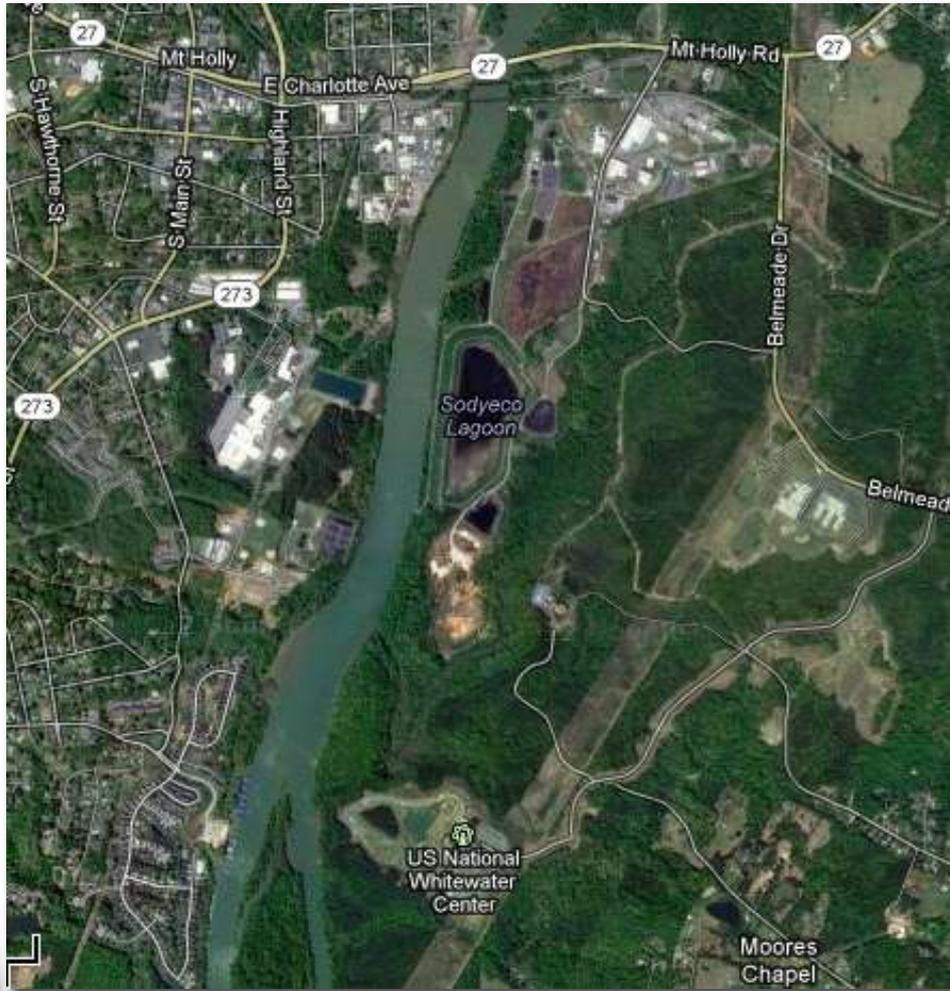
# ReVenture Park™

CHARLOTTE'S FIRST ECO-INDUSTRIAL PARK

## US Eco-Industrial Park/Development Networking Event Deven, MA

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# ReVenture Park, Charlotte NC



# About ReVenture Park

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- During the financial crisis, recognized the emergence of the 'clean energy economy' and the growing support for sustainability-related services
- Acquired a 667-acre former textile dye plant that was listed as a Superfund site
- Existing infrastructure ideal for renewable energy project development
- Potential to unlock a variety of non-traditional value creation opportunities
- One of the largest Eco-Industrial Park's currently being developed in the U.S.

# Master Plan

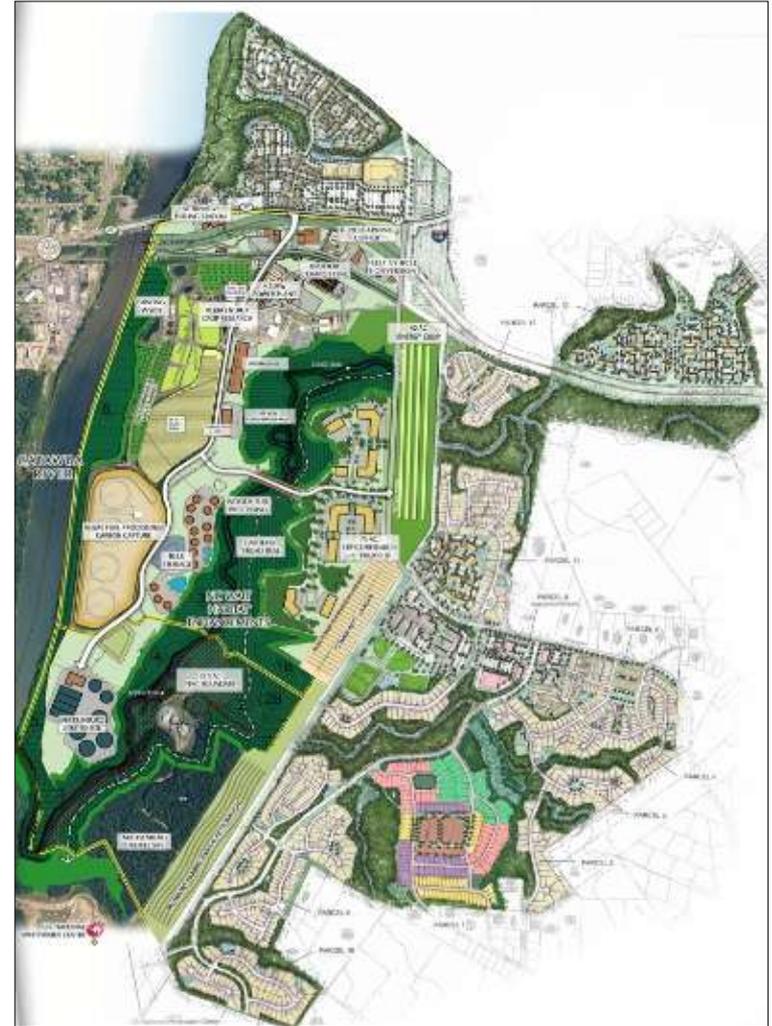
- ReVenture Park is becoming a national model for transforming the rusty relics of our manufacturing and industrial past into thriving Eco-Industrial Parks
- The EPA estimates there are 15 million acres of similarly situated sites in the U.S.



# Eco-District Master Plan

An additional 578 acres that wraps the site will include a mix of residential, retail, office and industrial space.

The Eco-District vision is to create a community where sustainability is ingrained into people's lifestyles and is part of the fabric of the community.



# Making ReVenture Economically Viable

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- Secured special legislation (SB886) which included a 3x REC multiplier for the first 20 MWs developed on the site
- Worked extensively with EPA Region 4 and HQ to have the property delisted from Superfund
- Final stages of a Brownfield agreement with NCDENR
- Conservation Easement Tax Credits
- Monetizing existing waste water permit nutrient allocation (\$6MM)
- Selling 185 acres to the City of Charlotte for a new \$200MM WWTP
- Selective demolition to capture metal commodity value
- Sale of excess chemical process equipment and specialized tanks
- PPA signed to support development of 4.5MW biomass plant, economically viable due to SB 886
- Executing leases on existing buildings

# ReVenture Park

## Current Clean Energy Projects

- 4.5 MW biomass combined heat and power plant (CHP)
- Algae transportation fuel R&D
- Industrial recycling process
- Biomass fuel processing
- Cold storage (waste heat utilization)
- Anaerobic digestion power project
- Energy crop growth on marginal unused land
- Algae biomass fuel R&D
- 5.4 MW solar project
- Multiple recycling projects
- Indoor in-vessel composting



# Multiple Closed Loop Opportunities

