



South Carolina
Department of Commerce

Just right for business.

SC Recycling Market Development

South Carolina
Just  **right.**

What Is Recycling Market Development?



Set up under Section 13-1-380 of the SC Code under the Dept of Commerce. Funded by the DHEC Solid Waste Trust Fund.

RECYCLING MARKET DEVELOPMENT

- Stimulate demand for recyclable materials and recycled content products.
- Take action to create new markets or expand existing markets.
- Foster recycling industry from collection to processing and those that manufacture and market recycled-content products.

RECYCLING IMPACT: \$13B; over 300 companies

Recycling Market Development Program



SC Recycling Industry Locations

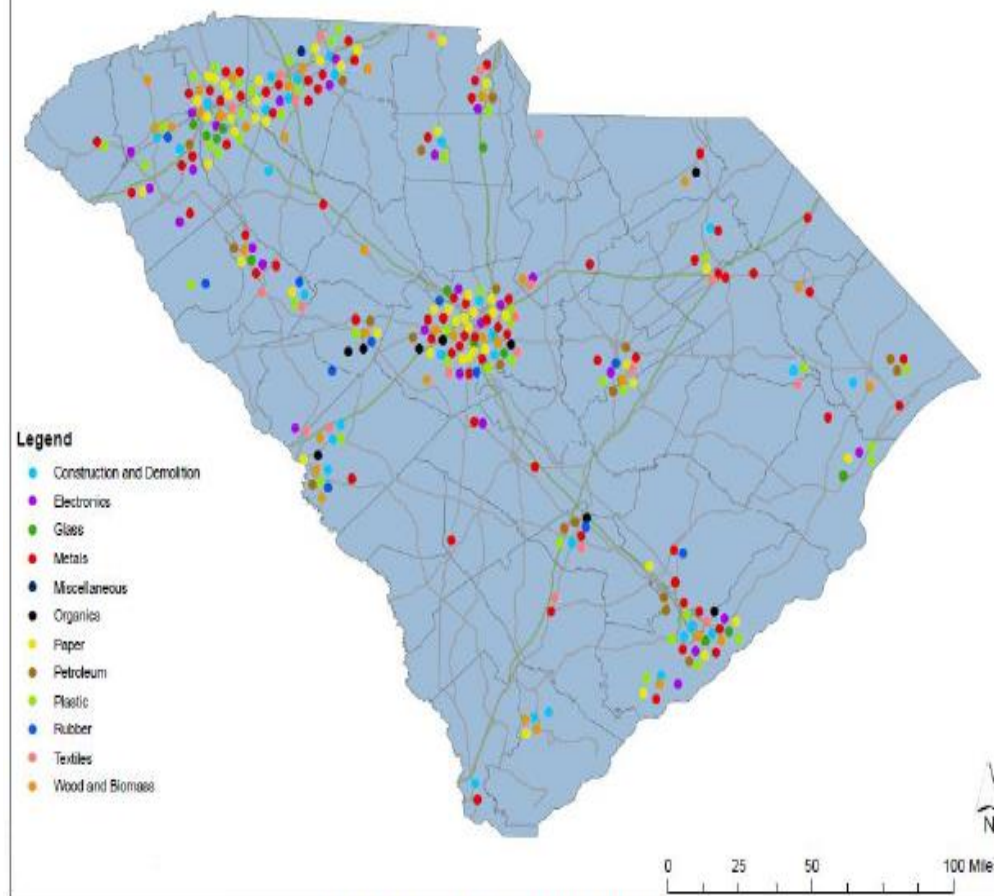


Figure 8: South Carolina Recycling Industry Locations

WHAT WE DO

- Work with Commerce Global Business Development to recruit/assist with expansion
- Recycling markets directory
- Technical assistance, marketing services
- Website
- Education and Outreach
- Studies
- Existing and emerging markets
- Economic impact
- One-on-one connections and materials management consultation
- Matchmaker/Stakeholder meetings
- Networking meetings



International Investment

Announced Foreign Investment (2011 - YTD)

\$16.9 Billion
38,000+ Jobs
32 Countries



- More than 1,200 international operations in SC
- More than 133,000 employees



Recycling Investments



RECYCLING INVESTMENT PAST FIVE YEARS

- **\$1.5B Capital Investment**
- **2,667 Jobs**
- **40 Companies**

Name	Recycle	Investment	Jobs
Ecomelida	Cartons	\$52,000,000	200
Evanesce Packaging Solutions	Compostable packaging products	\$70,000,000	368
GreenTech Solution	Scrap metal, electronics and plastics	\$75,000,000	200
Green Energy Biofuel	Biodiesel from used cooking oil	\$4,600,000	50
JW Aluminum	Recycled aluminum flat rolled mill	\$255,000,000	50
KapStone Paper and Packaging Corporation	Recycled linerboard and medium (cardboard)	\$6,000,000	
Ridgeland Pellet	Biomass fuel pellets	\$8,100,000	27
Confidential		\$40,600,000	60
TOTAL = 8 COMPANIES		\$511,300,000.00	955

China Sword



2018: 2 INVESTMENTS FROM CHINESE COMPANIES IN SC

- GreenTech Solutions – e-waste
- Ecomelida – LDPE film, cartons, dry pulp
- \$120 MM total

TARIFF AND NON-TARIFF ISSUES

- High risk, uncertainty due to tariffs
- Higher duties
- Hard to get visas for skilled workers
- Market conditions fluctuating
- Lack of familiarity with how we do business in US; regulations



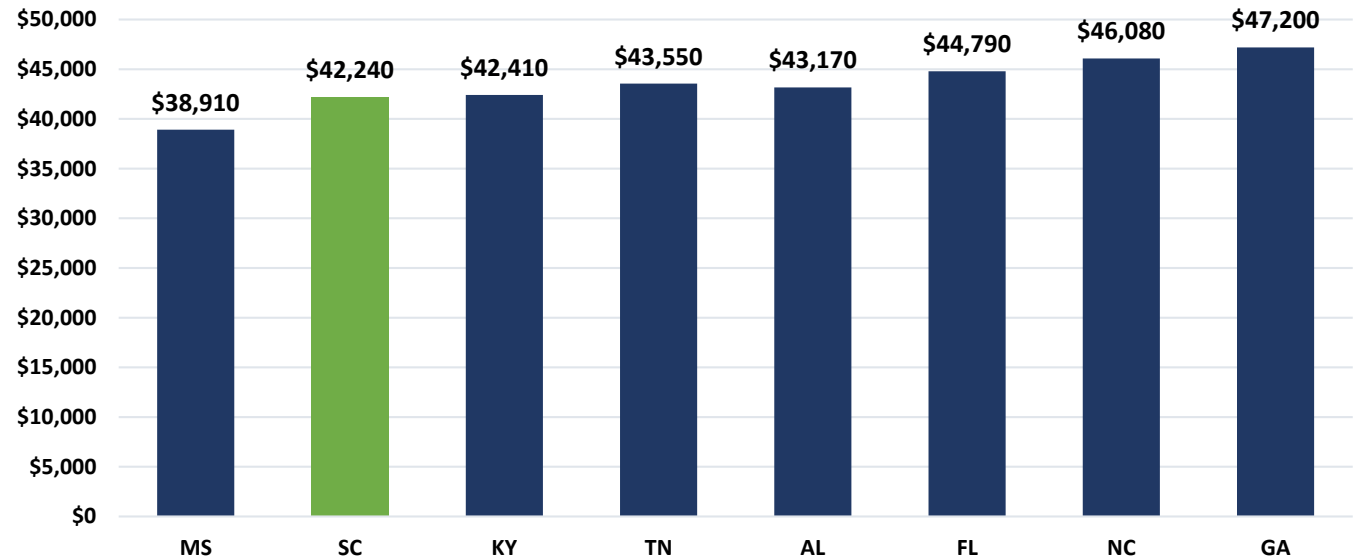
Operating Costs

South Carolina is ranked as a top state for doing business.

- 1st Business Incentive Programs
- 2nd Cooperative & Responsive State Government
- 2nd Favorable Regulatory Environment
- 2nd Top States for Doing Business
- 2nd Cost of Doing Business
- 3rd Speed of Permitting
- 3rd Shovel-Ready Sites Program
- 3rd Competitive Labor Environment

Source: Area Development Magazine, Fall 2017

Annual Wages in Southeastern States



Source: BLS OES May 2017

Industrial electricity costs are 12% less than the national average.

Source: U.S. Energy Information Administration, 2017 YTD Average.

The Cost of Living in South Carolina is 12% less than the national average.

Source: SCDOC Cost of Living Index

Construction costs are 11% less than the national average.

Source: Marshall Valuation Service, January 2018



Defined



ACTIONS TO ENHANCE THE ECONOMIC VITALITY OF THE REUSE/RECYCLING INDUSTRIES.

- **Supply:** Activities to increase volume, dependability, & quality of recovered feedstock.
 - **Your Bottle Means Jobs** – if every household in the Carolinas recycled two more bottles a week, we could create 300 local jobs
 - **Don't Waste Food SC** – reduce food waste by 50% by 2030
- **Demand:** Stimulating demand for recyclable materials & recycled content products.
 - Taking action to create **new** markets or expand **existing** markets.
 - Carpet, tires, cartons, e-waste, mixed rigid plastics, films
 - EPP and green purchasing
 - Fostering businesses that manufacture & market recycled-content products.
 - **Connection, connection, connection**



Incentives

Statutory:

Corporate Income Tax Credits

- Jobs Tax Credits
- Investment Tax Credit
- Research & Development Tax Credit
- Port Volume Increase Tax Credit
- Corporate Income Tax Moratorium

Sales & Use Tax Incentives & Exemptions

Discretionary

Fee-in-Lieu of Property Taxes (FILOT)

Job Development Credit

Retraining Funds for Existing Industry



Global Brands in SC



SAMSUNG

FUJIFILM



Google

'TORAY'
Innovation by Chemistry



HONDA



amazon



BOSCH
Invented for life

BRIDGESTONE



Workforce Training



RECRUITMENT | TRAINING

TRAINING SITE | TRAIN THE TRAINER

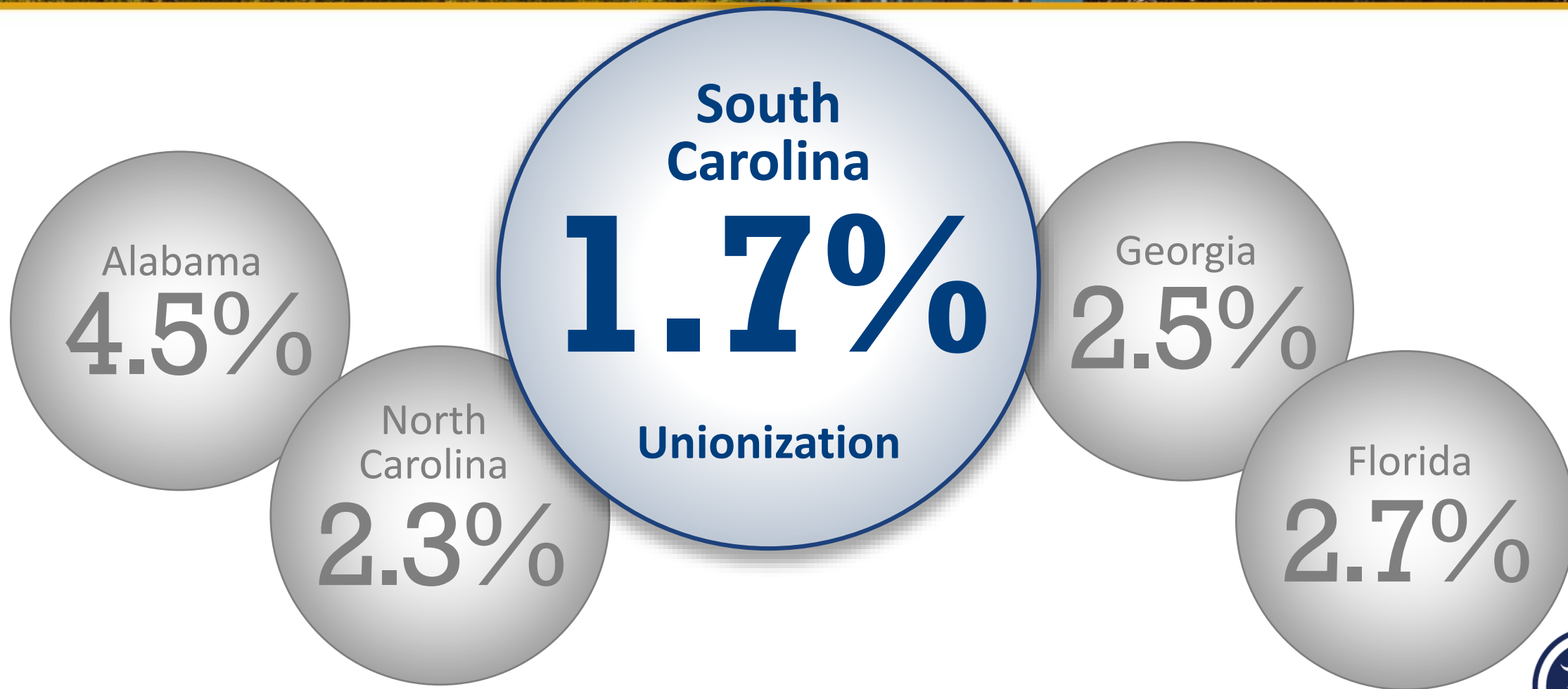
| CURRICULUM DEVELOPMENT



- Created in 1961, one of the longest running and most experienced worker training programs in the nation
- Recognized as the premier economic development training program in the US for more than 50 years
- More than 280,000 worker trainees since 1961
- Consultants are available, at no charge to employers, to guide companies through the registered apprenticeship development process.



Lowest Unionization Rate in US



Source: Unionstats.com, State Private Sector Union Percent of Members. 2017

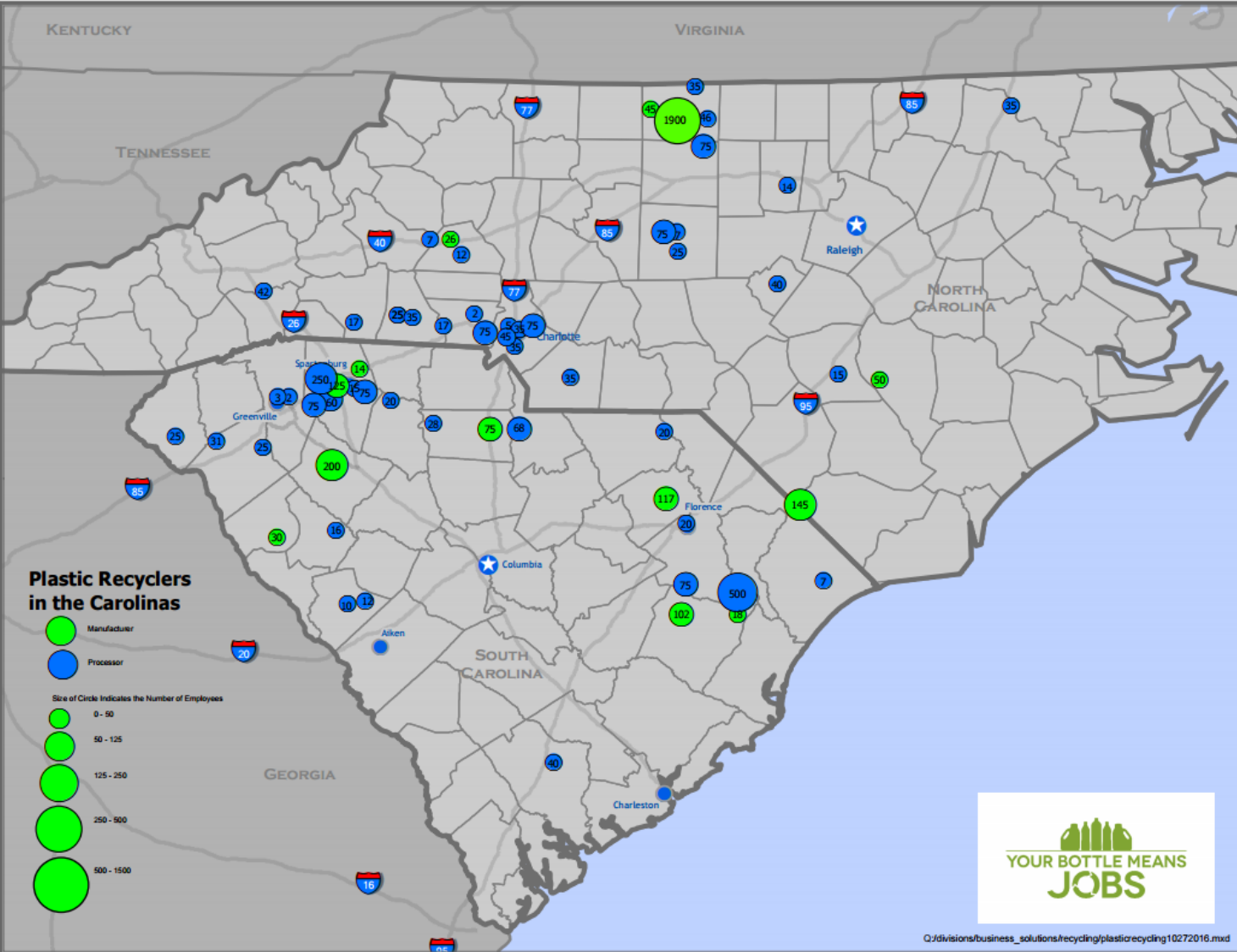




YOUR BOTTLE MEANS
JOBS



Carolinas Plastic Bottle Recycling Industry



SC/NC Plastics Recycling Industry



DEMAND

SC/NC
347,500 TONS
ANNUAL
DEMAND

550,000 TONS
ESTIMATED
GENERATION

RECYCLED:
SC: 19,000 T NC:
44,000 T

SUPPLY





**YOUR BOTTLE MEANS
JOBS**

RECYCLE PLASTIC BOTTLES. CREATE JOBS.



YourBottleMeansJobs.com • [#Bottles2Jobs](https://twitter.com/Bottles2Jobs)

CAPITAL

OUTDOOR

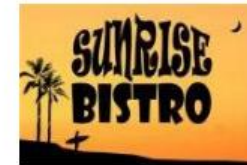
**DON'T WASTE
FOOD SC**

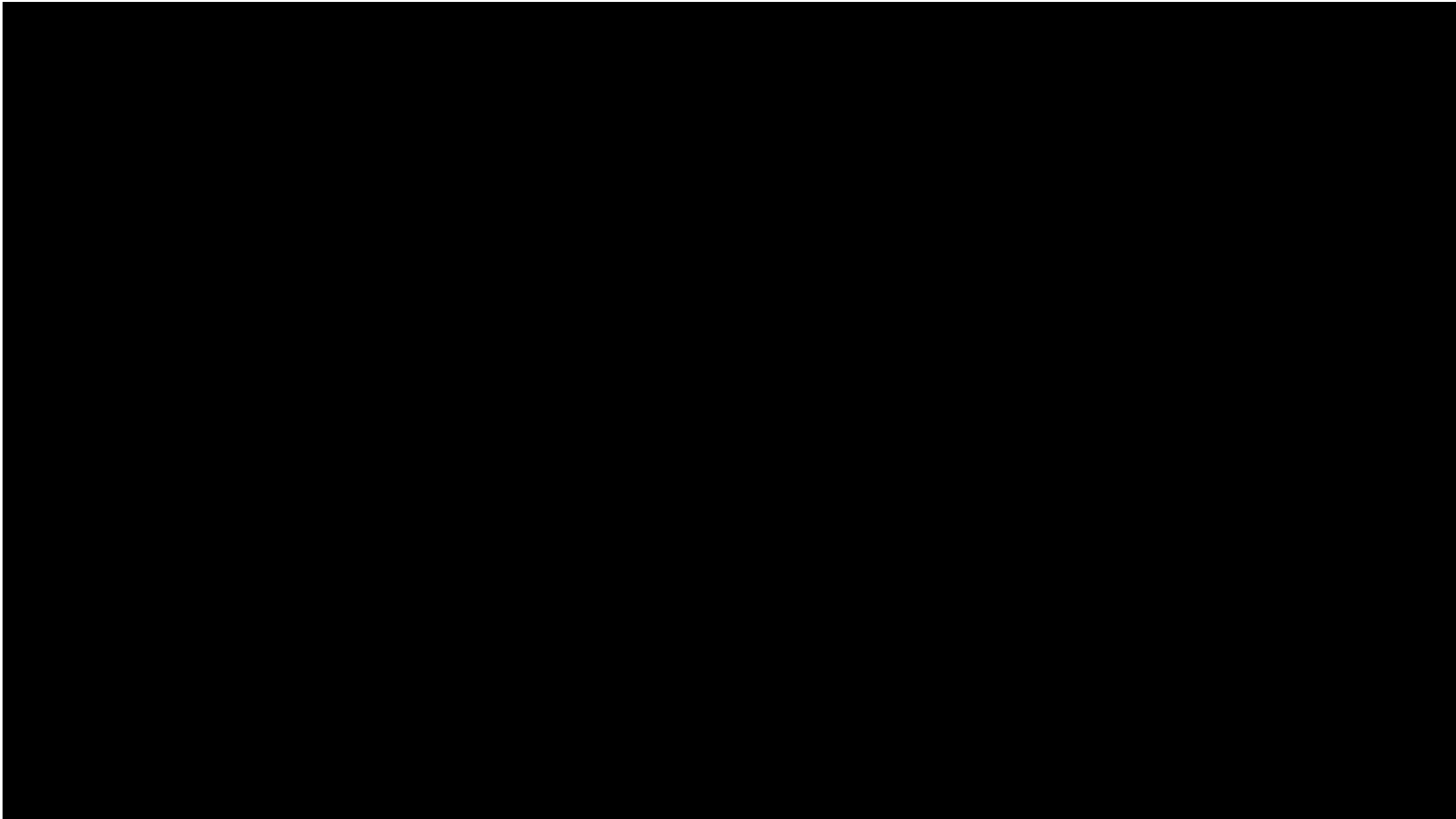
The logo features the text 'DON'T WASTE FOOD SC' in a bold, blue, sans-serif font. The word 'FOOD' is stylized, with the letter 'O' replaced by a yellow circle containing a white outline of a lemon slice. The letter 'D' is replaced by a red circle containing a white outline of a tomato with a green stem and a white star.

PREVENT • DONATE • COMPOST



GREENVILLE HEALTH SYSTEM







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Questions?

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