



The State of Composting in the US



US Composting
Council®

Ecomondo May 2021

Frank Franciosi - Executive Director



Our Mission

The US Composting Council advances compost manufacturing, compost utilization, and organics recycling to benefit our members, society, and the environment.

Our Vision

We believe compost manufacturing and compost utilization are central to creating healthy soils, clean air and water, a stable climate, and a sustainable society.

COMPOST DRIVERS





INTERNATIONAL & NATIONAL DRIVERS

- Reducing Food waste 20% over a 10 year period would yield \$100 billion in societal economic value*
- Sustainable Development Goal 12.3 call on all nations to cut food waste in half by 2030**
- USDA & EPA 2030 Goal

- *2018 Food Waste Investment Report
- **UN Food and Agriculture Organization





NATIONAL DRIVERS

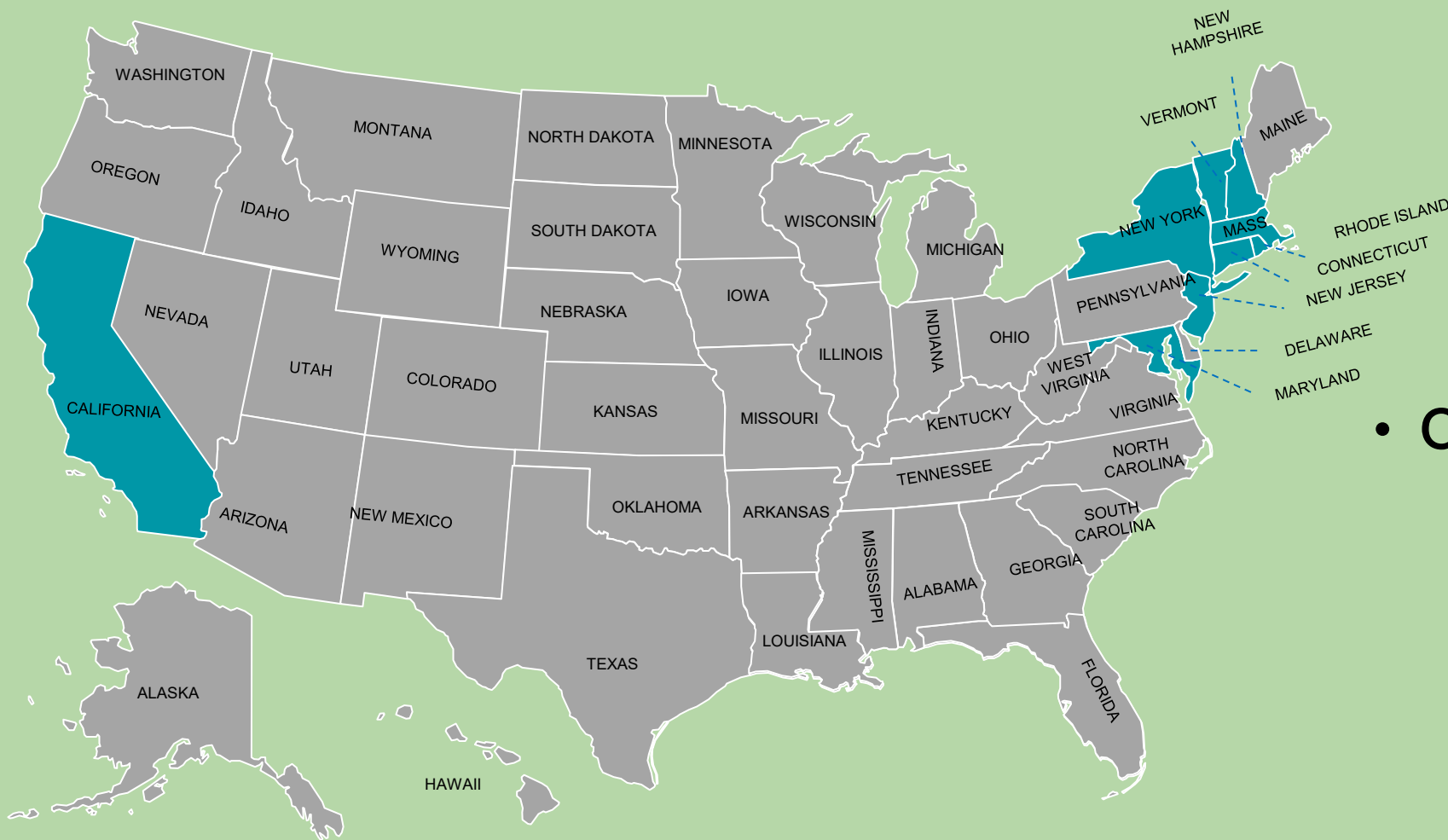
50% Reduction of Food Waste by 2030

Composting:

By investing in **centralized composting infrastructure**, training, and policy, **13.8 million tons of food scraps** can be diverted annually from landfills through composting, reducing an estimated **4.94 million tons in greenhouse gases** while creating over **14,000 new jobs**.



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STATE DRIVERS

- **Organic Landfill Bans**

- California
- Connecticut
- Maryland*
- Massachusetts
- New Hampshire
- New Jersey
- New York
- Vermont
- Rhode Island

*new 2021



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Local-Level Enacted
Legislation Impacting
Foodservice Packaging

267 Total

State-Level Legislation
Potentially Impacting
Foodservice Packaging

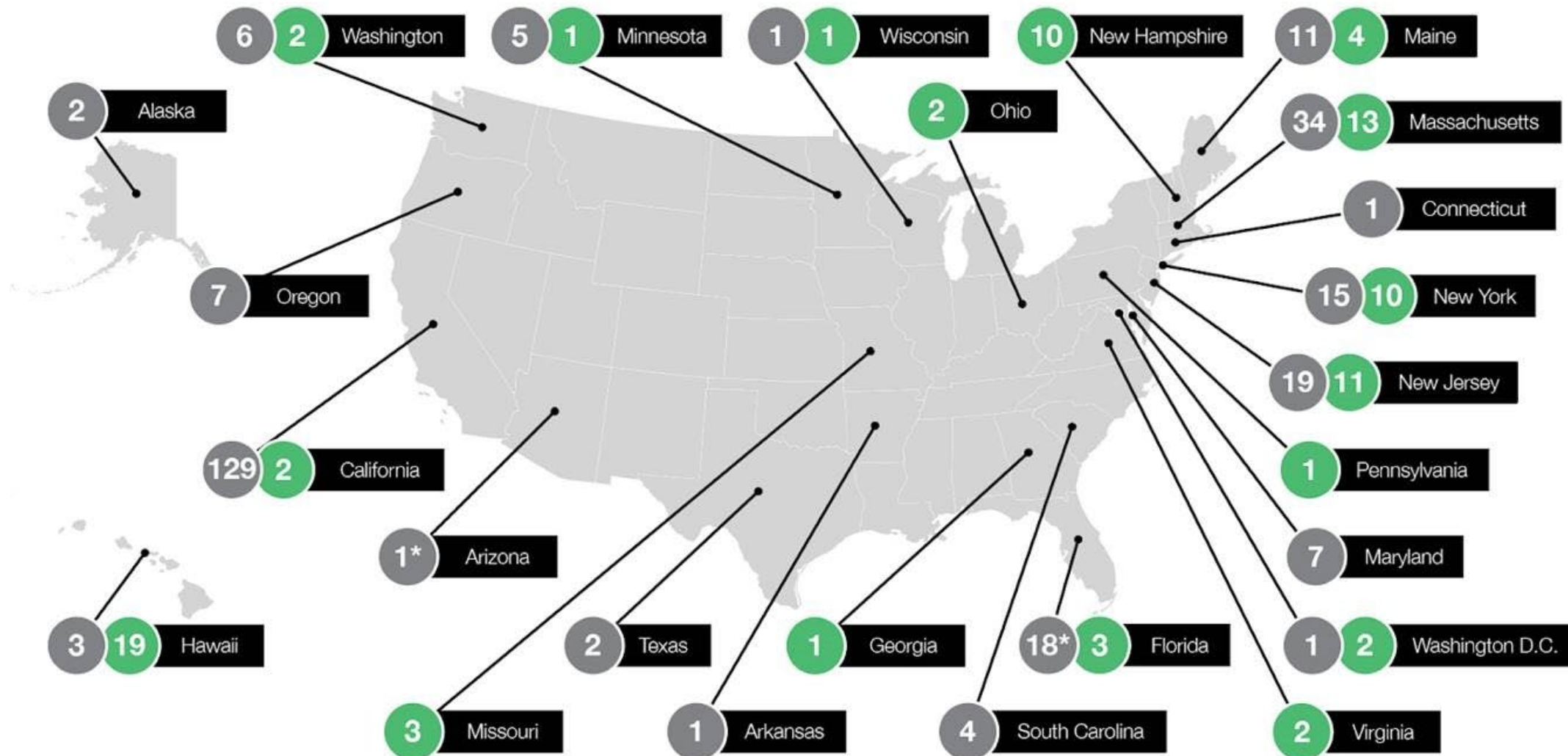
87 Total

Pending Federal-Level
Legislation Potentially Impacting
Foodservice Packaging

2 Total

* State-wide legislation may affect or ban local legislation

Source: Food Packaging Institute Dec 2019





CONSUMER

- Cradle to cradle products
- No green washing
- Less single use plastic
- Care for the future generations
- No more landfills

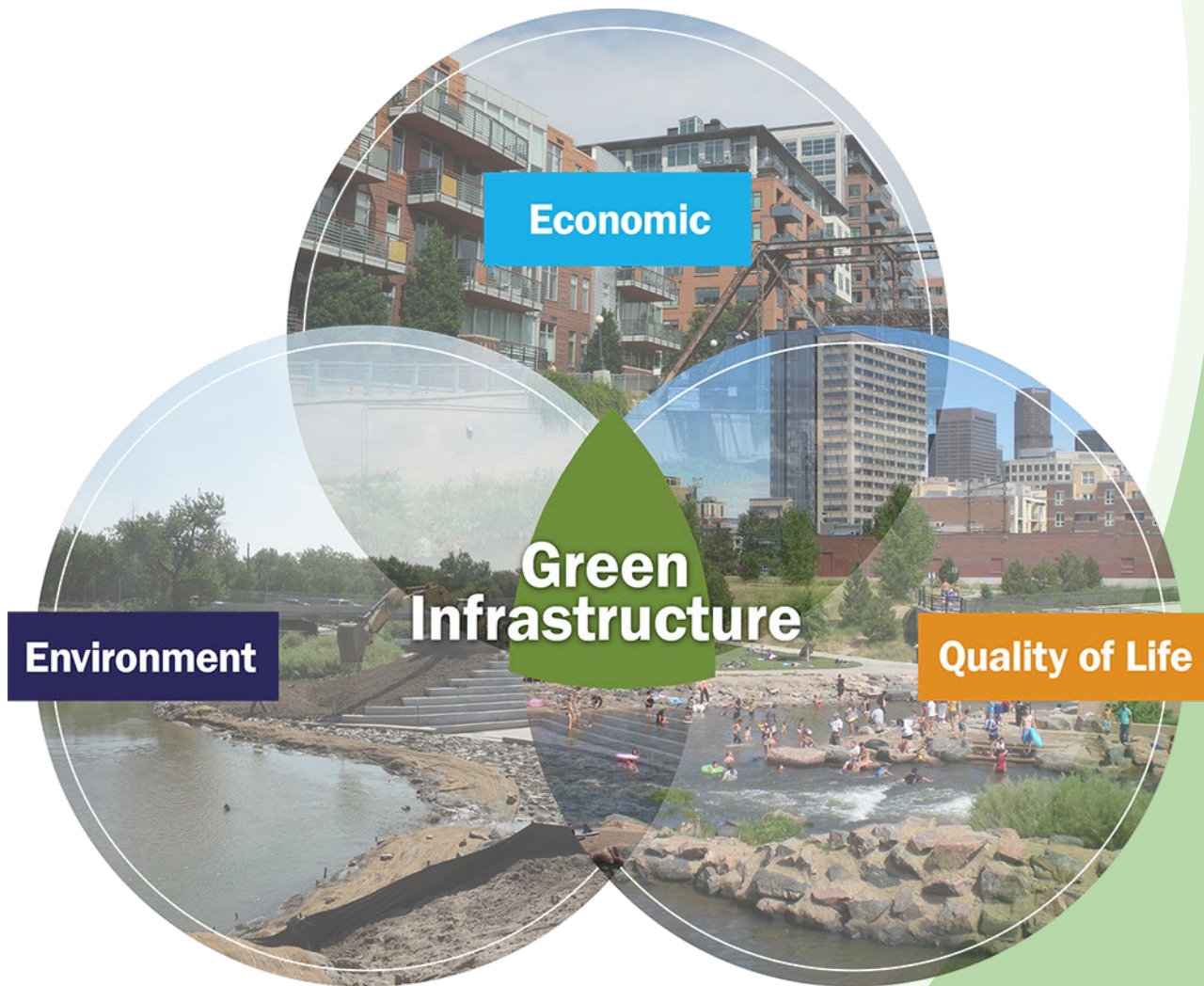


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SHAREHOLDER

- Investing in green companies
- Demanding sustainability
- Part of the overall business plan
- Reducing all wastes



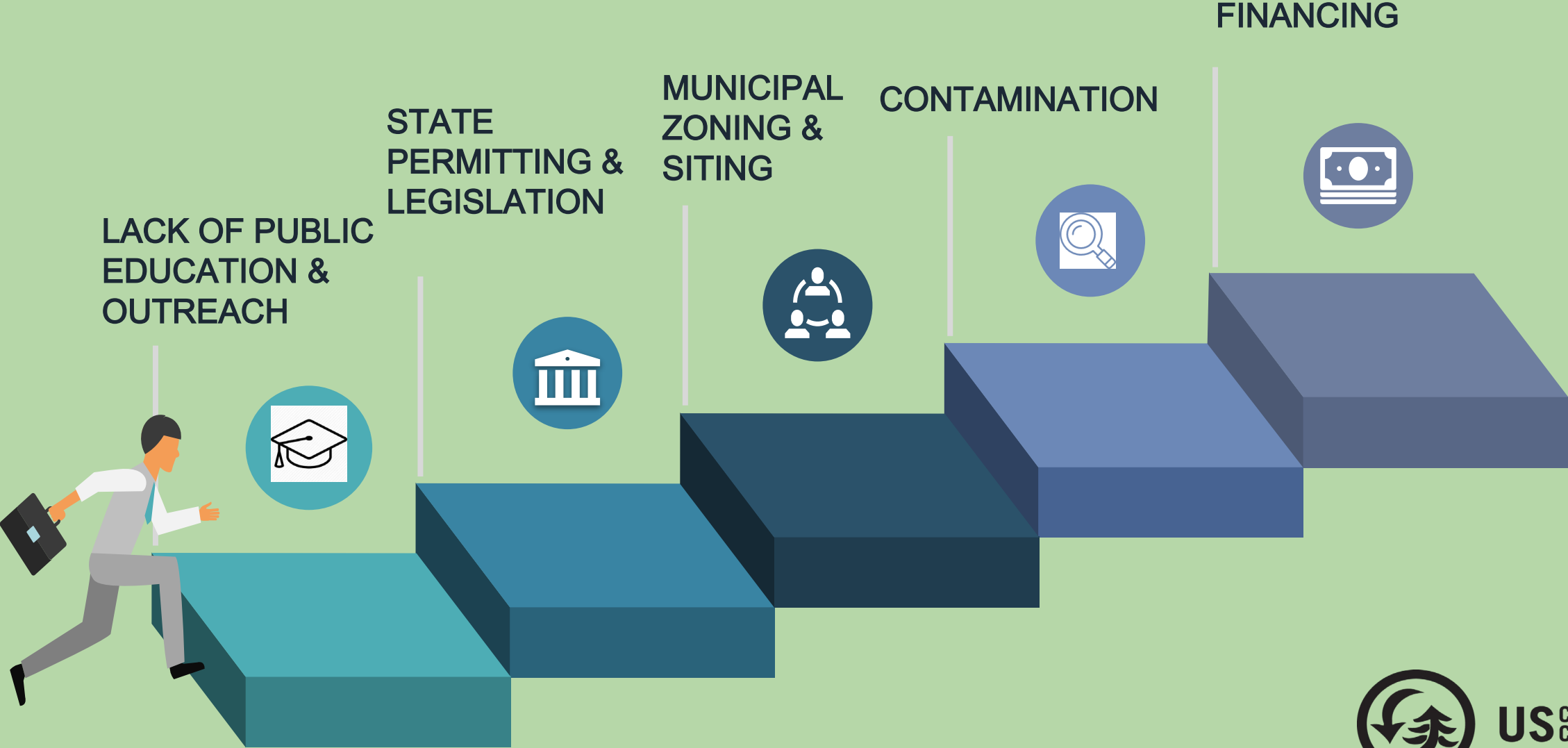
COMPOST PRODUCT

- Improving soil quality
- Reducing soil erosion
- Managing stormwater flow
- Increasing infiltration
- Benefits both ag and urban soils
- Standards in development



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HURDLES TO INFRASTRUCTURE GROWTH





LACK OF PUBLIC EDUCATION & OUTREACH

- Better public outreach
- Consumer education
- Public service announcements
- Elementary school programs
- Clear labeling



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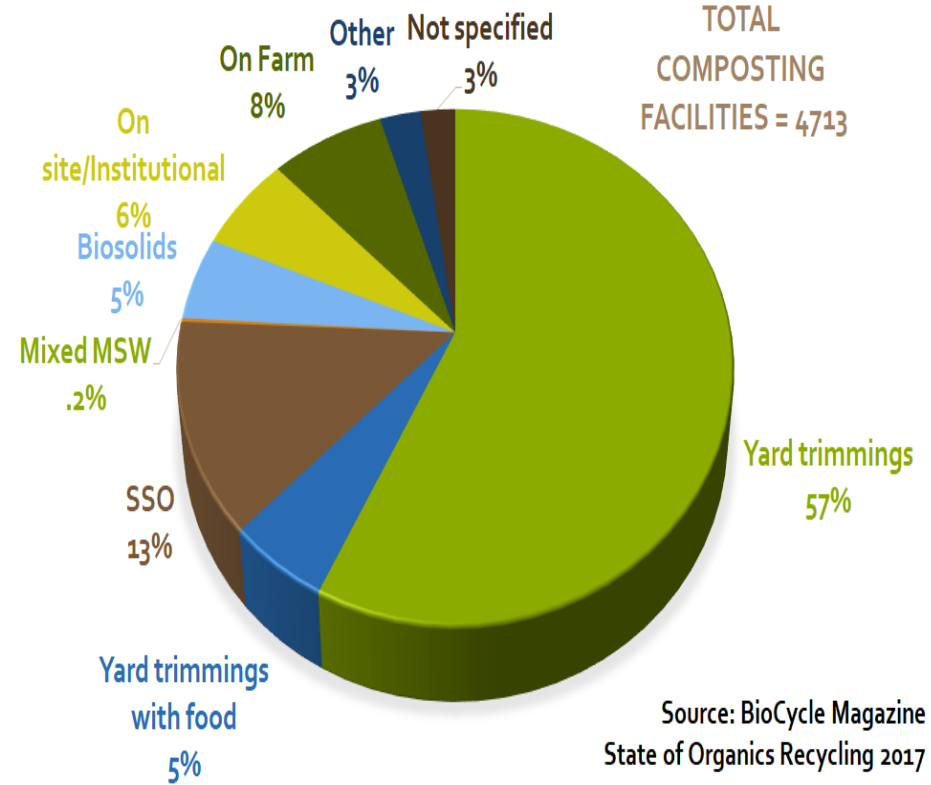
STATE PERMITTING & LEGISLATION

PERMITTING

- No regulations
- Too many agencies
- One source permitting is needed
- Old regulations
- Yard waste only

LEGISLATION

- No yard waste ban
- No organics ban



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MUNICIPAL ZONING & SITING

- NIMBY
- No plan for future growth
- How is it zoned?
 - Agricultural
 - Industrial
 - Manufacturing
 - Waste Handling



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CONTAMINATION

- No national public education & outreach
- Poor source separation
- No consistent identification of compostable vs. non - compostable
- Plastic vs. Compostables
 - Single use plastic wrap
 - Styrofoam
 - Labels



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FINANCING

- Fragmented new industry
- Little state or national economic data
- No federal funding
- No NAICS code



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Overcoming Hurdles

Developing the roadmap to success

TARGET ORGANICS



Waste Analysis

- Current Volumes
- Current Practices
- Current Life Expectancy
- Projected Growth



Policy & Mandates

- Solid Waste Mgmt. Policies
- State Goals or Mandates
- Your goals



Solid Waste Plan

- Plan Cycle
- Revisions
- Stakeholders
- Timeline
- Education & Outreach



Infrastructure Development

- Collection
- Permitting
- Yard Waste Facility
- Land & Zoning
- Abandoned Sites
- Brownfield Sites
- Enterprise Zone



System Selection

- Siting Parameters
- Funding
- Personnel
- Public -Private Partnership's
- Systems

TARGET ORGANIC PROJECT DELIVERABLES



Year One:

- Model Zoning
- Model Rules Template 2.0
- Model Labeling & Identification for Compostable Products
- Compost Use Return on Investment
- Compost University

Year Two:

- Model Organic Recycling Legislation
- Target Organics How to Guide for Municipalities
- Industry Economic Study
- DOT Compost Use Guide
- Certified Compost Specifications
- Compost Marketing Tools

Year Three:

- National Education & Outreach Program
- Industry Best Management Practices



Corporate Compost Leadership Council

Mission Statement

The CCLC increases consumer awareness of composting, compostable products and compost use through education, outreach and support of initiatives that expand composting infrastructure within our communities .



Brand Company Engagement

- Grow composting Infrastructure by helping the organization shape consumer behavior about source separation of organics
- Take composting mainstream by encouraging municipalities to invest in composting programs.
- Supporting and promoting policy changes that de - bottleneck composting infrastructure growth.



www.compostinfrastructure.com

Mission Statement

The U.S. Composting Infrastructure Coalition brings together a vital cross section of the US organics recycling community, associations working on sustainable materials, and other stakeholders to support innovative and responsible waste reduction and recovery solutions like composting.



**Thank You
&
Please join us at
Compost 2022**

January 24-27 Austin, TX
COMPOST 2022
USCC Conference & Tradeshow