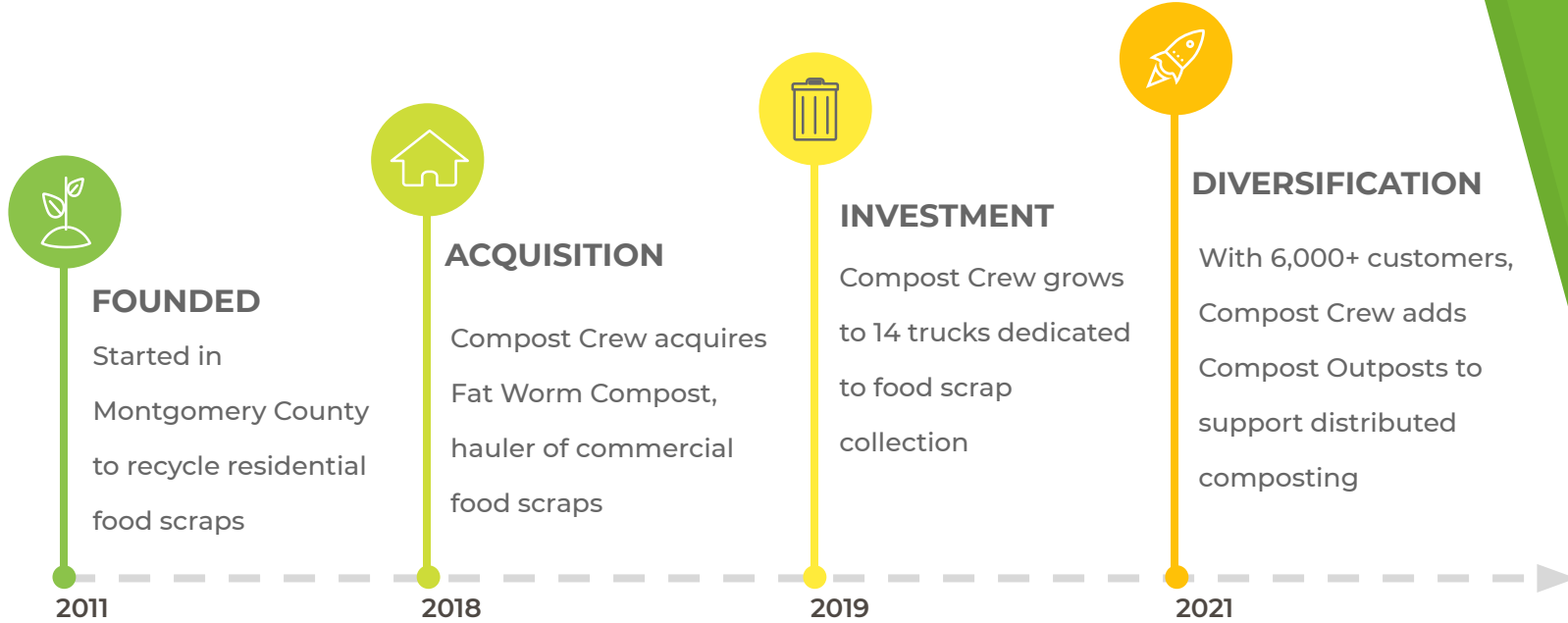


Distributed Composting to Support Local Food Production



December 2021
Maryland Food
Recovery Summit

COMPOST CREW STORY



THE CHALLENGE



The United States generates over **103 million tons of food waste** annually

Municipalities increasingly are adopting **zero waste plans** that call for increasing diversion and reducing greenhouse gas emissions

Most municipalities **lack compost processing capacity** and are dependent on neighboring jurisdictions to compost their organics

Adding a composting facility within your town limits is **costly and time-consuming**

OUR SOLUTION

Compost Crew offers a turnkey system that includes both food scrap collection and a composting facility - all within a community

Partner with local farms to build soil health and promote local food production

This circular solution requires no upfront investment from a municipality



SOLUTION DETAILS



A **Compost Outpost®** is a mid-scale aerated composting facility that produces high quality compost from food scraps collected from area homes or drop-off sites

The modular system can be scaled to meet volume goals and can grow with community adoption

Process high quality compost with food scraps from 500-1000 homes in less than 5,000 sqft



ONE ACRE FARM CASE STUDY

- On-farm composting facility made from repurposed shipping containers with forced aeration
- Local food scraps become high quality compost in less than four months; compost is used on the farm's crops
- Program started in 2020 and scaled up in 2021 to capacity of ~200 tons of food waste per year



“Healthy soil produces healthy plants that fight against pests, disease and drought more effectively” Charlotte Henderson
One Acre Farm

BENEFITS OF A **COMMUNITY PROGRAM**



DEMAND: Publics Works departments seek diversion options to meet zero waste goals while community demand for food waste recycling is growing

DENSITY: focusing curbside pilot programs to small geographic areas reduces service cost by decreasing the distance between stops

ACCESSIBILITY: proximity to treatment facilities also decreases service cost and emissions resulting from food waste diversion programs

EFFECTIVENESS: by processing food scraps locally you introduce a visible recycling system that produces compost, jobs, and behavioral changes that make your community more sustainable

compostcrew.com/compost-outpost/





**COMPOST
CREW**

good to grow

THANK YOU!

Ben Parry
CEO, Compost Crew
240-535-2472
ben@compostcrew.com

