



Bioenergy Devco transforms organic food waste into renewable energy and healthy soils, empowering states, communities, and companies to accelerate their environmental and decarbonization goals.



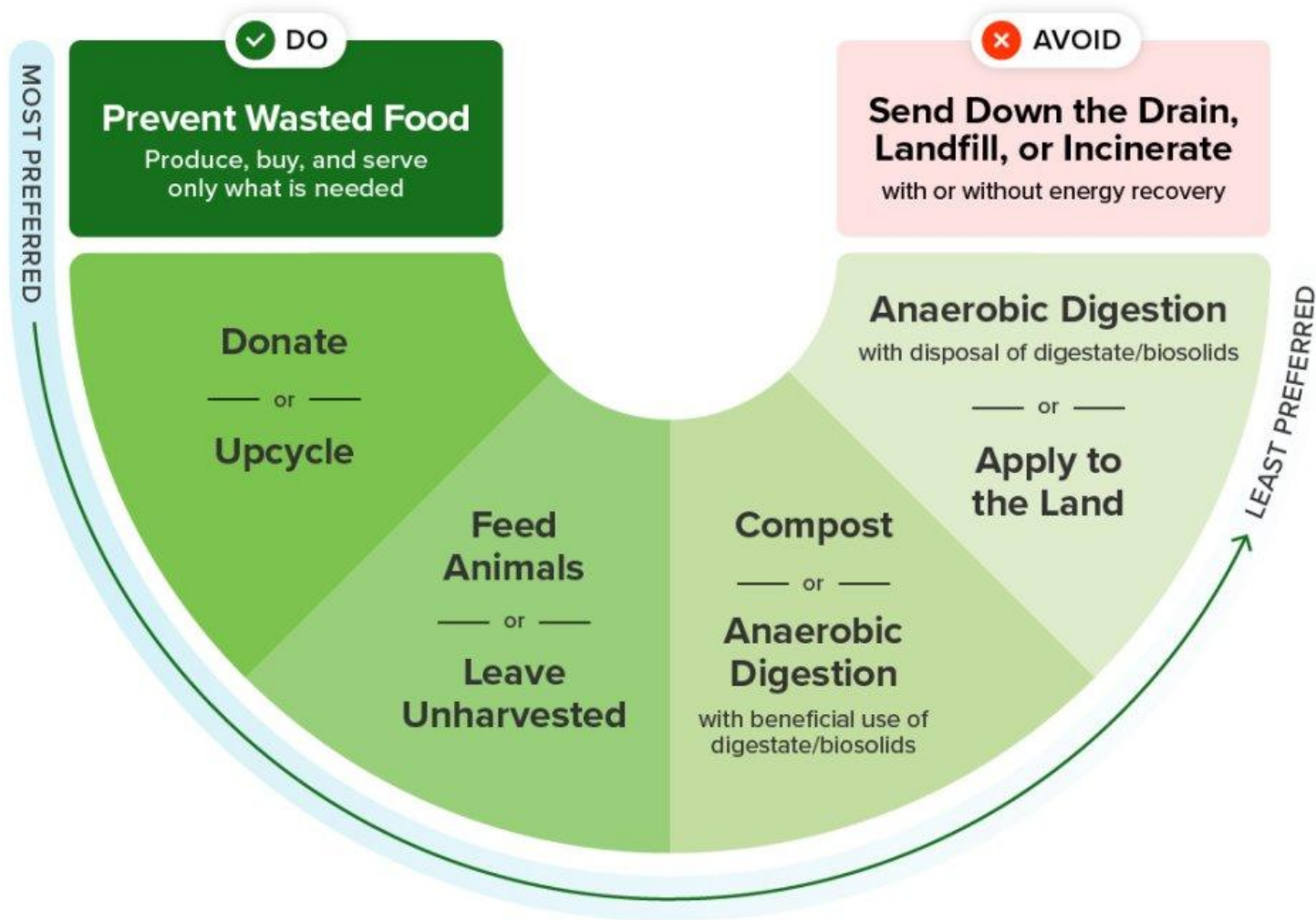
Organic Waste Diversion

The goal is to achieve 100 % diversion of organic waste



Wasted Food Scale

How to reduce the environmental impacts of wasted food



October 2023



Unsustainable Waste Management Solutions

Landfill

- Nearing capacity
- Bans on disposal of organics
- Continued increase in average tipping fees, rising ~3% annually since 2016
- Un-captured landfill gas venting CO₂ and methane into the atmosphere
- Leachate leaks cause groundwater pollution

Land application

- Offensive odors and pathogen risk
- Increasing public opposition
- Limited amount of waste that can be applied
- Excess nutrients pollute soils and waters, killing wildlife

Incineration

- Aging plants and costly maintenance
- No new sites built since the 1990s
- Air pollution from incineration disproportionality impacts low-income communities where facilities are located





Innovation at Scale

While the science remains the same, the process can take many shapes.



Urban Digestion

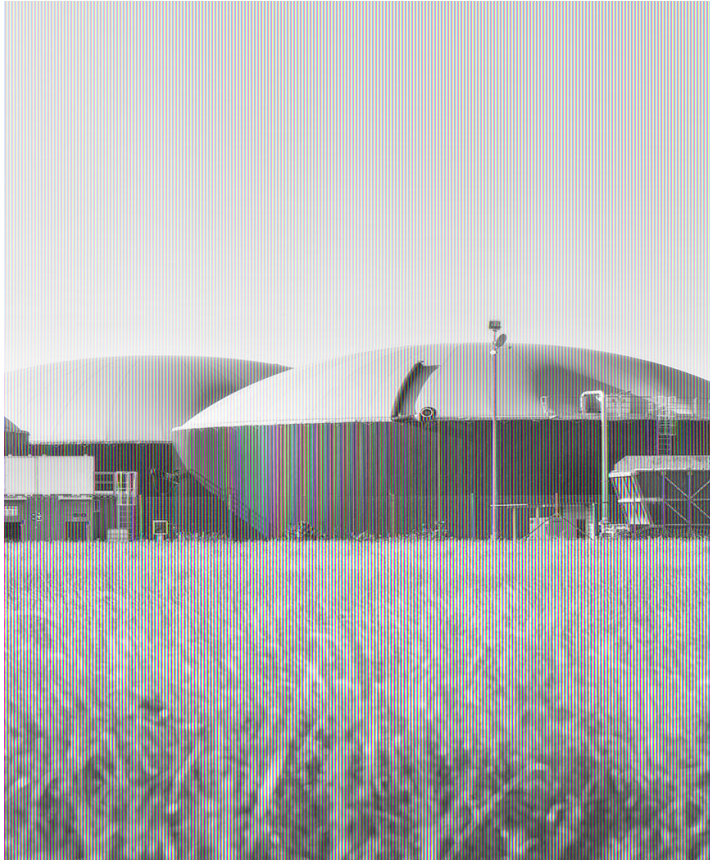
Rural Digestion

Co-digestion



Contamination Mitigation





Thank you.

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