

Small Scale Waste to Energy

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Problem?

40%

of all food in North America gets wasted
annually

Problem?

\$162

Billion

Problem?

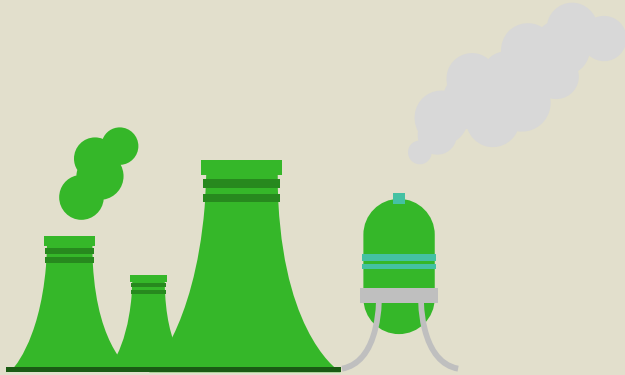
Food waste ends up in landfills and releases methane, which is

25X

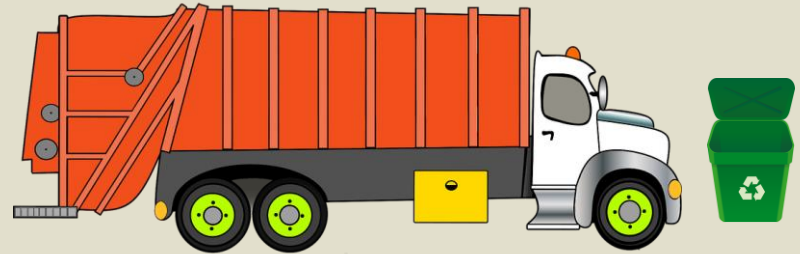
more **toxic** than carbon dioxide

Current Solutions

Large Scale WTE
Facilities



Municipal Waste
Management



Our Solution



1. Reduce Food Waste

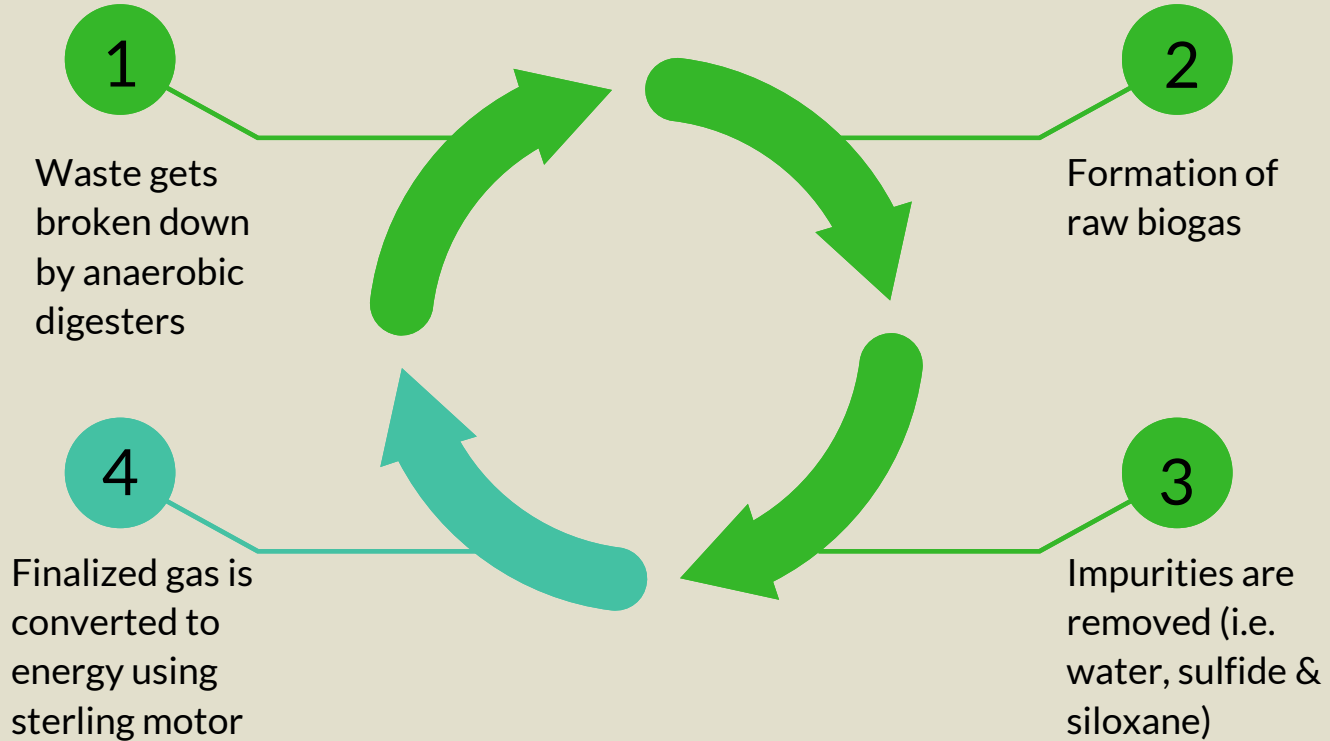
1. Reduce Air Emissions

Our Solution



- All in one device that converts food waste into energy
- Currently targeting grocers
- Eventually allowing them to run on a closed circuit

Our Solution



Our Solution

1

Innovation

2

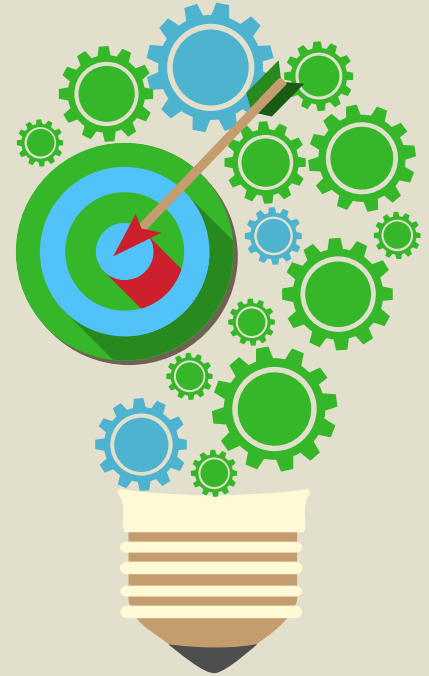
Impact

3

Feasibility

4

Replicability



Innovation

Scaling down a rapidly growing sector of energy

Making it accessible

Addressing the problem at the source



Impact

Full energy independence

Eliminate organic waste sent to landfills



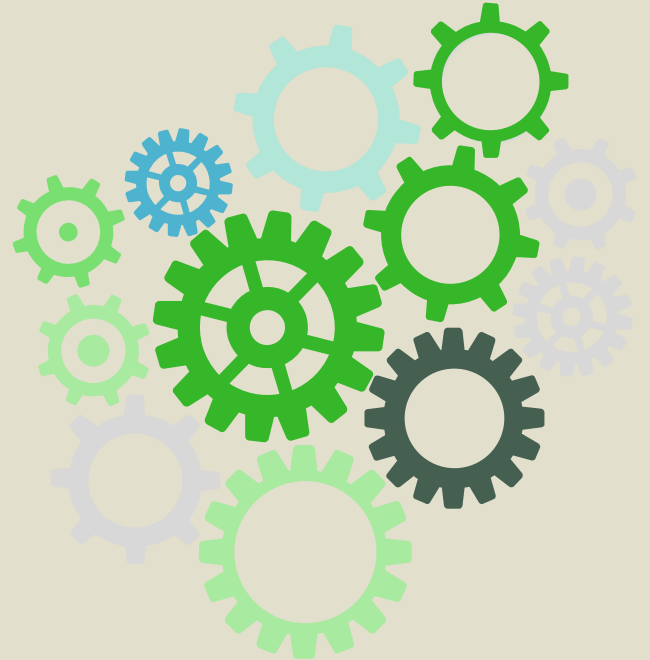
Feasibility

Low consumer price of \$5000*

Saves money

Low R&D

Better mousetrap



Replicability

Easy to implement in Canada, Mexico and the United States

No food type or geographic location limitations

Operate wherever food present



North America

Canada

- Policies that support net metering
- End coal-fired plants by 2050

USA

- Second largest investor in Renewable Energy as of 2015
- End coal-fired plants by 2050

Mexico

- 3% increase in self-supply electricity demand
- Reforms implemented to promote small-scale generation

Next Steps

Developing a prototype

Thank You!