

Product Design



Designed for the kitchen, **ComposTech Food Recycler** reduces food waste by over two-thirds its original volume through a fully automated process. The result is ready-to-use fertilizer within 24 hours. that you can spread on your lawn, outdoor plants, and garden. ComposTech is the easy-to-use solution for sending less food to the landfill, and more to your land.

Based on estimated 2.5 kg weekly household food waste for average Danish family.

The Challenge

To design a domestic composter that would be desirable inside the home as a new white good in modern kitchens.

The Insight

Fun can obviously change behaviour for the better. The use of Mobile apps, Interaction and Gamification experience could help to increase motivations and sustain habits of individuals over time.

The Goal

To get households to recycle their food waste more actively by making the activity more enjoyable and game-like. To enable households to easily manage and monitor their food waste by composting at home.

The Big Idea

ComposTech Food Recycler is a new brand of high-tech kitchen appliance to reduce food waste by over two-thirds its original volume through a fully automated process. ComposTech App to enable the user to control and monitor their machine.

How ComposTech Works

Step 1: Open

Wave your hands to open the sensor motion lid

Step 2: Fill

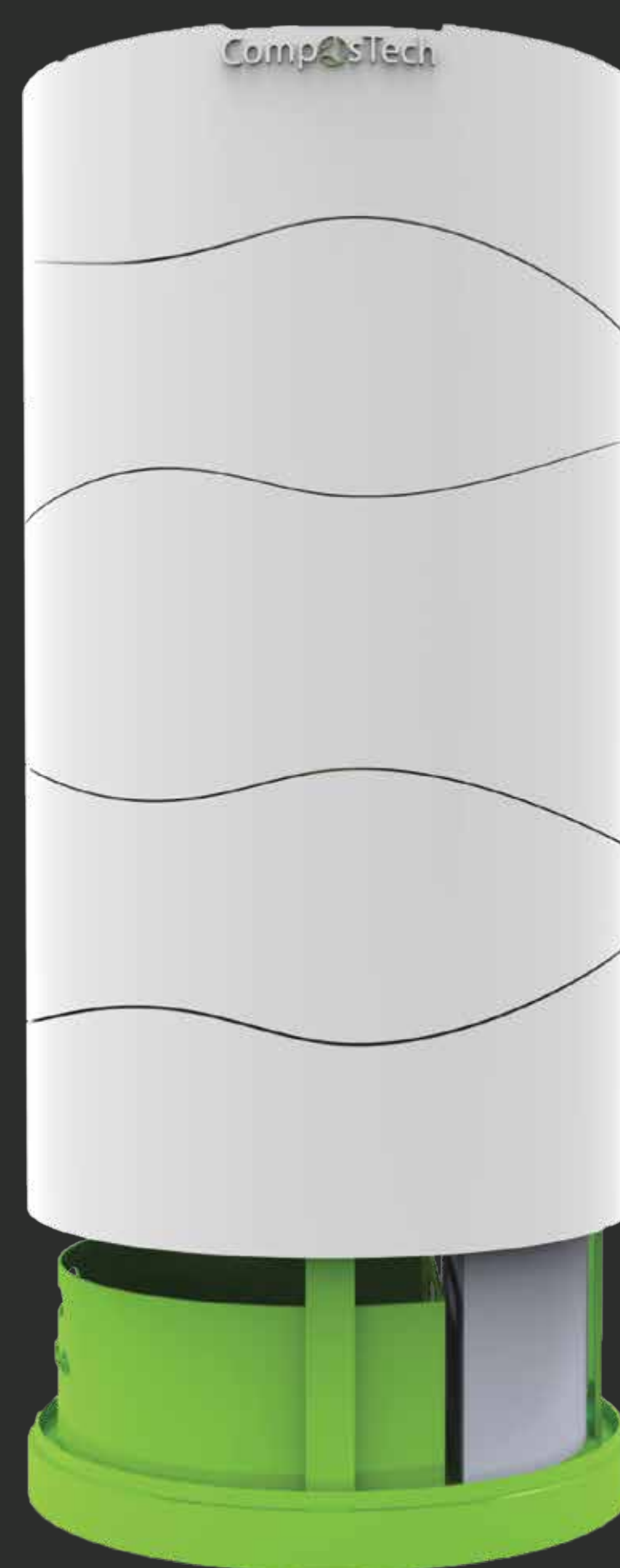
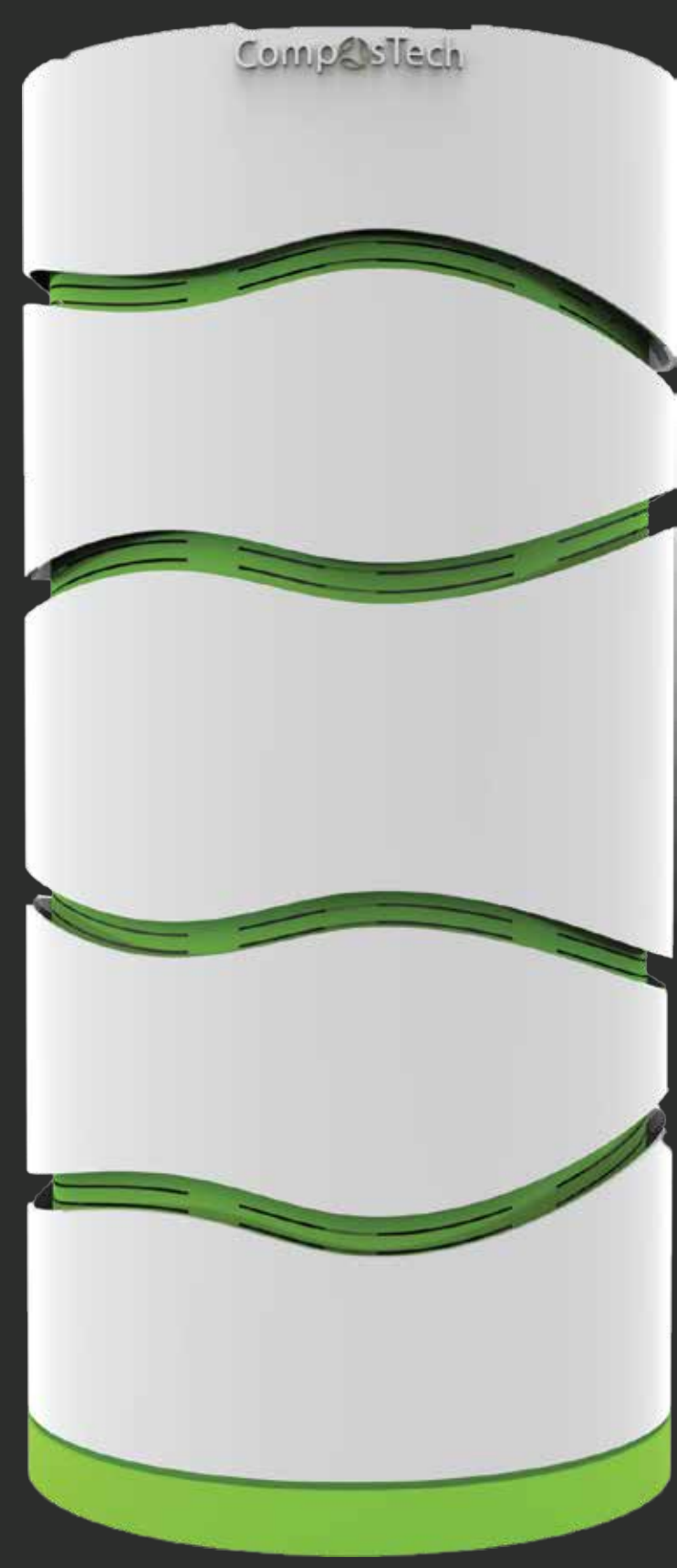
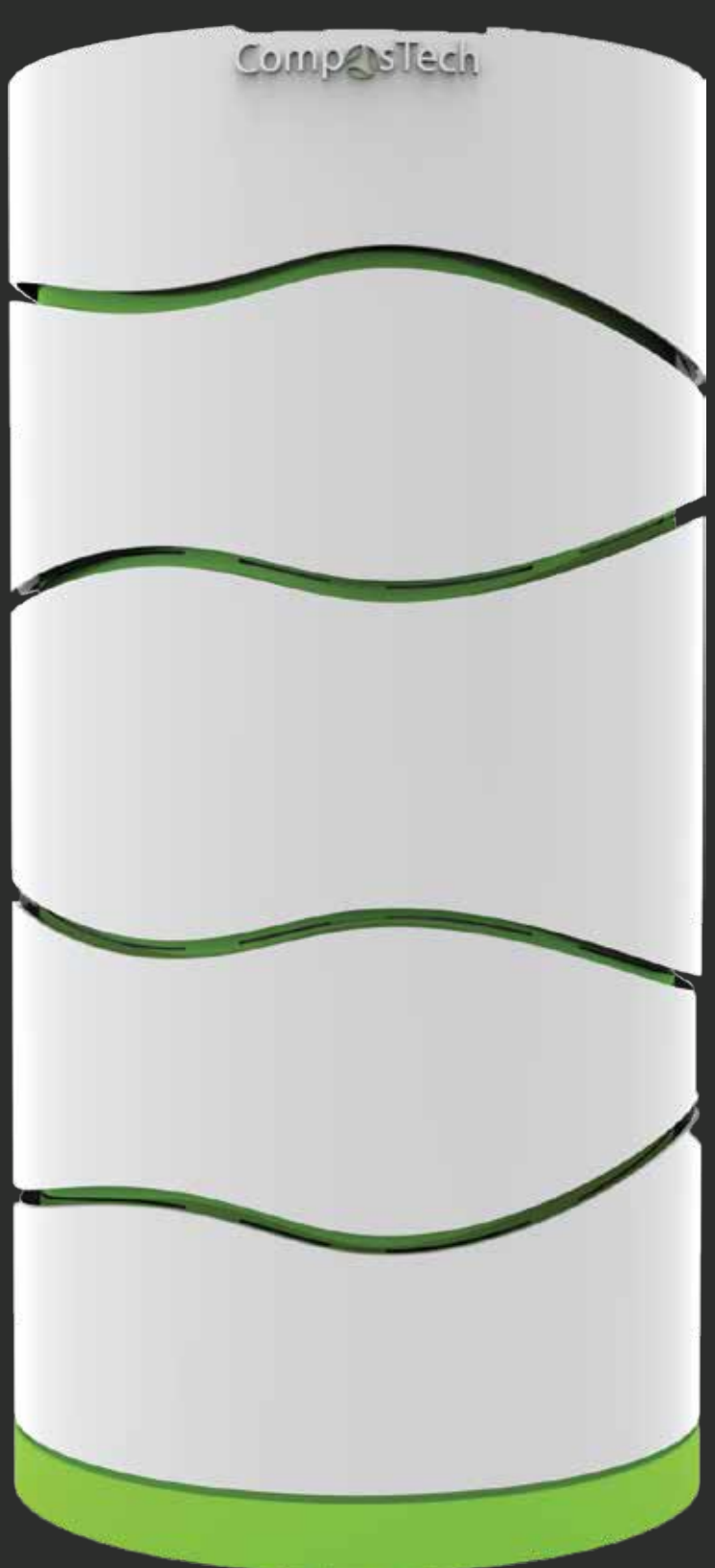
Place the entire ComposTech Addictive Pack inside, and then continue to add food daily until full.

Step 3: Transform

Wave your hands to close the lid and press the Start button or start the device remotely with the ComposTech mobile app to begin the "transforming" cycle.

Step 4: Fertilize

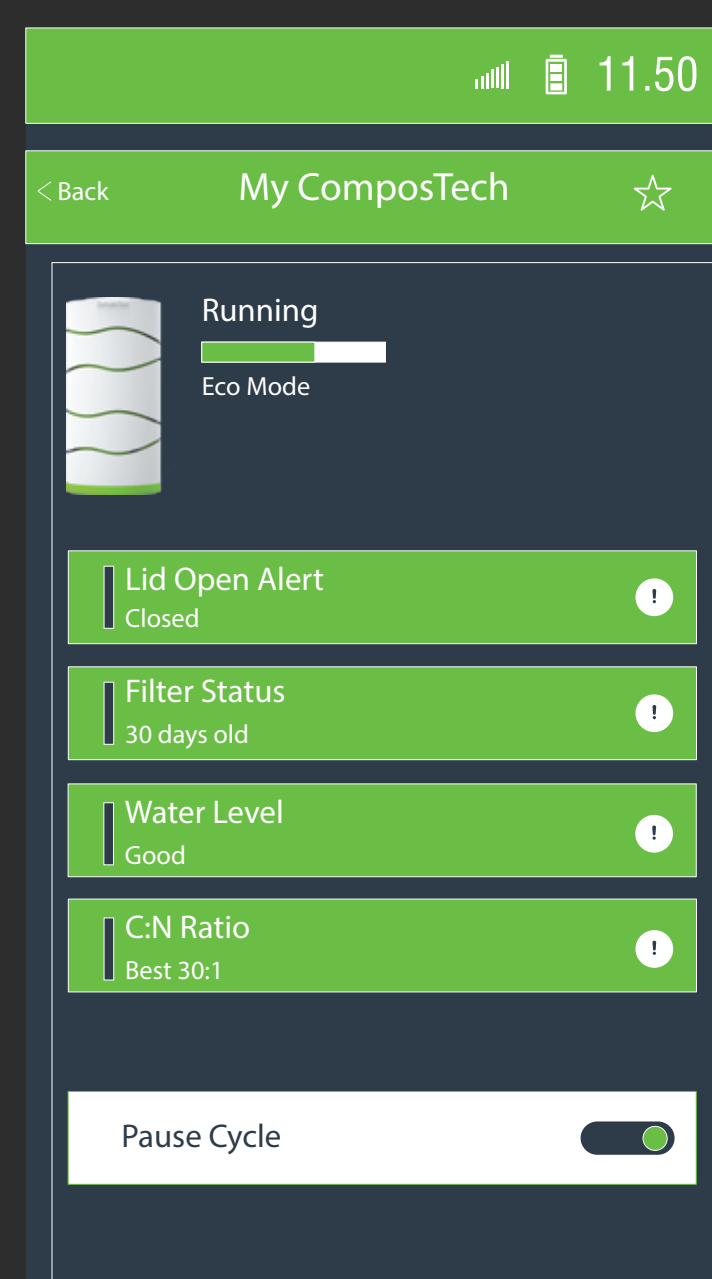
Remove the output container, the result is ready-to-use, homemade compost. Spread the compost on your lawn, garden, or outdoor potted plants.



ComposTech App

Make everyday use a little more efficient by operating ComposTech Food Recycler right from your smartphone .

- *Start and pause the device remotely.
- *Be notified when the cycle is complete, and when the filter needs replacing.
- *Activate the control and lid locks with a single button.
- *Get up-to-the minute progress status, from anywhere Watch informational videos.
- *Unlock achievement rewards for recycling.



Compost

- Takes months to create compost
- Can attract pests and bugs
- Can't compost meat and dairy
- Requires manual heap maintenance
- Requires a large outdoor space
- Can't measure main factors

ComposTech

- Takes 24 hours to create compost
- Integrates seamlessly into your kitchen
- Recycles almost all types of food waste
- Requires minimal maintenance
- Suitable for indoor spaces
- Compost calculator

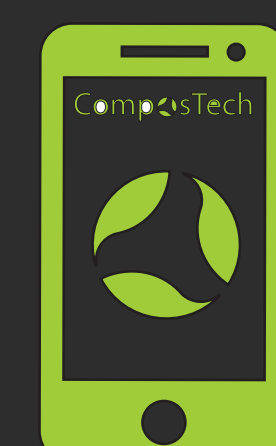
WHAT IF we treat the food waste on the site where it is produced?

WHAT IF we skip collecting and transferring food waste to lorry and central composting site?

what are the ComposTech components?



ComposTech Food Recycler



ComposTech App



Recycle Bank Community



Reverse Recycle Machine in Supermarkets



Recycle Collection Truck