
Stack-Snack-Sprout

By: Dyana Ner, Raga Kavari, Tanan
Javkhlantugs, Nanki Ahuja, and Naomi Fuson

TABLE OF CONTENTS

**PROBLEM
BACKGROUND 01**

**HMW
STATEMENT 02**

INSPIRATION 03

**DESIGN
CONCEPT 04**

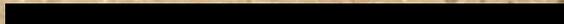
**CONCEPT
POSTER 05**

STORYBOARD 06

THE PROBLEM

Modern food packaging provides a way to make food safe, reliable, shelf-stable and clean.

Unfortunately, most food packaging is designed to be single use and is not recycled.



63%

of the **258 million tons** municipal solid waste in the US in 2014 was of packaging materials (for food and other purposes)

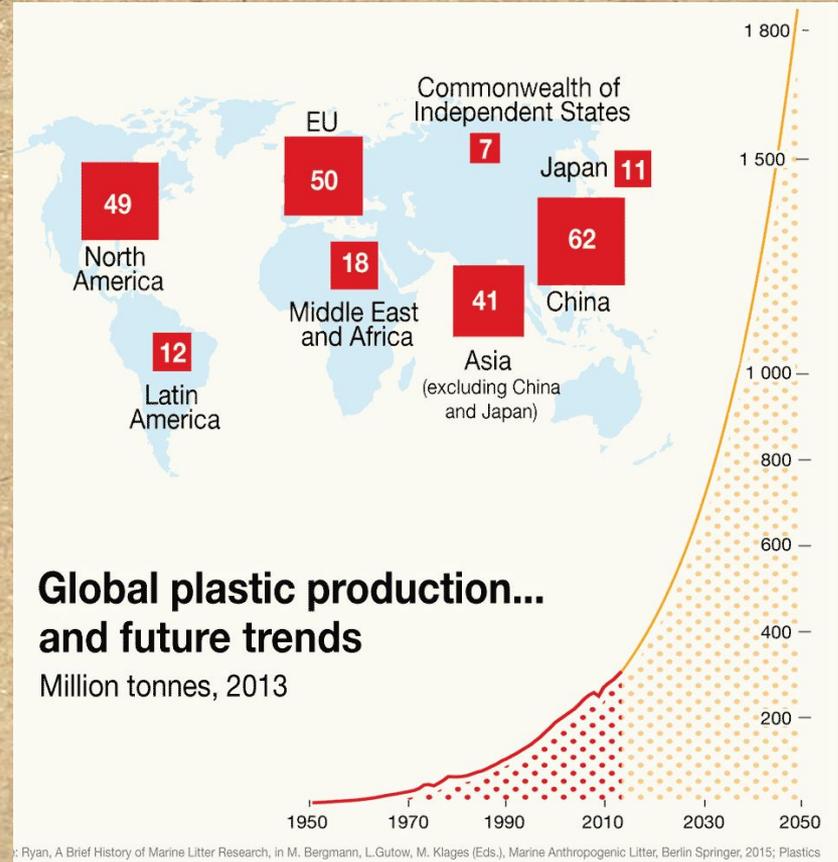
Overall, only **35% (89 million tons)** was recycled or composted.

THE ROLE OF PLASTIC

- **9.2 billion tons** of plastic have been produced, of which only **9%** has been recycled properly.
- Standard plastic based on fossil fuel, takes up to **1000 years** to decompose.
- **50%** of plastic is made for disposal products, like packaging.

GROWING PROBLEM

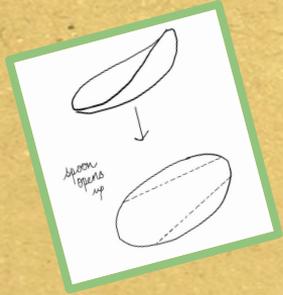
The graph to the right shows the **projected four-fold increase** in plastic production tonnage by 2050.



HMW...

create a packaging design for food delivery that is purposeful for our users, while not contributing to the packaging waste problem?

An aim to reduce waste in food packaging



Nanki

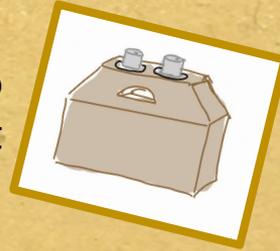
Multifunctional packaging & utensils, recyclable carton for drinks.

Raga

Clean and secure container that is airtight so food is not exposed

Naomi

Cardboard bag with cup holders at the top that is able to fold out to make plates

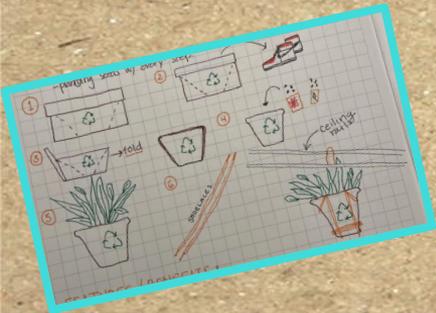


Tanan

Turning sustainable food packaging into pots for plants even if they are contaminated or not

Dyana

Stackable function was inspired by stackable objects (e.g. Legos)





Reduce
Plastic



Recycle



Biodegradable

INSPIRATION

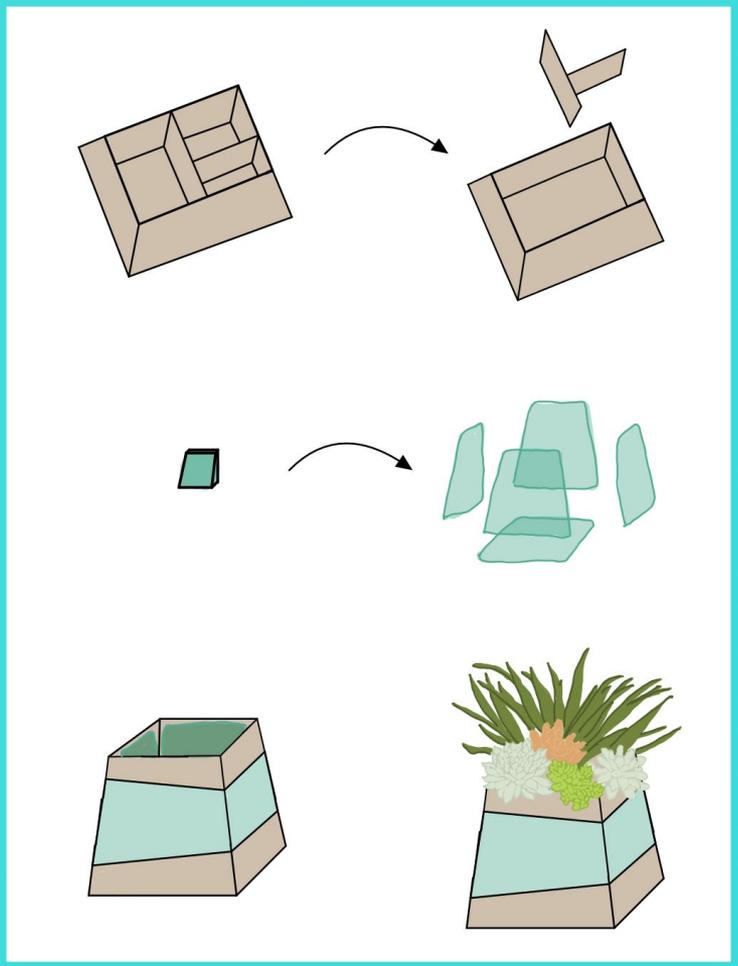
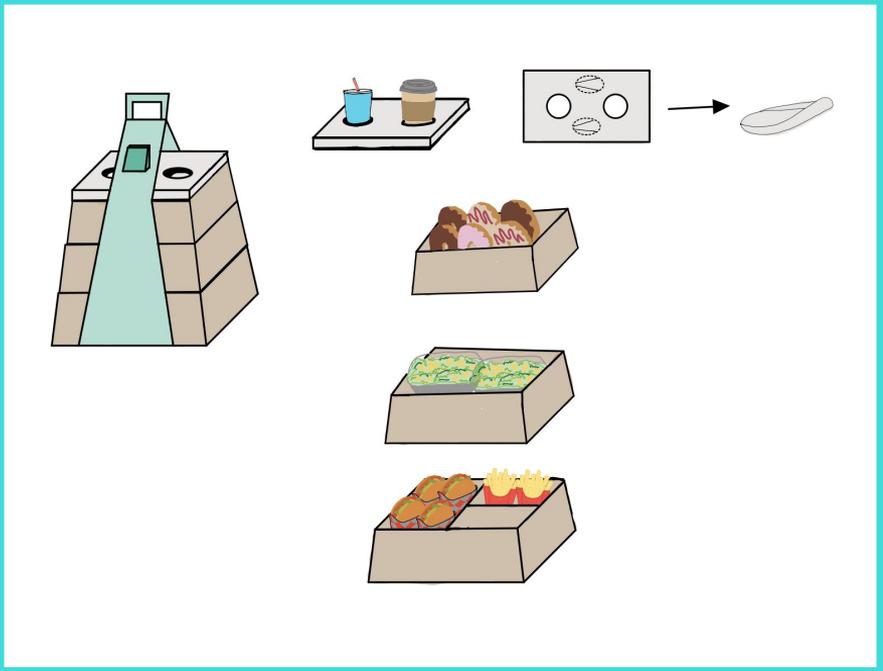


<https://www.tastetomorrow.com/inspiration/7-x-inspiring-and-sustainable-packaging-ideas-for-takeaway-and-delivery/485/>

<http://pan-dan.blogspot.com/2007/05/arwin-caljouw.html>

<https://www.packagingoftheworld.com/2017/01/ramen-ray-take-away-student-project.html>

Sketching of Design Concept

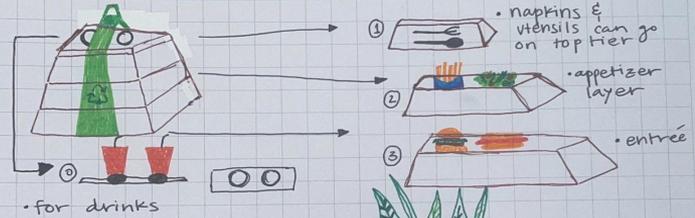


CONCEPT POSTER

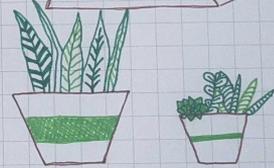
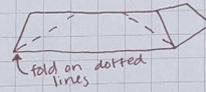


STACK · SNACK · SPROUT

* Saving the Earth, with sustainable packaging which you can plant too. 🌱



THEN...



FEATURES/BENEFITS:

- Food delivery contained in a secure container that prevents exposure from the outside + germs
- eliminates the use of a bag
- Everything is sustainable materials
- The box comes w/ compartments for utensils, napkins, drinks.
- saves space
- environmentally friendly
- The box is multi-use. Turns into plates or can be used as food trays.

- all tiers turn into different sized pots.
- The box can then be used + turned into a plant pot
- even if the box gets contaminated it can still be used as a pot.
- Everything is reusable or recyclable + compostable



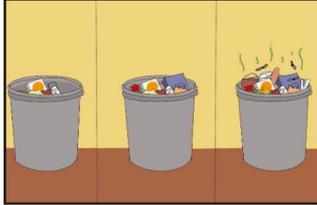
STORYBOARD



Tiffany, a UC Berkeley student loves getting food delivered to her apartment, for her and her roommates.



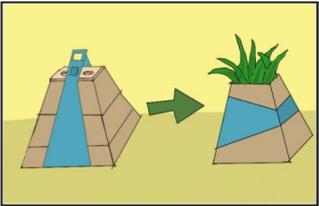
Tiffany has to awkwardly carry up multiple boxes, bags, and cups up the stairs to her apartment. Once she gets to the top she realizes some of the boxes aren't sealed properly or sitting upright and some food has mixed together.



After multiple days of ordering food, she realizes how much trash she has accumulated and wishes she could repurpose the packaging in some way.



Tiffany mentions this predicament to her friend Jessica. Jessica says, "Did you know there's restaurant near campus using a sustainable and convenient delivery option?"



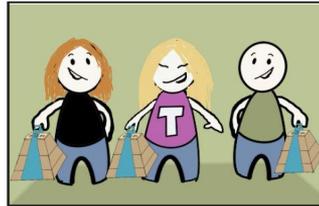
Introducing: *Stack-Snack-Sprout*. A new kind of sustainable food packaging with stackable tiers to help make food easier to carry, more sanitary, and have able to have multiple uses.



Tiffany was thrilled! She knew that the next time she ordered takeout, she would look for restaurants that used the *Stack-Snack-Sprout* delivery service.



At the end of the week, Tiffany and her friends had a virtual hangout. She told them about *Stack-Snack-Sprout* and they all ordered food from restaurants that used the service.



When everyone got their food delivery, they were impressed with how simple yet convenient the packing was. They also felt good about not contributing to the packaging waste problem.

Panel	Simple shape	Depth				3 Shots			Simple Value & Contrast
		Foreground	Background	Mid-ground	Overlap	Close	Medium	Long	
1	X		X	X	X			X	X
2	X			X			X		X
3	X			X			X		X
4	X	X						X	X
5	X			X			X		X
6	X	X				X			X
7	X	X				X			X
8	X			X			X		X



THANKS

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, infographics & images by **Freepik**

Please, keep this slide for the attribution
