

SUSTAINABLE DEVELOPMENT GOALS

GOALS 12:
**Responsible
Consumption &
Production**

December
2019





12

RESPONSIBLE CONSUMPTION AND PRODUCTION



Sustainable consumption and production is about **promoting resource and energy efficiency, sustainable infrastructure, and providing access to basic services, green and decent jobs and a better quality of life** for all. Its implementation helps to achieve overall development plans, reduce future economic, environmental and social costs, strengthen economic competitiveness and reduce poverty.

GOAL 12 TARGETS



TO ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

12.4

- By 2020, achieve the environmentally sound **management of chemicals and all wastes** throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to **minimize their adverse impacts on human health** and the environment.

12.5

- By 2030, substantially **reduce waste generation** through prevention, reduction, recycling and reuse

PROBLEM BACKGROUND

What is the best way to substantially reduce waste generation via any methodology?



PLASTICS ???

Over the years, these problems actually arise globally due to the dramatic increment on plastic usage. A lot of bad consequences affect our mother nature and environment.

Improper disposal of these packaging products leads to these harmful compounds finding their way to water bodies, where they dissolve over a long time due to their non-biodegradable nature. Littered plastics are also harmful to animals because they occasionally eat them and die.





SMART PARCEL

We create an alternative ways on using parcels package from the conventional ways – plastics, to a modern and sustainable usage.



20%
Durability



25%
Eco Friendly



20%
Silicone



10%
Long Lasting



10%
Sleek Design



5%
Endurance of
Extreme Temperature

S.I.S.I Corporation

In collaboration with Poslaju Malaysia, our company is planning to substitute the current parcel package into a more sustainable materials.

Categories	Details
Material(s)	Silicone, Geami Wrap @ Corn-starch packaging
Characteristic(s)	Silicone → Silica found in sand
	→ Petroleum based
	→ Highly durable
	→ Ocean friendly
Target Audience	→ Extreme endurance on high temperature
	E-shopper and courier service in Malaysia
Benefits	• Discount on postage
	• Personal metric identification
	• Real-time application for postmen

HOW IT WORKS ? – REAL TIME APPLICATION SOFTWARE

We plan to use an app where it can be accessed by the e-shopper, e-shop and the postmen.

Every e-shopper will be given a member number

The member number contains the customer details such as names, addresses, phone numbers, etc.

Each smart parcel will also have a unique bar code which represents its tracking number

The smart parcel must be returned to the nearest PosLaju after use. It can be done by e-shopper or the postmen.

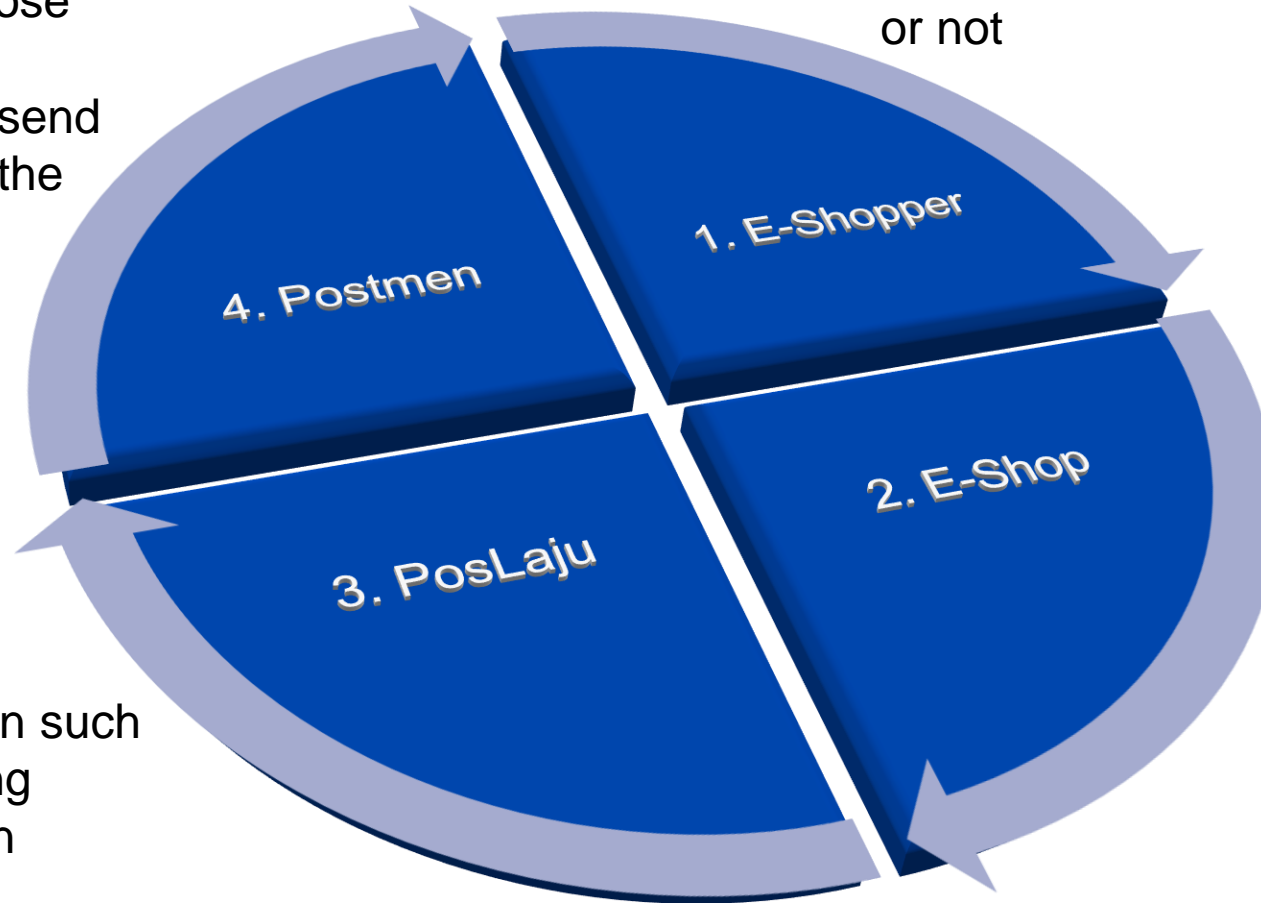
The e-shopper will be notified through the apps once the smart parcel is returned.

The member number will be attached to the tracking number for each delivery.

After the smart parcel is returned, through the apps, the e-shopper's member number will be detached from the tracking number and ready to be filled by the next user.

- ☐ Receive information from PosLaju
- ☐ Deliver the package accordingly
- ☐ Can scan the bar code of the packaging to know whose parcel is whose
- ☐ Help the e-shopper to send the smart bag back to the post office

- ☐ Key-in their member number
- ☐ An option either want to redeem discount/free postage or not



- ☐ Send all the information such as address and tracking number to the postmen through the apps
- ☐ Give points to the e-shopper for every usage of smart bag

- ☐ Send the products there and key-in the customer's member number
- ☐ The packaging will be done according to the customer's member and tracking numbers

REWARDS & POINTS



Package Weight (kg)	Points Received	Free Postage when Points Reaches
0.5	5	150
1.0	10	
2.0	20	
5.0	50	250
10.0	100	



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GOAL 12

Join us on our investment to create a new sustainable way of living and promotes healthy lifestyle

THANK YOU!

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