



PENANG'S GREEN JOURNEY



BY MS SITI NAJIHAH – PENANG GREEN COUNCIL



Topics We'll Cover

Our Talk Today

Penang's Green Initiative

Plastic Bag Journeys

No Single-use Plastic Campaign



PENANG AT A GLANCE

GENERAL DEMOGRAPHICS



1,049km²



1.77 million

* Source: Department of Survey and Mapping Malaysia. (2018)

PENANG LEADS

SINCE 2008

KEY SUSTAINABLE INITIATIVES

2008



Penang launches
"Cleaner, Greener
Penang" Campaign

2009



No Free Plastic Bags in
all supermarkets and
hypermarkets **every
Monday**

Ban on polystyrene
food containers

CAT (Central Area
Transit) free shuttle
bus service in
Georgetown

2011

No Free Plastic Bags in
all supermarkets and
hypermarkets **every
day**

Car free day in
Georgetown every
Sunday



2012

Penang kicks off bicycle lane plan of 350km

2013



Incentives for Green Building (GBI) Gold and Platinum certified buildings

BEST (Bridge Express Shuttle Transit) free shuttle in Georgetown

2015

Ban on shark's fin soup in all State's function

Food waste reduction initiatives

2016

Waste Segregation at Source Policy





—
Bicycle sharing
System as
alternative
transportation

—
Local council sets up
pocket parks

2017

—
Penang has planted
~271,000 trees since
2008

—
Converting
conventional
streetlights to LED

—
PGC introduces
Penang Green Agenda
(PGA)

—
Achieved recycling
rate of 38%



2018

Launch of 'No Single Use Plastic' campaign

Penang Chief Minister announces Penang's new vision

PENANG
2030

2019

Launch of 'Tak Nak Straw' campaign

'No Plastic Bag Day Every Monday' at participating outlets



2020 AND BEYOND

2020

- No Plastic Bags Day every Monday, Tuesday, & Wednesday
- No Single Use Plastic Campaign
- Penang Green Agenda
- Penang Green Hotel
- Disaster Management Unit
- 50% recycling rate in Penang

2030

“Penang2030: A Family-Focused, Green and Smart State that Inspires the Nation”

- Liveability
- Economy
- People
- Built environment

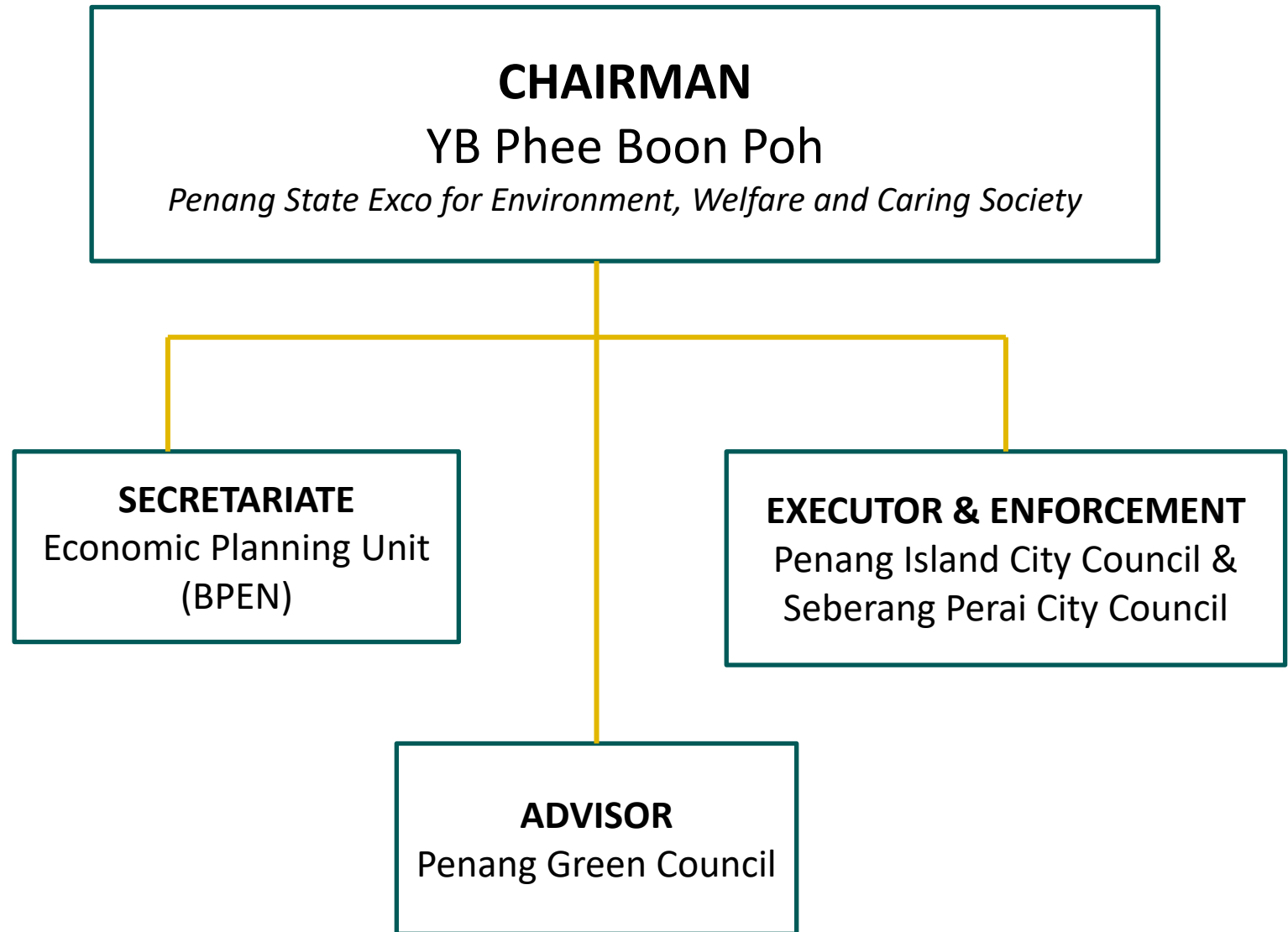


A clear plastic bag is shown floating in the ocean. The background is a deep blue sea with some sunlight filtering through the water. The bag is partially inflated and appears to be drifting.

**PLASTIC BAG
2.0**

Two hands are holding two iced coffee drinks in clear plastic cups. Each cup has a black straw. The drinks are condensation-covered and contain ice. The background is a blurred green field and a white building.

**NO SINGLE-USE
PLASTIC**





LOCAL GOVERNMENT ACT

- Impose additional rules for the renewal of business licenses under the provisions of **Section 107 (2) Local Government Act 1976** which is:-

“Tiap-tiap lesen atau permit yang diberi tertakluk kepada apa-apa syarat dan sekatan yang difikirkan patut oleh pihak berkuasa tempatan dan boleh dibatalkan oleh pihak berkuasa tempatan pada bila-bila masa tanpa memberi apa-apa sebab.”

NO PLASTIC BAG DAY CAMPAIGN



PLASTIC BAG JOURNEY IN PENANG

Since 2009



ROADMAP TOWARDS ZERO SINGLE-USE PLASTIC 2018-2030

ROADMAP TOWARDS ZERO SINGLE-USE PLASTICS 2018-2030

Towards a Sustainable Future

- Roadmap Towards Zero Single-Use Plastics launched
- Institutional/Secretariat set up
- Communication, Education and Public Awareness (CEPA) Plan
- Technical guidelines
- Revised ECO001
- Rapid testing kit (starch)
- Regional cooperation (marine debris)



- Widespread uptake of bio bag nationwide to replace plastic bag
- Legal framework in place
- Federal pollution levy on plastic manufacturers
- Pollution charge to non-fixed premises
- Rapid testing kit (PHA)



- Scope extended to other single-use plastics



- Implementation Report

2018

2020

2022

2024

2026

2028

2030



Other single-use plastics - ECO001

NO SINGLE-USE PLASTIC CAMPAIGN

- No Plastic Straw Approach



- To **minimise the quantity of plastic straws** that is harmful to the environment in a short term through awareness programs and campaigns.
- To abolish thoroughly the use of plastic straws in the long run through enforcement

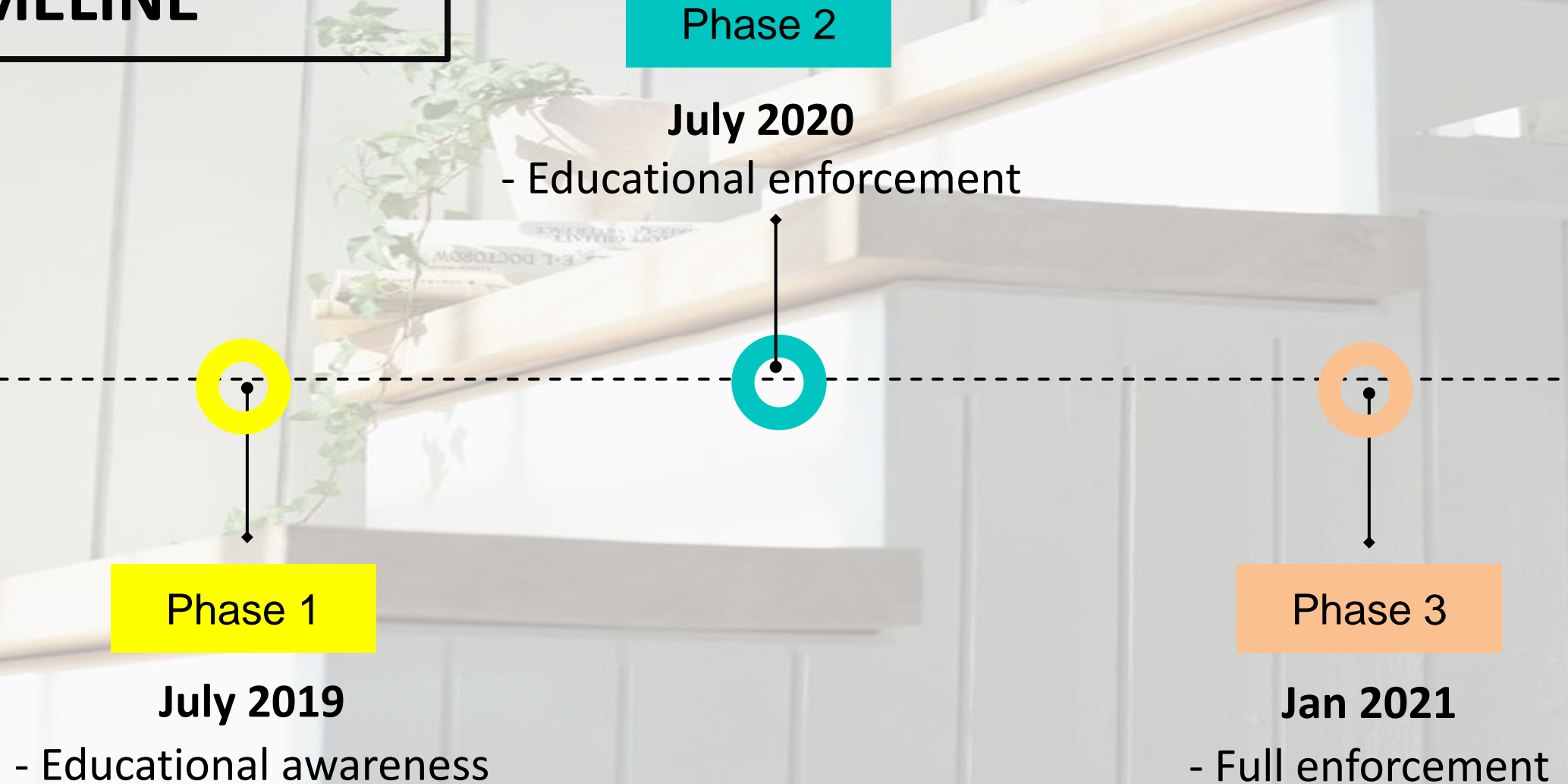
- Food and beverage premises will **no longer permitted to provide plastic straws in the room/corner/counter**
- Plastic straws will only be provided to consumers **upon request only**
- Food and beverage premises are allowed and **encouraged to use the substitutes items**



MECHANISM



TIMELINE



**It is more expensive to clean up tomorrow
than to prevent plastic pollution today!**





TERIMA KASIH

THANK YOU

谢谢

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Penang Green Council

46th Floor, KOMTAR, 10503 Penang, Malaysia.

TEL: +604-250 3321/ 2 FAX: +604-250 3323 www.pgc.com.my