



Localising Sustainable Development Goals (SDGs) Through Public Engagement In The Penang Local Governments

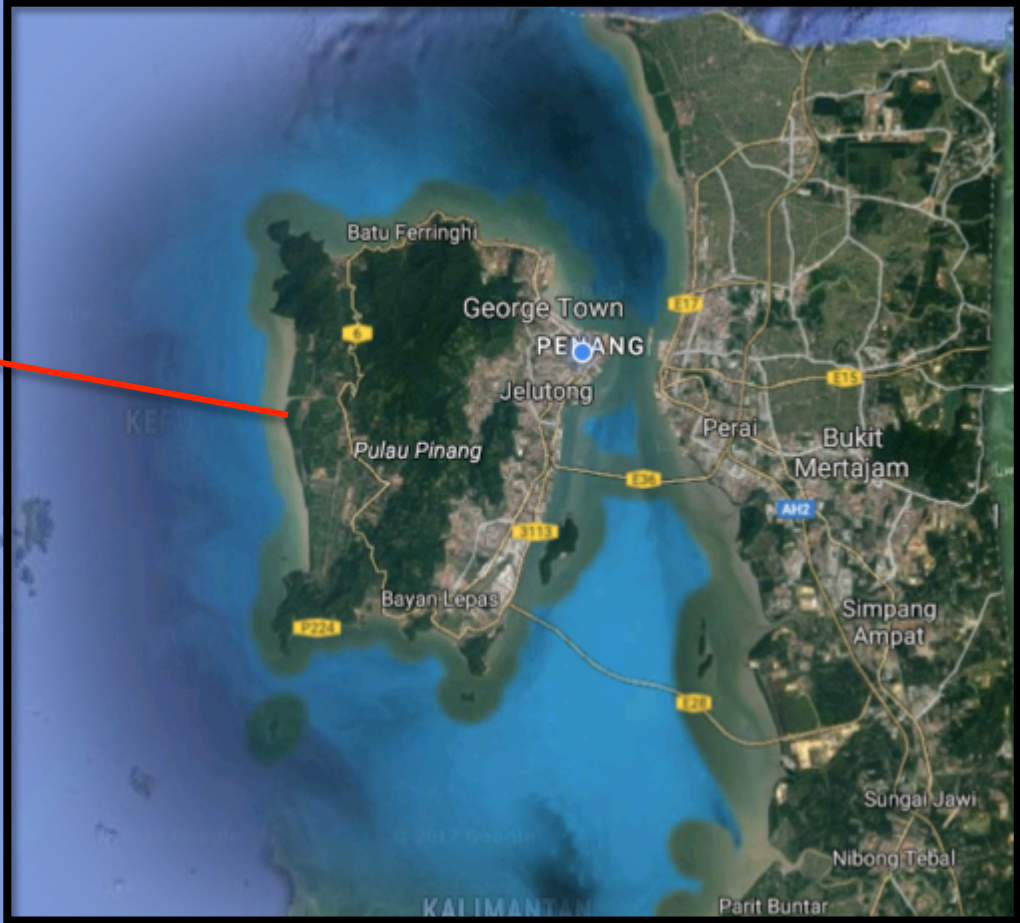
Presented By :
Dato' Maimunah Mohd Sharif
Mayor
City Council of Penang Island

25 October 2017 (Wednesday)



ONE | TEAM
VOICE
MISSION

"SUSTAINABLE CITY ● LIVEABLE CITY ● GREEN CITY ● SMART CITY"





PENANG STATE



POPULATION
1,746,300
RESIDENT



SIZE
106,241.35
HECTARE²



POPULATION
GROWTH
2.11%
PER YEAR



BUILD-UP AREA

33.39 %



WATER BODY

4.45 %



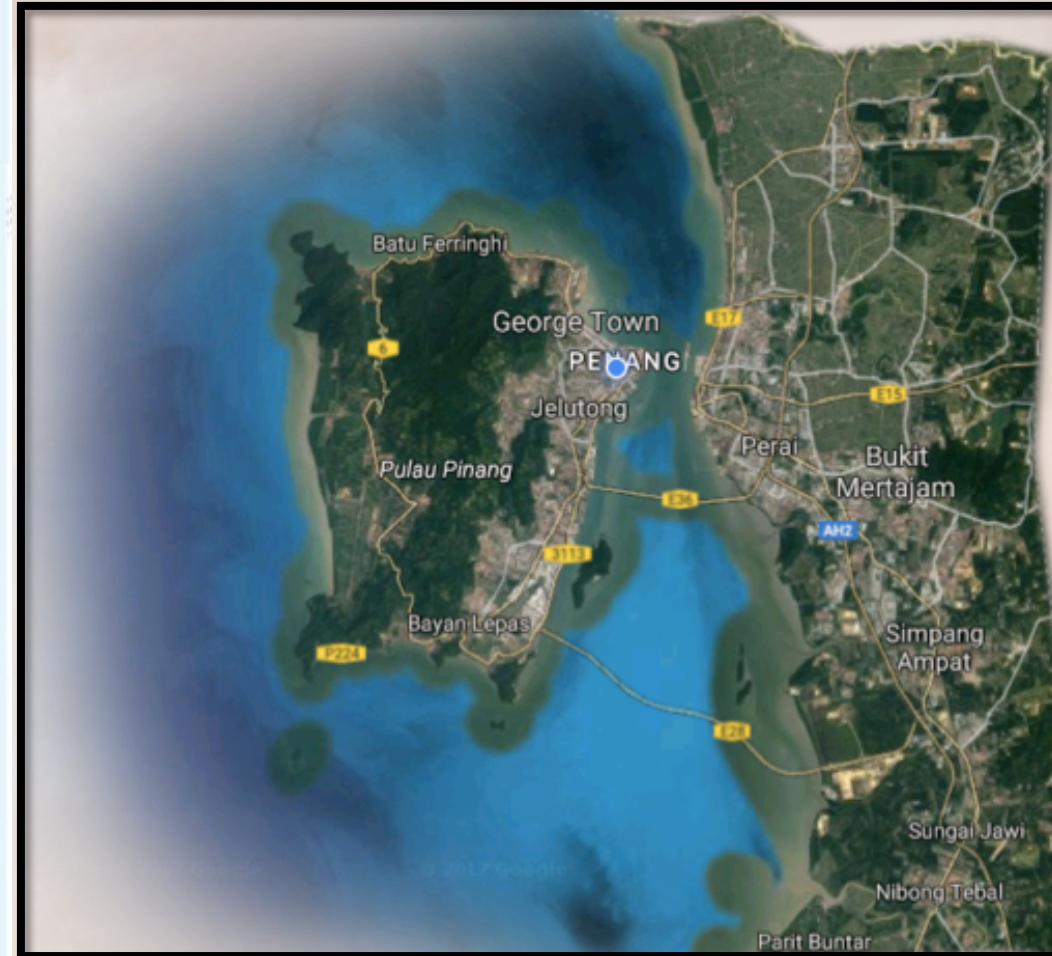
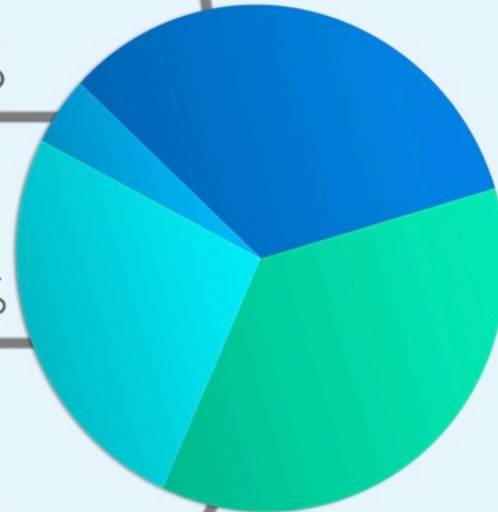
FOREST

25.79 %



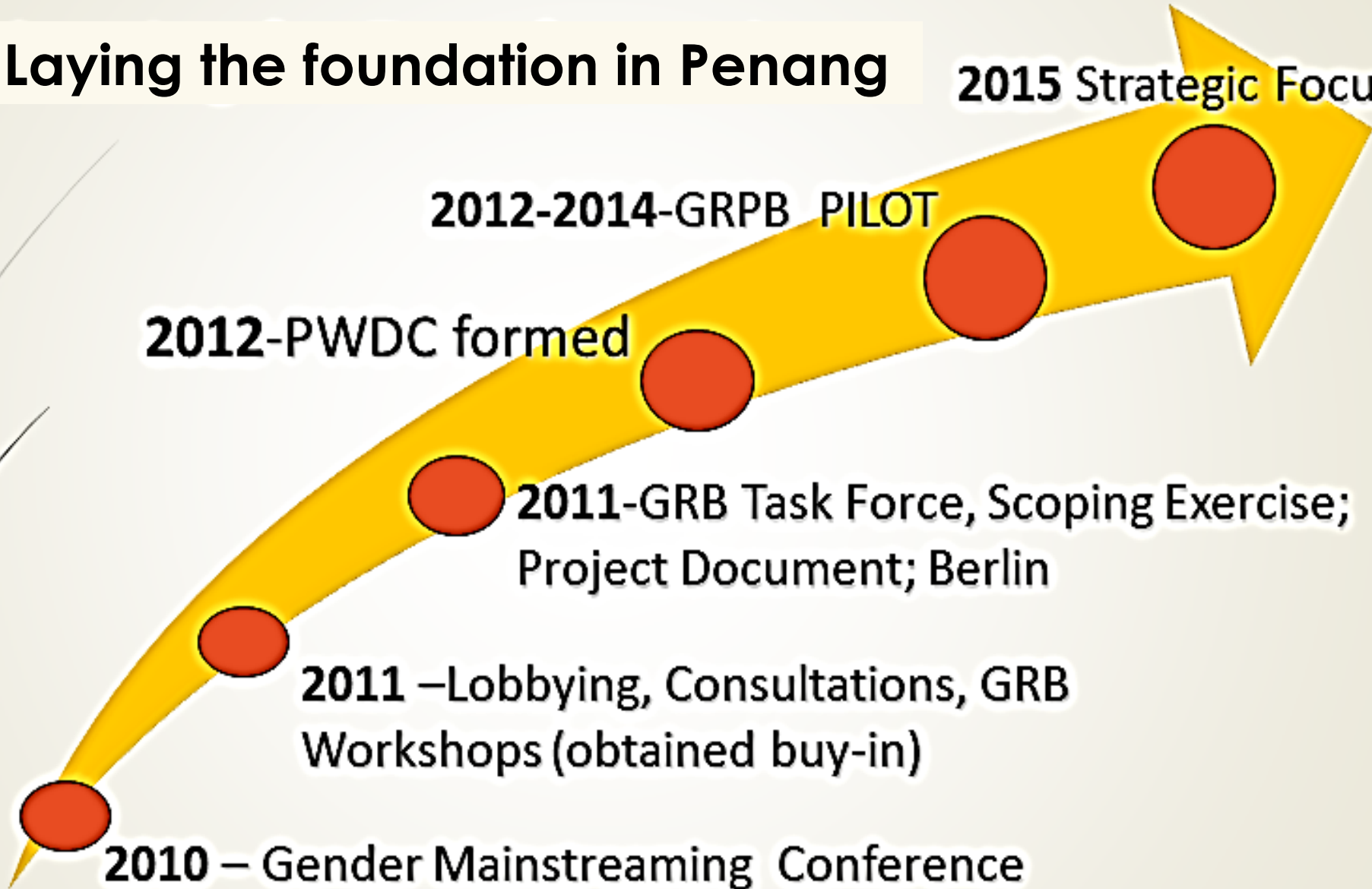
AGRICULTURE

36.37 %



Laying the foundation in Penang

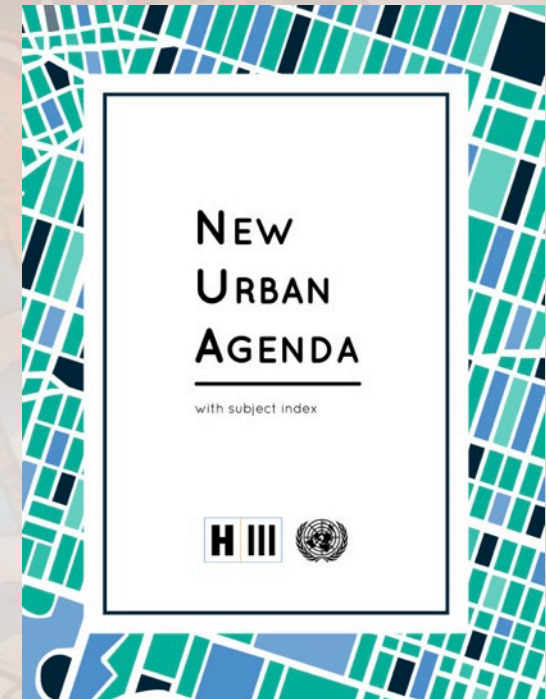
2015 Strategic Focus



Strategic
Plan
of
Action
2016
–
2018



SUSTAINABLE DEVELOPMENT GOALS



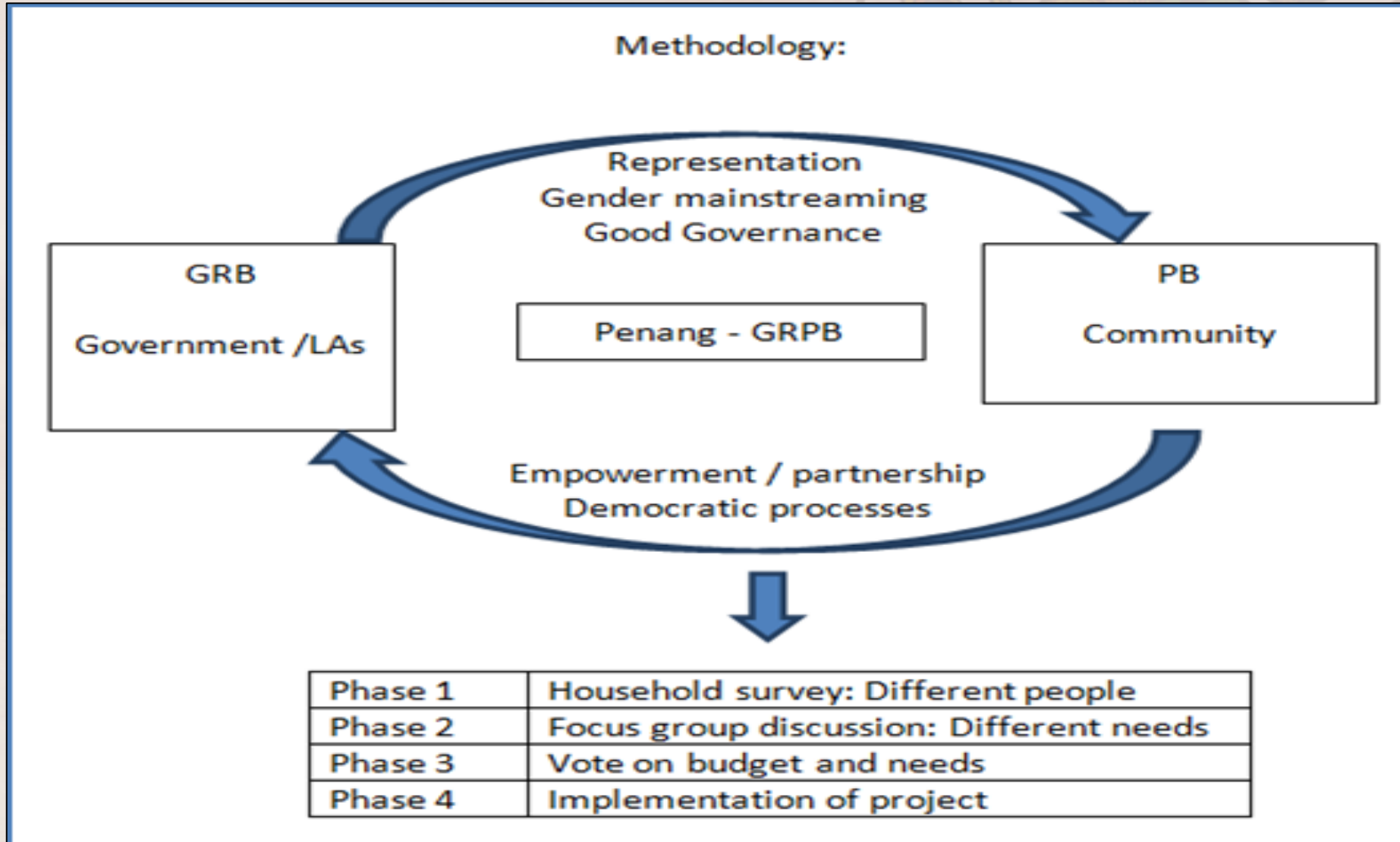
Leave no one behind
Leave no Mayor behind



Gender Responsive Participatory Budgeting (GRPB) in the Penang Local Government



GRPB THE PENANG MODEL

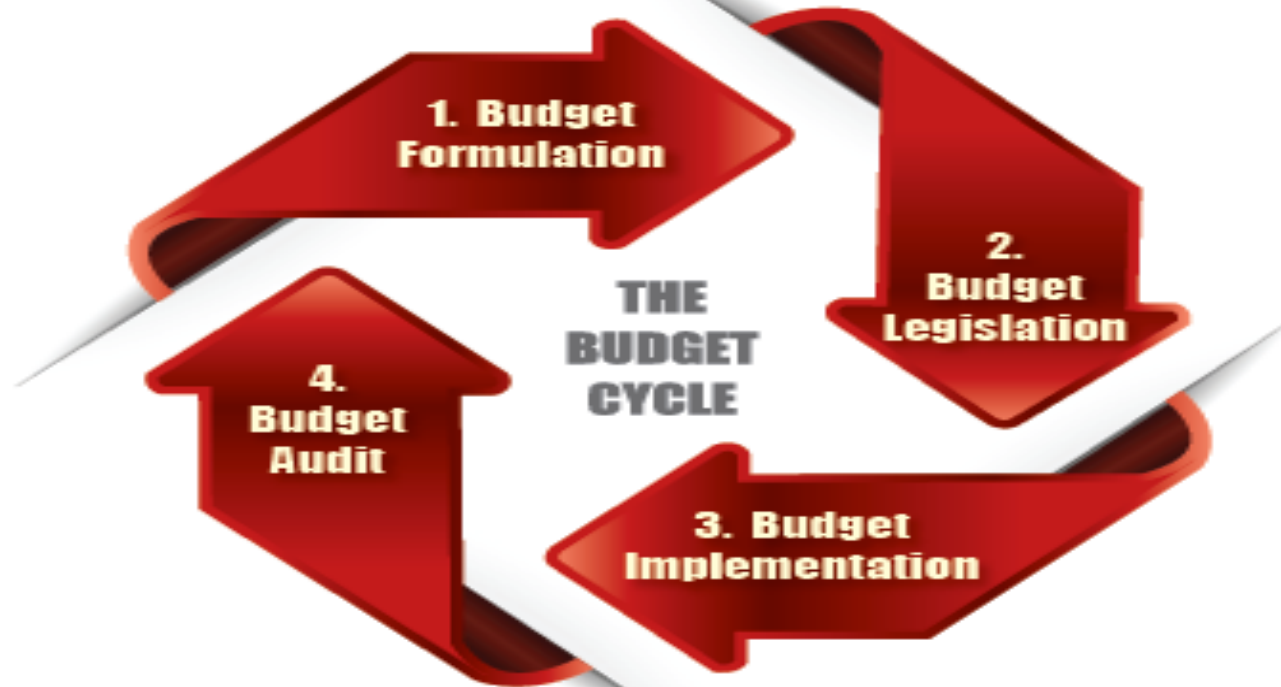


Different People, Different Needs, Limited Resources

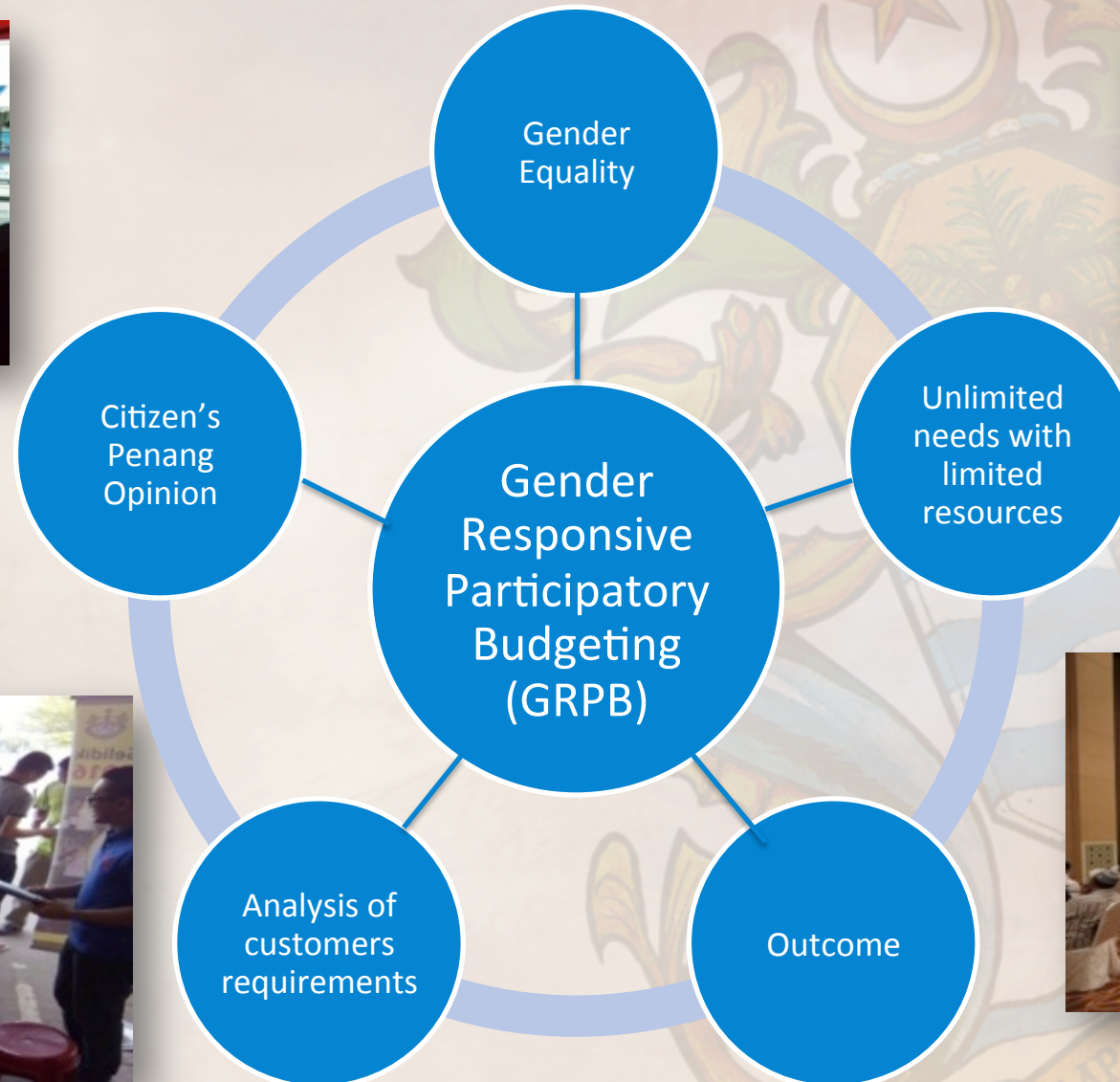


INTEGRATING GRPB INTO THE BUDGET CYCLE

A key part of the institutionalisation of GRPB is that we see and take the opportunities for GRPB to contribute at each stage of our budget cycle. The following diagram illustrates this:



Gender Responsive Participatory Budgeting (GRPB)



SURVEY ANALYSIS RESULT



CLEANLINESS



INFRASTRUCTURE
& PUBLIC
AMENITIES



FLOOD
MITIGATION



ROAD
SAFETY



BEAUTIFICATION
& GREENERY

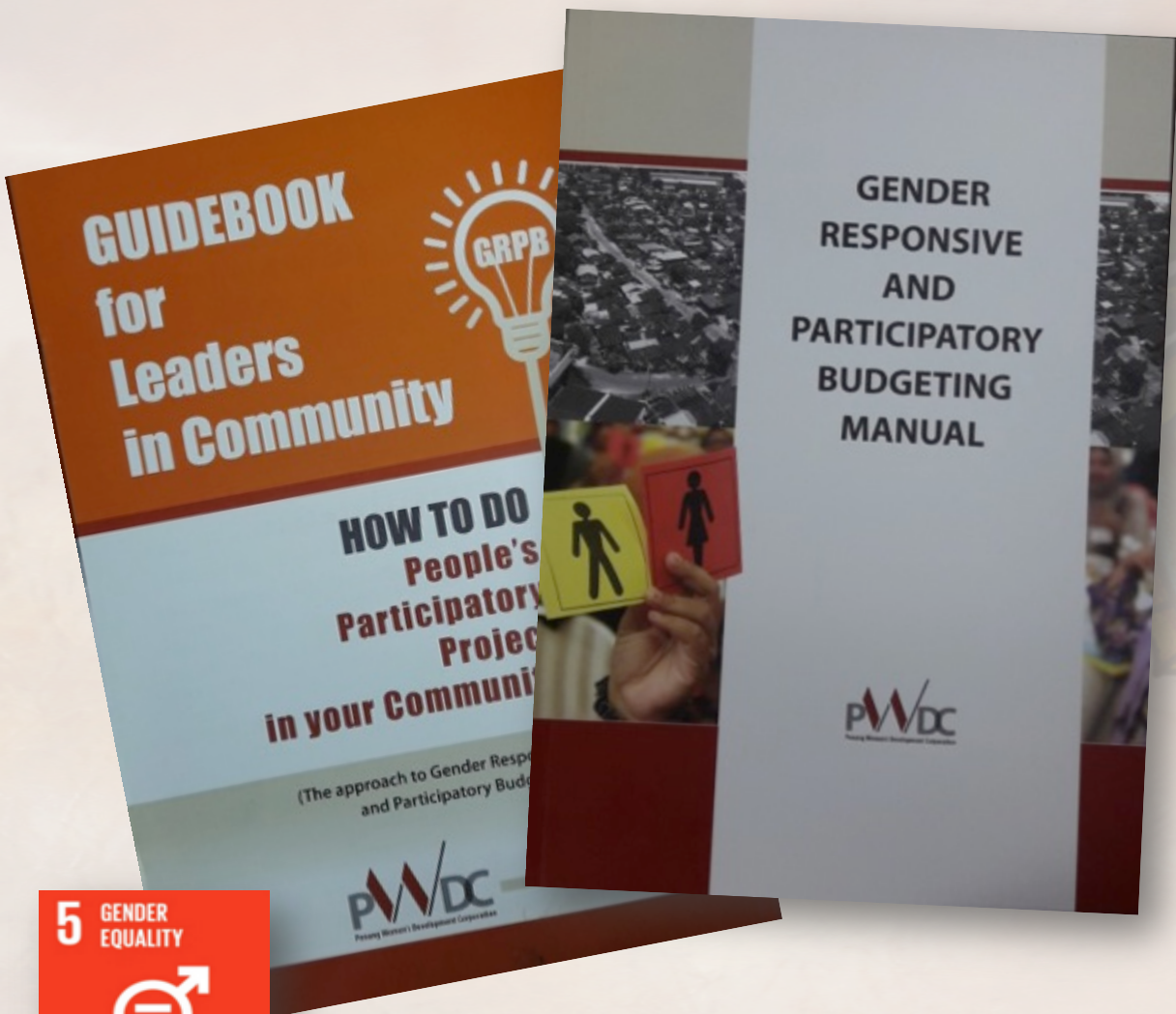


LAW
ENFORCEMENT



COMMUNITY
ENGAGEMENT





Gender Mainstreaming In **PENANG**



“TOWN HALL” SESSION DIALOGUE BUDGET 2017

HELD ON 26 MAY 2017

10,700 – BUDGET SURVEY

**COUNCIL MEMBERS, HEAD OF
DEPARTMENTS, GOVERNMENT AGENCIES,
THINKCITY, PWDC,
BRIGADE OF WOMEN, JKKK, NGO'S AND
CBO'S**



“TOWN HALL” SESSION DIALOGUE BUDGET 2018

HELD ON 10 JUN 2017

ATTENDED BY 100 PARTICIPANTS

**STATE ASSEMBLYMAN, COUNCIL MEMBERS,
HEAD OF DEPARTMENTS, GOVERNMENT
AGENCIES, PWDC, BRIGADE OF WOMEN,
JKKK, NGO'S AND CBO'S**



“Projek Kita/Our Project at PPR”





9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



11 SUSTAINABLE CITIES
AND COMMUNITIES



PPR JALAN SUNGAI



Before

- ✓ Dirty
- ✓ Unorganised
- ✓ Unsafe
- ✓ Dark
- ✓ Crime



After

- ✓ Clean
- ✓ Organised
- ✓ Safe
- ✓ Bright
- ✓ Less Vandalism
- ✓ Sense of Belonging

Facilities :-

- ✓ 529 residential units
- ✓ Rental @ RM102.00 per month (USD23)
- ✓ 5 units lift
- ✓ Children playground
- ✓ Car parks
- ✓ Community Hall
- ✓ Management Hall
- ✓ Resident's Office
- ✓ Badminton court

3 GOOD HEALTH
AND WELL-BEING



6 CLEAN WATER
AND SANITATION



7 AFFORDABLE AND
CLEAN ENERGY



PANGSA PPR AMPANGAN



Before

- ✓ Dirty
- ✓ Unorganised
- ✓ Unsafe
- ✓ Dark
- ✓ Crime



After

- ✓ Clean
- ✓ Organised
- ✓ Safe
- ✓ Bright
- ✓ Less Vandalism
- ✓ Sense of Belonging



Facilities :-

- ✓ 250 residential units
- ✓ Rental @ RM100.00 per month (USD22)
- ✓ 3 units lift
- ✓ Children playground
- ✓ Car parks
- ✓ Community Hall
- ✓ Management Hall
- ✓ Resident's Office
- ✓ Shop



Linear Park Sungai Ara



Solid Waste Management & Community Engagement

Limited Budget But Running the city using 4P's
Public • Private • People • Partnership

4P's



RETHINK REDUCE REUSE RECYCLE



Solid Waste Management

2015

✓ RM 102,055,802 (20.39% of total budget)

2016

✓ RM 107,870,859 (23.13% of total budget)

2017

✓ RM 114,877,288 (17.88% of total budget)

2018

✓ RM 132,683,970 (22.62% of total budget)

1. Recycling rate -28.36%

2. Collection and disposal of Solid Waste Management

-2016 -607.61 ton/day

-2017 -657.72 ton/day

3. Cost of tipping fee

-2016 – RM 4,492,190.13 @ Rm 20.20 per ton

-2017 – RM 3,476,934.81 @ Rm 22.22 per ton

4. Target recycling

-2017 -35%

-2018 -40%



Local Agenda 21

- ✓ Green School Award (149)
- ✓ Award for Schools- Recycling Program (82)
- ✓ Sustainable Community Award (36)
- ✓ Zero Waste
- ✓ Program- School (80)
- ✓ Zero Waste
- ✓ Program- Community (18)
- ✓ Flower Pot to Schools (189)
- ✓ Composting(316)
- ✓ Up-Cycle Programs
- ✓ Beautification Program
- ✓ Mud Ball (40)
- ✓ Eat till Finish- Campaign(139)
- ✓ Community farming (20)
- ✓ Awarding Recycling Bin to Schools And Kindergartens (238)
- ✓ Tetra Pack Collection (21)
- ✓ Soap From Used Cooking Oil
- ✓ BIM Liquid
- ✓ Workshops



GREEN SCHOOL AWARD



ZERO WASTE



ART OF RECYCLING



URBAN FARMING



Collaboration with the local Community & International Organizations

Local Community

- ✓ Penang Natural Green Organization (PNGO)
- ✓ Junior Chamber International (JCI)
- ✓ Buddhist Tzu Chi Foundation



Collaboration with the local Community & International Organizations

International Organisation

- ✓ Global Environmental Centre (GEC) &
- ✓ Climate & Clean Air Coalition (CCAC)
 - Research & Technical Visits
 - Regional Workshop on Waste Management
 - Pilot Project for Up-Scaling of Organic waste Diversion from Landfill at Chowrasta Market.

Local Collaboration

- ✓ Fraser & Neave (Malaya) Sdn. Bhd. (F&N) & Tetra Pak
 - School Recycling Competition
 - Contribution of bins “Art of Recycling”
- ✓ Shanpoornam Metal Sdn. Bhd.
- ✓ IRM Industries Sdn. Bhd.
 - Full Recovery Facility



Clean & Green Community Programme “Beautiful Neighbourhood”



Transformation of Armenian Park



Before

After

Youth Park



Activities & Programme



FESTIVAL



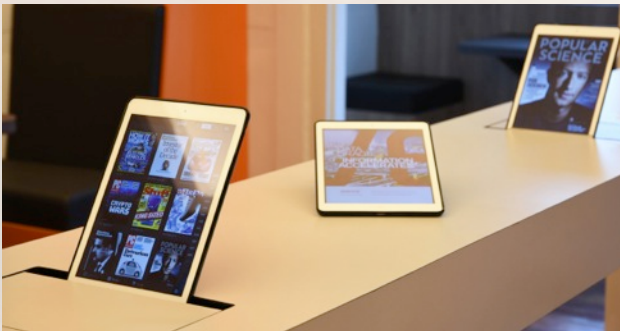


PENANG DIGITAL LIBRARY

An initiative by the Penang State Government in collaboration with :

- ✓ Eastern & Oriental Berhad (E&O)
- ✓ Keysight Technologies
- ✓ Supported by TIME

Aims to reengineer how information is curated and consumed in today's digitally-driven world and to bring back the “human” aspect of social collaboration



The Next Phase of
STEM Development



Space for Creativity &
Innovation



Platform to connect

BUSINESS PROCESSING OUTSOURCING

- ✓ The Penang government has played an important role in promoting the IT development of the city.
- ✓ Making it one of the preferred Asia technology bases of many international IT giants.
- ✓ Establishing our IT development centre in this dynamic city will provide us readily available local IT resources, a strong pool of multilingual talents, and good infrastructure support.



Creative
Animation
Triggers

Provision of five (5) Central Area Transit Buses (CAT) within George Town



7 AFFORDABLE AND
CLEAN ENERGY



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



13 CLIMATE
ACTION



BEST BUS (Bridge Express Shuttle Transit) Penang

- ✓ BEST Bus is a park-and-ride free shuttle bus service across the Penang Bridge between Seberang Perai and the Bayan Lepas FIZ.
- ✓ BEST Shuttle Bus services are implemented to reduce traffic congestion during peak hours across the Penang Bridge and to reduce the financial burden of workers having to commute across the bridge.
- ✓ 16 Rapid Penang buses are placed to run three different routes namely BEST A, BEST B and BEST C





Hop-On Hop-off

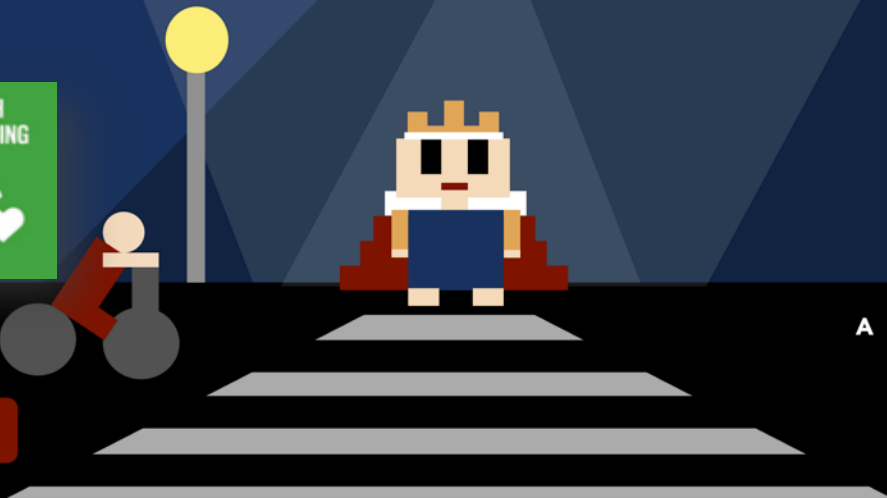
- ✓ The Penang Hop-On Hop-off covers all relevant attractions of Penang with 2 routes (city and beach route).
- ✓ Tickets are valid for 24 or 48 hours.





MAKE OUR CITY PEDESTRIAN-FRIENDLY

3 GOOD HEALTH
AND WELL-BEING



A PROJECT BY



PEDESTRIANS SHALL BE KING!

- ✓ A campaign launched in November 2016 to improve Penang's low walkability index and address the growing number of apathetic motorists on the road.
- ✓ An initiative of the Penang Island City Council (MBPP), the "Pedestrian is King" campaign aspires to make the island a safe haven for pedestrians.

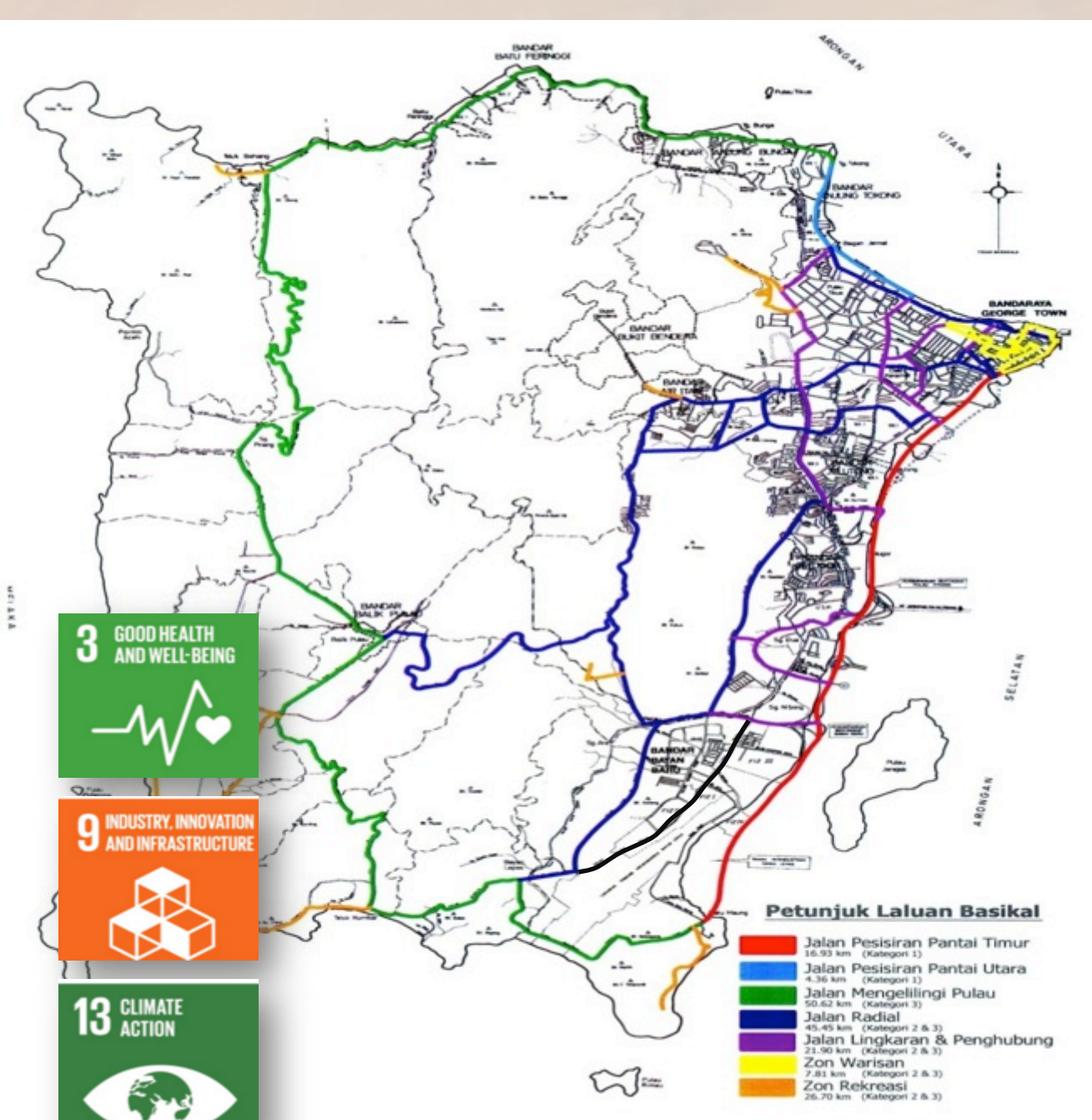


Inspiring Using Minds Towards STEM

- ✓ Penang aims to be a Centre of Excellence (COE) for Science and Technology .
- ✓ This COE revolves around STEM teaching of Science, Technology, Engineering, Mathematics (STEM).
- ✓ The State offers scholarships for local university graduates not only in STEM but also in vocational training.



STEM



TYPES OF BICYCLE LANE AND LENGTH

- Eastern Coastal Route, 16.93km (Category 1)
- Northern Coastal Route, 4.36 km (Category 1)
- Round the Island Route , 50.62 km (Category 3)
- Radial Route , 45.45 km (Category 2 & 3)
- Ring & Connector Routes, 21.9 km (Category 2 & 3)
- Heritage Route 7.8 km (Category 2 & 3)
- Recreational Route 26.70 km (Category 2 & 3)
- Bayan Lepas Free Trade Zone to Airport Route 5.3 km (Category 1)

Jumlah jarak laluan basikal: 179 km

3 GOOD HEALTH AND WELL-BEING



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



13 CLIMATE ACTION



BICYCLE SHARING SYSTEM



✓ 25 STATIONS
✓ 250 BICYCLES
Localising Sustainable Development Goals (SDGs)

GREEN ROAD SHARING CONCEPT: PADANG KOTA LAMA – GAMA

3 GOOD HEALTH AND WELL-BEING

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

13 CLIMATE ACTION

PROPOSED SITE FOR BACK LANES UPGRADING

BICYCLE NETWORK

BICYCLE SHARING STATION

Localising Sustainable Development Goals (SDGs)

42





SPIRAL RAMP



3 GOOD HEALTH
AND WELL-BEING



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



13 CLIMATE
ACTION



Heritage Management



Jabatan Konservasi Warisan,
Majlis Bandaraya Pulau Pinang



Adaptive Reuse



Penaga Hotel



Yeng Keng Hotel



Royale Chulan Hotel

Penang Street Arts



Cuisines



LAKSA

KESOM | CUCUMBER | PINEAPPLE | MINT | MACKEREL | GALANGAL | RICE PAPER

Presenting a local favourite in two different textures, soft & crispy served with a fusion of herbs and traditional favourites

- RM25 -



JIU HU CHAR

TURNIP | PIE TEE CUP | CHINESE BUN | CHICKEN LOLLIPOP | JAPANESE BEANCURD

Nyonya stir fried turnip reinvented into a tantalising meal

- RM22 -



SAMOSA

POTATO | CURRY POWDER | ONION | CHICKEN

Bringing the traditional samosa to another level of savoury treats

- RM15 -



NYONYA

PENDANG | BUTTERFLY PEA FLOWER | COCONUT RICE | ACHAR | OTAK OTAK

Signature blue Nyonya rice plate incorporating various flavourful sides into one impressive ensemble

- RM25 -



TANDOORI

TANDOORI | CHICKEN | MASALA | GHEE RICE | YOGURT | PAPADUM

We fused different traditional Indian delight and modern cooking to present tandoori chicken and lamb shank served with ravioli and herbs

- RM28 -



MANGO KERABU

WITH DEHYDRATED SALAD

GO | PLUM SUGAR | TORCH GINGER | FISH | LIME | PEANUT | DEHYDRATED MANGO & TOMATO

Traditional mango salad with a contrasting twist

- RM22 -



OR KAK

CHICKEN CHAR SIEW | SAMBAL PRAWN | SARDINE

Fried yam dumplings in a unique presentation

- RM15 -



KARI

CHICKEN | SPICES | COCONUT MILK | POTATOES | PUFF PASTRY

Our authentic chicken curry pot pie served with Benggal broad

- RM25 -

11 SUSTAINABLE CITIES AND COMMUNITIES



Culture & Heritage

- ✓ Unesco World Heritage Site



✓ Religions



✓ Events



✓ The Green- Lung of Penang & Eco Tourism

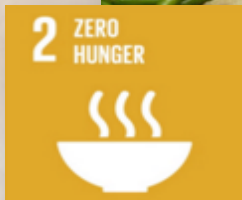


✓ Adventure & Nature



Food & Lifestyle

✓ Food & Beverage



✓ Shopping & Health Tourism



✓ Entertainment



✓ Events





INSTALLATION OF LED LIGHTS WITHIN THE CITY COUNCIL OF PENANG ISLAND'S AREA

- ✓ Changing of 6217 units of HPSV type street lights to LED lights within the City Council of Penang Island's area.
- ✓ Number of street lights according to power rating

Power	Number
70W	4
150W	3768
250W	1841
400W	604

- ✓ The main objective of the proposal is to realise the state government's aspiration of reducing electricity cost, maintenance cost and encouraging green technology as well as involvement of companies in the LED products industry in green technology.
- ✓ The Council estimates a reduction in use of energy by 50% after 6217 lights are changed to LED lights.
- ✓ The first phase is expected to begin in October 2017 and all the 18,000 street lights are expected to be completely changed by the year 2020.



WHO CARES? WE CARE!

Localising Sustainable Development Goals (SDGs)

Bayan Lepas Expressway



Jalan Patani Market Area



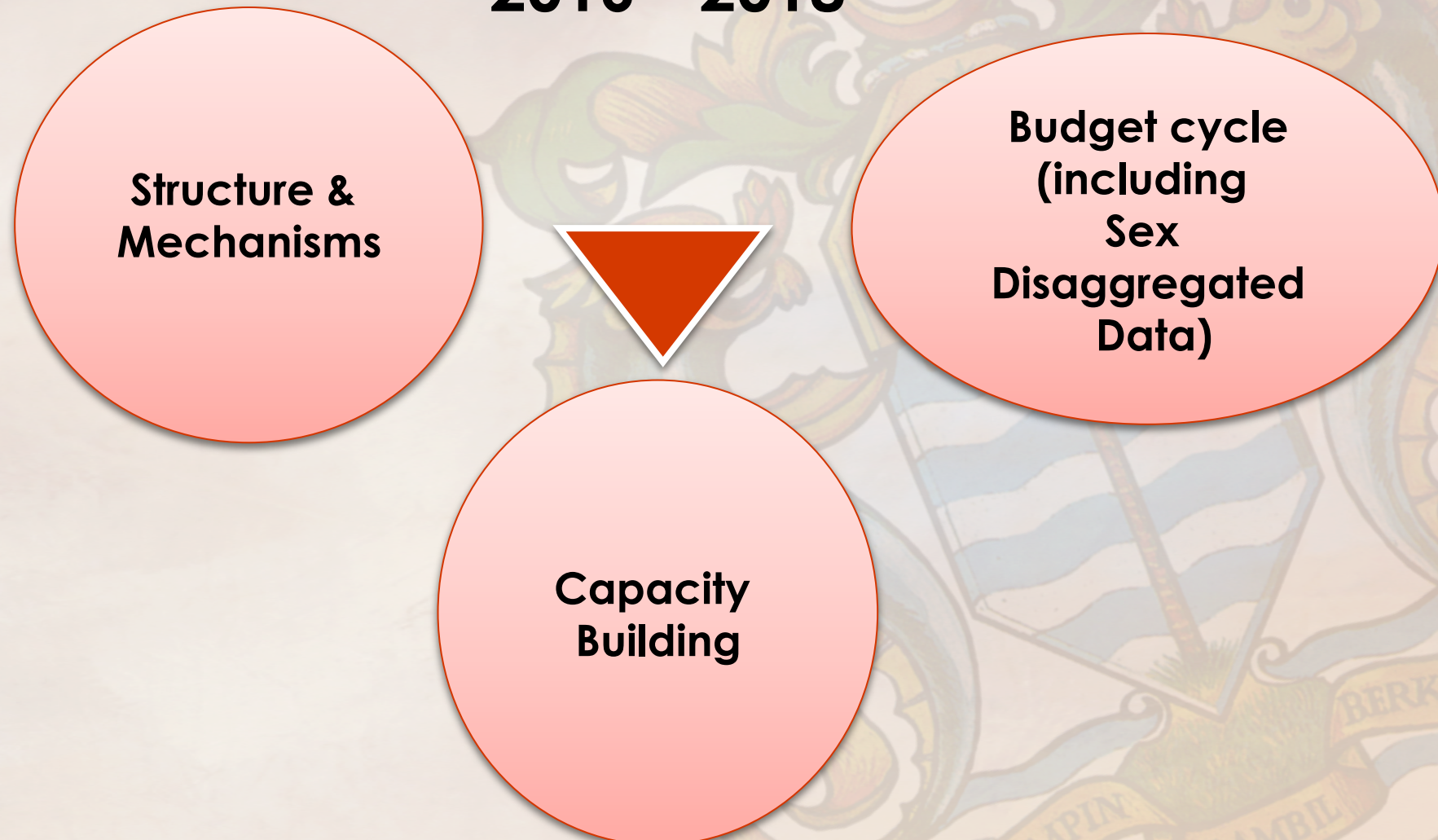
Bayan Lepas Expressway



CCTV MBPP



STRATEGIC PLAN OF ACTION : Institutionalising GRPB in the Penang Local Government 2016 - 2018



11 SUSTAINABLE CITIES AND COMMUNITIES



GOALS 11:
Make cities and human settlements inclusive, safe, resilient and sustainable



Investment



Legal & Policies Framework



Community Engagement



Public Spaces



3 GOOD HEALTH
AND WELL-BEING



13 CLIMATE
ACTION



