



PENANG
GREEN COUNCIL

RE-SYNERGISING

2015 – 2019 SUSTAINABILITY REPORT

FOREWARD

Welcome to our 2015 – 2019 Sustainability Report: RE-SYNERGISING

I still remember the first day I stepped into the PGC's office. It was a quiet, cosy and comfortable working environment. I was given a warm welcome by a group of energetic young people who were apparently PGCians. I would like to convey my sincere appreciation to Ms Thing Siew Shuen, the previous General Manager who has laid an excellent foundation for Penang Green Council over the past eight years since its establishment.

As I took over the baton from her, I understand that the venerable mission of upholding the green initiatives and environment policies of Penang is now my duty. No man is an island. Every one of us has a role to play in ensuring that we do not hand over a world beyond repair to our children. No challenge poses a more significant threat to our future generations and our planet than climate crisis that we are facing now. Indeed climate crises have a profound impact on humankind, and everyone is going through it now.

One of the challenges I am facing now is "To what extent can we bring PGC to the future?" Penang Green Council has been doing great in initiating and promoting Penang Green Initiatives, Environment Education and Awareness, which made Penang proudly announced

and recognised as one of the leading states for green practices. We, PGCians understand that addressing global warming and knowing that the world is facing climate crisis is the way of seeing the world, a way of being in the world, a pathway to understanding that human systems created the problem and thus the cure is within the whole of the system.

Today, I am proud to announce that PGC is synergised and ready to be elevated to the next level. With the strong baseline the team worked hard previously, we are prepared to expand our vision and mission with a new strategic framework. Moving forward, PGC will be the central hub of harnessing green technologies and supporting holistic green initiatives to achieve a sustainable and resilient Penang. Again, it is an honour for me to be the newly appointed GM of Penang Green Council. I will continue the passionate flame of the team and ensure that it continues burning bright in touching souls and making impactful changes to our lives. Together, let's break the climate silence, act and make a difference.

Thank you.



JOSEPHINE TAN MEI LING
General Manager of Penang Green Council



TABLE OF CONTENTS

2 / FOREWARD Welcome to our 2015 – 2019 Sustainability Report: RE-SYNERGIZING

3 / TABLE OF CONTENTS

4 / EXECUTIVE STATEMENT A Message from The Right Honourable Chief Minister of Penang

5 / ABOUT PENANG GREEN COUNCIL 2011-2019

6 / WHO WE ARE

7 / BOARD OF DIRECTORS

8 / ORGANIZATION CHART

9 / FIVE YEARS IN REVIEW

14 / SUSTAINABILITY REPERTOIRE

15	COMMUNITY OUTREACH	
	Environmental Camps & Workshops	15
	Zero Waste Network	16
	Used Light Tubes And Batteries (TUBA) Collection	16
	Green Map	17
	Waste Segregation At Source (WSAS)	18
	Step By Step Project	19
20	AWARDS & INCENTIVES	
	Penang Green School Award	20
	Penang Green Kindy Incentive	20
	Penang Green Office Project	21
	Penang Rainwater Harvesting Incentive	22
	Food Waste Challenge Incentive	22
	Penang Green Journalism Award	23
	Penang Environmental Sustainability Award & Stewardship Award	24
25	RESEARCH & POLICY	
	Penang Green Agenda	25
	Carbon Reporting	26
	Penang Green Data	27
	Public Survey	29
29	OTHERS	
	Penang Green Citizenship	29
	Green Café	30
	Greenies Of Malaysia	30
	MMK Projects	31
32	MAJOR EVENT	
	Penang International Green Conference And Exhibition	32
	Penang Green Idol	33
	Green Pinang Award Presentation	33

34 / THE NEXT FIVE YEARS

35 / APPENDIX

35	PENANG GREEN SCHOOL AWARDS
36	PENANG GREEN OFFICE PROJECT
38	PENANG RAINWATER HARVESTING INCENTIVE (APPLICANTS)
	FOOD WASTE CHALLENGE INCENTIVE (APPLICANTS)
39	PENANG GREEN JOURNALISM AWARD
41	PENANG ENVIRONMENTAL SUSTAINABILITY AWARD & STEWARDSHIP AWARD

EXECUTIVE STATEMENT

A MESSAGE FROM THE RIGHT HONOURABLE CHIEF MINISTER OF PENANG



YAB CHOW KON YEOW

CHAIRMAN

Chief Minister of Penang

For the past five years, Penang has been undergoing significant changes in preparation to

become cleaner, greener and smarter. In the process, we have all invested heavily and striven to scale up everyone's knowledge, policy response and capacity in our transition to embrace a greener economy and smarter city so that our vision will be a success.

In 2018, I launched the Penang2030 vision to precipitate our leap to smart city status. Our holistic action plan includes four main themes that form the pillars of that vision. These include the smart and effective use of data, built environment, proper management of resources and inculcating human talents. The key is to build a resilient State that will be able to endure future changes and keep up with the fast-moving world we live in. I believe Penang2030 will be the guide for the development of the State in the coming decades or what lies beyond as we venture into uncharted territory.

Penang Green Council (PGC) plays a vital role in ensuring the success of Penang2030. From education through activities to certification and incentivized actions, PGC takes measures at all levels to provide exposure for the people from all walks of life to the much-needed knowledge and network to equip them for change.

The green initiatives of Penang are also aligned with the national policies chartered under the former Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC). Together we want to promote green and efficient energy, create better resistance to climate change and boost our economic growth through science and technology. Our green vision adoption is also aligned with the Sustainable Development Goals (SDGs) of the United Nations to ensure our initiatives create the right impact globally as well.

Our green innovation moving forward should revolve around the circular economy to create an even more significant impact when it comes to sustainability. All of us as stakeholders not only shoulder our respective responsibilities in the green economy but we must collectively strive for its success in whichever station we find ourselves in. Leaders, governments, policymakers and change influencers must empower the public to adopt green lifestyles while the general public should participate in creating a sustainable world.

Changes will not take place if we just sit idly and watch the world go by. It takes action and courage to create a ripple effect of change in people. I believe that we, Penangites, have the will to drive the change that we want in creating a better Penang, a better HOME for each and every one of us.

A handwritten signature in black ink, appearing to read 'Chow Kon Yeow'.

YAB CHOW KON YEOW

ABOUT PENANG GREEN COUNCIL 2011-2019



● VISION

- Penang as a green state that is clean, safe, and harnesses green technology that falls in line with Penang's Vision 2030 of a family-focused, green, and smart state that inspires the nation.

● MISSION

- To enable, empower, and enrich all stakeholders in practising sustainable development that protects the environment and quality of life.

● OBJECTIVES

- To continually raise awareness on climate change and resource efficiency (waste reduction, water conservation and energy conservation)
- To assist the State Government in achieving a recycling rate of 40% by 2020
- To assist the State Government in reducing daily domestic water consumption to 233 litres per capita
- To support the National Policy in promoting energy efficiency, renewable energy, and reducing Greenhouse Gases

● STRATEGIES

- Initiating and organizing community projects, capacity building activities, awareness campaigns on climate change and resource efficiency (waste reduction, water conservation, energy conservation)
- Tailoring outreach programs for sub-urban communities and youth to increase involvement
- Rewarding and incentivising organisations or individuals for significant contributions to environmental sustainability in Penang
- Undertaking research that will help to understand human perception and behaviour and to facilitate the process of environmental policy-making
- Providing platforms for stakeholders to showcase their initiatives, proven green technologies or products

WHO WE ARE



Continually chartering activities and programmes to transform Penang into a charming green state progressively

Established in 2011 by the Penang State Government as a non-profit governmental organisation, PGC Strategies Sdn. Bhd. [Penang Green Council (PGC)] is mandated to nurture, facilitate, and coordinate environmental causes in Penang.

Our initiatives unite Penangites in realising our vision, ***Penang as a Green State that is Clean, Safe, and Harnesses Green Technology.*** We seek to empower everyone in practicing sustainable habits that preserve our city and home because after all, everything should begin with home.

The passionate team of PGC aspires to advocate and educate the public through our green initiatives, programmes and activities. We want to promote and improve the quality of our livelihood through preservation and conservation of the environment.

The passion of transforming Penang into a beautiful, sustainable green place to call home is at the heart of every single member of The Council.



BOARD OF DIRECTORS

YAB CHOW KON YEOW

CHAIRMAN

Chief Minister of Penang



YB PHEE BOON POH

VICE CHAIRMAN

Penang State Exco Member
for Welfare, Caring Society and
Environment



**DATO' DR.
LEONG YUEH KWONG**
BOARD MEMBER

Retired academician
with areas of interest
and expertise in ecology
environmental conservation
and management, sustainable
development issues,
botanical gardens planning
and development.



**DATO' AR. LAWRENCE
LIM HUA KWANG**
BOARD MEMBER

Malaysia Green Building
Confederation (MGBC)
Northern Chapter Former
Chairman

Pertubuhan Akitek Malaysia
(PAM)
Northern Chapter Past
Chairman



**YB SYERLEENA
ABDUL RASHID**
BOARD MEMBER

State Assemblywoman for
Seri Delima



YB LEE KHAI LOON
BOARD MEMBER

State Assemblyman for
Machong Bubok



**BAYLON
THAM WAI LEONG**
BOARD MEMBER

MGBC Northern Chapter
Immediate Past Chairman



DR. HEZRI ADNAN
BOARD MEMBER

Fellow of the Academy of
Sciences Malaysia

Visiting Research Scholar
Center for Southeast Asian
Studies.
Kyoto University



HENG YEH SHIUAN
BOARD MEMBER

Majlis Bandaraya
Seberang Perai



LEE ENG HAI
BOARD MEMBER

Chairman of Persatuan
Usahawan Maju Malaysia
(PUMM) Penang State Liaison

CEO of Smarter Computer
Sdn. Bhd.

Advisory Panel:

- City Council of Penang Island (MBPP)
- City Council of Seberang Perai (MBSP)
- Department of Environment
- Penang State Forestry Department
- Penang State Education Department
- Perbadanan Bekalan Air (PBA)

ORGANIZATION CHART

BOARD OF DIRECTORS



JOSEPHINE TAN MEI LING
General Manager



HOO HUEY CHING
Assistant General Manager



REVIEW 2019

MAJOR EVENTS



13 April

Earth Day Celebration:
Penang Green Idol Poem
Reciting Competition,
Penang Hill



23 June

Zero Waste Barter Trade,
Straits Quay



27 – 29 September

Penang International Green
Conference and Exhibition,
Gurney Paragon



21 November

Green Pinang Award
Presentation, St. Giles
Wembley Hotel

PROJECTS & PROGRAMMES



Community Outreach

- Waste Segregation at Source Campaign
- Green Camps and Workshops
- Zero Waste Network
- Training of Trainers
- Green Map



Awards & Incentives

- Penang Green Office Certification
- Rainwater Harvesting Incentive
- Penang Green School Award
- Penang Green Journalism Award
- Penang Environmental Stewardship Award
- Penang Environmental Sustainability Award
- Green Event Incentive
- Green Kindy Incentive



Research & Policy

- Carbon Reporting
- Penang Green Agenda
- Green Data



Communications

- Publications/Social Media
- Penang Green Citizen
- Green Café
- Greenies of Malaysia



Supporting MMK

- No Single-Use Plastic



REVIEW 2018

MAJOR EVENTS



14 – 15 January

Sustainable Penang Symposium, Komtar



8 April

Earth Day Celebration: Penang Green Idol Talent Contest



3 – 5 August

Penang Mini Green Carnival, Juru Auto City



29 November

Green Pinang Award Presentation, Sunway Hotel Seberang Jaya

PROJECTS & PROGRAMMES



Community Outreach

- Waste Segregation at Source Campaign
- Environmental Camps and Workshops
- Zero Waste Network
- Youth For Environmental Sustainability Programme
- Green Map



Awards & Incentives

- Penang Green Office Project
- Penang Green School Award
- Penang Green Journalism Award
- Penang Green Citizen
- Rainwater Harvesting Incentive
- Food Waste Challenge Incentive



Research & Policy

- Carbon Reporting
- Penang Green Agenda
- Green Data
- Public Survey



Communications

- Publications/Social Media
- Green Café
- Greenies of Malaysia



Supporting MMK

- No Single Use Plastic Survey
- No Single Use Plastic Poster Drawing Competition
- Survey on Runners For Green Marathon



REVIEW 2017

MAJOR EVENTS



PROJECTS & PROGRAMMES



Community Outreach

- Waste Segregation at Source Campaign
- Environmental Camps and Workshops:
 - Green Camps
 - Water Science workshop
 - Youth Camp
 - W3 (Women, Water & Waste) Workshop
 - "Buy & Throw?" Consumerism Thinking Cap
 - Training of Trainers (ToT) Workshop
- Zero Waste Network
- Trainers' Manual / Guidebook
- STEP by step Project – *Halaman Kampung Tercantik*



Awards & Incentives

- Penang Green Office Project
- Penang Green School Award
- Penang Green Journalism Award
- Penang Environmental Stewardship Award
- Penang Environmental Sustainability Award
- Penang Green Citizen
- Food Waste Challenge Incentive



Research & Policy

- Carbon Reporting
- Penang Green Agenda
- Green Data
- Public Survey



Communications

- Publications/Social Media
- Green Café



REVIEW 2016

MAJOR EVENTS



PROJECTS & PROGRAMMES



Community Outreach

- Waste Segregation at Source Campaign
- Environmental Camps and Workshops:
 - Green Camps
 - Water Science workshop
 - Youth Camp
 - W3 (Women, Water & Waste) Workshop
 - "Buy & Throw?" Consumerism Thinking Cap
- Zero Waste Network
- Trainers' Manual / Guidebook
- STEP by step Project – *Halaman Kampung Tercantik*



Awards & Incentives

- Penang Green Office Project
- Penang Green Innovation Incentive
- Penang Green School Award
- Penang Green Journalism Award
- Penang Green Video Contest
- Penang Environmental Stewardship Award
- Penang Environmental Sustainability Award
- Penang Rainwater Harvesting Incentive (PRHI)



Research & Policy

- Carbon Reporting
- Penang Green Agenda
- Green Data
- Public Survey



Communications

- Publications/Social Media
- Green Café
- Greenies of Malaysia



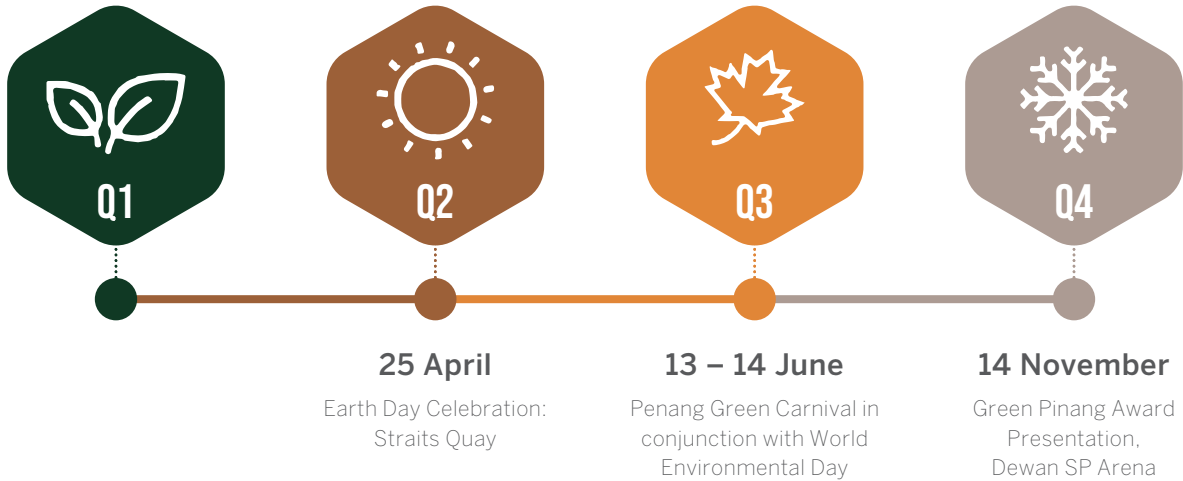
Supporting MMK

- No Single Use Plastic Survey
- No Single Use Plastic Poster Drawing Competition
- Survey on Runners For Green Marathon



REVIEW 2015

MAJOR EVENTS



PROJECTS & PROGRAMMES



Community Outreach

- House-to-house campaign
- Green Camps
- Water Science workshop
- Youth Camp
- W3 (Women, Water & Waste) Workshop
- Zero Waste Network



Awards & Incentives

- Penang Green Office Project
- Penang Green Innovation Incentive
- Penang Green School Award
- Penang Green Journalism Award
- Penang Green Video Contest
- Penang Environmental Stewardship Award
- Penang Environmental Sustainability Award
- Penang Rainwater Harvesting Incentive (PRHI)
- Green Pinang Certificate of Appreciation



Research & Policy

- Public Survey: Human Behaviour towards Recycling Practices & Waste Segregation Year 2015
- Carbon Reporting: Data Collection for Carbon Emission of Penang state government's offices



Communications

- Publications/Social Media
- Penang Green Citizen
- Green Partner & E-CSR for Penang



Supporting MMK

- Penang – CCAC Projects (Climate Clean Air Coalition)
- Generators Pay
- Makan Sampai Habis Campaign



SUSTAINABILITY REPERTOIRE



COMMUNITY OUTREACH



ENVIRONMENTAL CAMPS & WORKSHOPS



Environmental Camps & Workshops are designed to start green awareness and lifestyle influence at an early age in hopes for greater, long-term positive impact on Earth.

Objectives

- To create awareness and understanding of the relationship between human and environment
- To develop an understanding of environmental concepts and knowledge so they can develop and implement the best solutions to solve environmental problems
- To develop an active learning community where learners share ideas and expertise

Types of Camps & Workshops

Period	Type
Half Day (4 hours)	<ul style="list-style-type: none"> • Junior Green Camp • We Are Water Ranger • Consumerism Workshop • W3 (Women, Water, Waste) Workshop
One Day (6 to 8 hours)	<ul style="list-style-type: none"> • Green Camp • Sunshine Project (for underprivileged students)
Two Days	<ul style="list-style-type: none"> • Youth Camp • Training of Trainer (ToT), Environmental Education

Achievements

Year	Target Sessions	Completed Sessions	Total Outreached*
2019	12	9	288
2018	10	10	466
2017	12	14	608
2016	12	14	521
2015	15	16	631

* Outreached includes both kids and adults from all camps and workshops under Environmental Camps & Workshops



Year Active 2015 – 2019



ZERO WASTE NETWORK



Activities and Highlights

Item	Description
Zero Waste Network (Website)	An online database of recycling centres
Zero Waste Barter Trade (Event)	An event for traders to sell pre-loved items, also participated by educational exhibitors, supporting partners, and more.
Trash2Treasure (Mobile Apps)	Mobile apps as a tool for recycling database, event updates, tips on zero waste segregation, and more
T2T Road Show	A road show

Zero Waste Network is a database established for Penang citizens to get information, tips and more on waste management in line with Circular Economy. Some resources include nearest recycling and buyback centres.

Objectives

- To reduce carbon footprint
- To convert waste into useful resources
- To create opportunities for zero waste economy

Achievements

Year	Website	Apps
2019	120	3240
2018	134	2670
2017	NA	2100
2016	NA	1800
2015	104	Launched

* Website: number of recycling centres listed
* Apps: total users to-date/downloads

Year Active 2015 – 2019



USED LIGHT TUBES AND BATTERIES (TUBA) COLLECTION



TUBA Collection is a collection of used household light tubes and batteries from the public once a year to create public awareness on safe disposal of TUBA wastes. In year 2018, a collaboration with E-Illusion Strategy Enterprise has been made to set up a collection bin at Level 3, KOMTAR to collect e-waste and household TUBA wastes.

Objectives

- To encourage safe disposal of household used light tubes and alkaline batteries
- To educate the public on the disposal cost of the scheduled wastes
- To understand the level of awareness and collect data as reference for state consideration

Achievements

Total Collection

Year	Light Tubes	Batteries
2019	287.0 kg	274.9 kg
2018	330.6 kg	507.5 kg
2017	442.0 kg	97.0 kg
Total	1059.6 kg	879.4 kg

Year Active 2017 – 2019



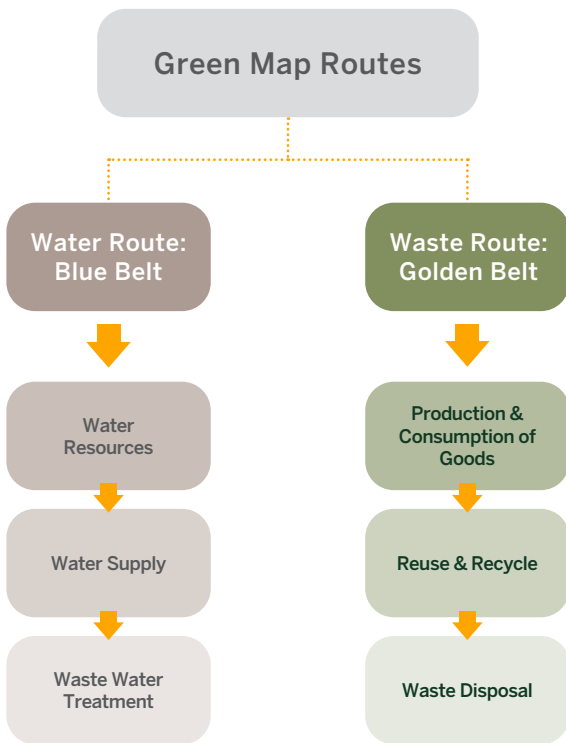
GREEN MAP



Green Map is an eco-tour programme for the public offering fun educational one-day trip to places of the sustainable communities. Sustainable communities are people or organisations that have put in efforts to enhance the quality of the environment.

Objectives

- To promote knowledge acquisition through fun eco-tours
- To inspire the public the ideas of sustainable management of the natural resources
- To showcase initiatives by environmental related industries, service providers and communities



* Blue Belt



* Golden Belt

Achievements

Total Participant by Route

Year	Blue Belt	Golden Belt
2019	16	31
2018	30	NA

Year Active 2018 – 2019



WASTE SEGREGATION AT SOURCE (WSAS)



Formerly known as House-to-House Campaign, Waste Segregation at Source (WSAS) was adopted when Penang State Government implemented WSAS in June 2016. We have carried out various publicities and educational activities over the years targeting general public from different communities to corporate sectors.

Objectives

- To create awareness about the importance of waste management and its effects to human and animal lives, and the environment
- To educate the public on ways to segregate their wastes at source

Our Strategies

- House-to-House Educational Campaign (H2H)
- Educational Talk (Eco talk)
- Awareness Campaign
- Road Show Series
- Announcement and Advertisement
- Social Media

Achievements

Total People Outreached

Year	Sessions Completed	Green Combo (Eco-Talk & Roadshow Outreach)	H2H Outreached	Total
2019	34	5,237	7,344	12,581
2018	28	7,432	18,812	26,244
2017	27	4,313 (+WSAS Task Force)	16,063	19,449
2016	30	2,339	17,504	19,843
2015	11	NA	17,968	17,968

Year Active 2015 – 2019



STEP BY STEP PROJECT



Step by Step Project is inspired by both Halaman Rumah Tercantik Pulau Aman contest in the year 2016 and the MiniZeeBee Project by Shah Alam City Council (MBSA).

Objectives

- To encourage community to maintain the cleanliness of their house and along the river
- To educate the community about the importance of protecting the environment and the river
- To encourage community involvement in protecting the rivers in Penang

Competition Criteria

- Cleanliness and Healthiness
- Innovative and Creativity
- Leadership
- Sustainability

Steering committee/ organisations involved in this project:

- Department of Irrigation and Drainage (DID)
- Department of Environment (DOE)
- Penang District and Land Office (North East)
- Local Authority (MBPP & MPSP)
- ADUN (Sungai Pinang & Dato' Keramat)
- Penang Agriculture Department
- Royal Institution of Surveyors Malaysia (RISM)

Achievements

Ranking	Group	Prizes
Winner	JKKK Bandar Baru Jetutong	RM 6,500 + Cert + Trophy
First Runner Up	Pertubuhan Komuniti PPR Jalan Sungai	RM 2,500 + Cert + Trophy
Consolation Prize	JKKK Kampung Makam	RM 500 + Cert + Trophy
Consolation Prize	JKKK Kampung Maqbul	RM 500 + Cert + Trophy



Year Active 2017



AWARDS & INCENTIVES



FOR SCHOOLS

PENANG GREEN SCHOOL AWARD



Penang Green School Award is a programme launched in 2010 with MBPP and MBSP playing their most significant roles in inculcating love for the environment in schools.

Objectives

- To inculcate love for the environment in students and the community
- To overcome the environmental contamination issues through cultivation in four areas: (1) Resource Efficiency, (2) Innovation & Creativity, (3) Cleanliness & Greening Efforts, and (4) Community Involvement

Achievements

Schools Participation by City

Year	MBPP	MBSP	Total
2019	70	71	241
2018	49	162	211
2017	47	152	199
2016	43	149	192
2015	38	141	179



Year Active 2015 – 2019



PENANG GREEN KINDY INCENTIVE



Penang Green Kindy Incentive is an audit program for kindergartens in Penang. The programme provides self-assessment questionnaire to teachers of kindergartens to kick start the environmental education.

Objectives

- To instil green awareness among kids ages from four to six years old to care for the environment
- To nurture the young kids to adapt environment-savvy lifestyle

Achievements

Year	Submission
2019	16

Year Active 2019



FOR BUSINESSES

PENANG GREEN OFFICE PROJECT

Achievements

Total Offices Certified

Year	Recertification	Newly Certified
2019	23 (12 government offices)	20 (14 government offices)
2018	15 (2 government offices)	27 (23 government offices)
2017	20	28
2016	8	16
2015	17	4

The Penang Green Office Project (PGO) gives Green Office certification award to both government and private sectors. The PGO is also a “2-in-1 certification”- Penang Green Office Project certification and Aqua Save certification by Perbadanan Bekalan Air Pulau Pinang (PBAPP). Successful applicants from private sectors will receive an incentive of up to RM5000 (from Penang Green Council) & stand a chance to receive RM2000 (from PBAPP) upon recertification.

This program is in conjunction with PGC’s vision to make Penang a green state. An external party called Fides Certification (M) Sdn Bhd audits Green Office candidates. The efforts “Green Tips” were well received that it was being adopted outside of Penang, including Kuala Lumpur.

Objectives

To support PGC’s vision of Penang as a Green State to adopt the Green Office Concept through Education and Implementation of Green Initiatives in the office



Year Active 2015 – 2019



FOR BUSINESSES & CITIZENS

PENANG RAINWATER HARVESTING INCENTIVE



Penang Rainwater Harvesting Incentive (PRHI) is a rebate incentive to commercial and residential building owners with installed rainwater harvesting system.

The rainwater harvesting system, under the amendment of the Uniform Building By-Law 1984 (UBL 1984), can be and are encouraged by the Malaysian Government to implement in Malaysia. Any residential building and all types of building with a roof area equal or more than 100 square metres are encourage to install.

Achievements

Total Applicants

Year	Allocation	New Applicants
2019	NA	2
2018	10	1
2017	20	1
2016	20	9
2015	20	3

Objectives

To reduce the dependency of treated water for non-portable purposes and encourage healthy water use habits among Penangites

Year Active 2015 – 2019



FOOD WASTE CHALLENGE INCENTIVE



Formerly known as Low Carbon Diet Campaign, Food Waste Challenge Incentive (FWCI) is given out to places with existing food waste management system for their high-volume of food waste like hotels, factories, hypermarkets, supermarkets and institutions

Objectives

- To reduce food waste in Penang
- To further encourage the food waste management system at places with high-volume food waste generation

Year Active 2016 (as Low Carbon Diet Campaign) – 2019 (evolved to FWCI)



Achievements

Total Applicants

Year	Applicants
2019	NA
2018	2
2017	5
2016	6 (Low Carbon Diet Campaign)
2015	NA

FOR CITIZENS

PENANG GREEN JOURNALISM AWARD



A programme started by the State Government in 2011, Penang Green Journalism Award has been under the arm of PGC since 2012.

Objectives

- To encourage journalists to explore the value of the environmental issues in Penang
- To produce articles related to green issues and green initiatives in Penang

Award Categories

Section	Category
A	Hard News
B	Features Writing
C	Photojournalism

Achievements

Total Articles Submission

Year	Section A	Section B	Section C	Tatol
2019	33	37	25	95
2018	15	14	10	39
2017	10	20	4	34
2016	14	15	5	34
2015	22	13	7	42

Year Active 2015 – 2019



PENANG ENVIRONMENTAL SUSTAINABILITY AWARD & STEWARDSHIP AWARD



Penang Environmental Sustainability Award is for communities that initiate a paradigm shift within their current environmental challenges. In other words, Community Based Initiatives (CBIs). Current environmental challenges demand a reduction in human impact on environment by way of lifestyle and behavioural changes. Some of which may include segregation at source, recycling and reduction in plastic and polystyrene usage.

Penang Environmental Stewardship Award is for individuals, given to honour and recognise outstanding achievements in environmental projects and conservation efforts to achieve Penang’s vision of a green state that is clean, safe, and harness green technology. The appointed judges from outside Penang will select the winners from the list of nominees yearly for both categories.

Achievements

Total Nominees

Year	Environmental Sustainability Award	Stewardship Award	Total
2019	3	3	6
2018	NA	NA	NA
2017	4	5	9
2016	6	4	10
2015	4	3	7

Year Active 2015 – 2019



RESEARCH & POLICY



PENANG GREEN AGENDA



Penang Green Agenda (PGA) is strategies formulated in response to the issues of sustainable development. PGA incorporates UN Sustainable Development Goals (SDGs), New Urban Agenda and Habitat III. PGA is facilitated by Penang Green Council, which is guided by an independent Advisory Committee as well as a state-level Steering Committee. It is chaired by the Chief Minister of Penang state, co-chaired by Penang State EXCO Member for Welfare, Caring Society and Environment. Some of their roles include policies, goals development, monitoring and evaluating progress. The Penang Green Agenda adopts mixture of top-down (evidence based) and bottom-up (participatory) approaches.

Goal

Making Penang a green and sustainable state by 2030 incorporating the environmental targets according to the United Nations Sustainable Development Goals (UN 17 SDGs)

Objectives

- To establish a global comparable sustainability indicator for quantifying the sustainability of Penang State
- To identify the current and future environmental issues that need to be addressed by referring to the SDGs via stakeholder engagement
- To propose short-term, medium-term, and long-term measurements/indicators/targets to be achieved by 2030 by referring to the environmental-related targets listed under SDGs via stakeholder engagement
- To develop strategies and identify the role of stakeholders in solving the environmental issues that will be identified to make Penang a green and sustainable state by 2030 via stakeholder engagement

Achievements

Year	
2019	Completion of 10 Working Group stakeholder consultation and draft reports
2018	Phase Two <ul style="list-style-type: none"> • May, Penang CM adopted 2030 and 2050 shared visions • Aug – Nov 2019, conducted on average 35 hours of meeting for working groups (WGs) on strategic issues that will have big impact on Penang’s sustainable development from now to 2030 (land use and planning, LUP; disaster reduction and risk management, DDRM; green economy, GE) • 15 Oct, jointly organised a workshop on Penang’s Disaster Management with Tzu Chi, which was attended by 150 government and non-government participants
2017	Phase Two <ul style="list-style-type: none"> • 7 Sep, 10 Oct, 20 Nov, meetings discussed three projects: Sustainability Indicators, Stakeholder Engagement, Public Survey
2016	<ul style="list-style-type: none"> • In the PGA meetings, area of discussions include: Stakeholder Engagement, A Study on Ecological Footprint of Penang, Symposium of Sustainable Penang, Penang Green Centre
2015	Planning for Green Agenda 2016 based on the framework of Agenda 21 of United Nations Conference on Environment & Development (1992) and the 2030 Sustainable Development Goals adopted by World leaders during the United Nations Sustainable Development Summit on 25 September 2015, which includes a set of 17 Sustainable Development Goals (SDGs) to end poverty, fight inequality and injustice, and tackle climate change by 2030.

Year Active 2015 – 2019



CARBON REPORTING



Carbon Reporting is a carbon management initiative where data are collected from state government offices to understand and determine a baseline point of greenhouse gas emission for reduction strategy. It was run together with Penang Green Office Project to encourage more participation.

Objectives

- To collect data on greenhouse gas emission produced by Penang state government offices as a baseline data
- To assist state government offices to plan, manage, and reduce greenhouse gas emission
- To create a long-term strategy for energy efficiency consumption

Achievements

33 government agencies take part in the process and submitted the required information. The project will be discontinued and replaced with a new project called Carbon Framework where a state wide carbon calculation will be produced.

Year Active 2015 – 2019



PENANG GREEN DATA



Penang Green Data is a compilation of state level data based on the development of United Nations Sustainable Development Goal and also for the development of Penang Green Agenda. So far, eight goals (Goal 2, Goal 6, Goal 7, Goal 11, Goal 12, Goal 13, goal 14, and Goal 15) were chose from the 17 goals and those available Penang data that are related to this eight goals are then collected and published in the website.

Objectives

- To formulate the new Penang sustainability indicators from the United Nations Sustainable Development Goals and become a reference to all key stakeholders
- To become a foundation for developing the Penang Green Agenda in achieving sustainability

Penang's Sustainability Indicator

<p>Goal 2 – Zero Hunger</p> 	<ol style="list-style-type: none"> 1. Agriculture Lands for Crops (Hectares), Penang 2010- 2015 2. Number of Farmers, Penang 2011-2014 3. Agriculture Production ('000 metric tonnes), Penang 2010- 2015 4. Total Number of Livestock Population by Type, Penang 2010- 2014 5. Agriculture GDP by Type of Economic Activity at Constant Price 2010 (RM million), Penang 2010- 2015 6. Gross Domestic Product by Type of Economic Activity, Penang 2010-2015
<p>Goal 6 – Water</p> 	<ol style="list-style-type: none"> 1. Water Consumption & Production Rate (cubic meters, '000 cu.m), Penang 2010-2016 2. Average Daily Water Consumption & Production Rate (cubic meters, cu.m), Penang 2010-2016 3. Total Registered Consumers, Penang 2010-2016 4. Number of Treatment Plants, Penang 2010-2016 5. Average Water Quality (river), Penang 2010-2016 6. Proportion of Water Samples Treated for Good Water Quality, Penang 2010-2016 7. Number of Dams in Penang 8. Total Raw Water Storage Capacity (million litre) 9. Water Treatment Plants Design Capacity, Penang 2010-2017 10. Supply of Raw Water from Storage Dams in Penang, 2010- 2017 in million litres per day (MLD) 11. Water Quality Status of Clean River (Last updated- 09/9/2016) 12. Dam Capacity
<p>Goal 7 – Energy</p> 	<ol style="list-style-type: none"> 1. Power Demand, Supply and Excess Rate, Penang 2010- 2014 2. Number of Individual with Solar PV Access, Penang 2012- 2016 3. Individual Solar Photovoltaic (PV) Usage (MW), Penang 2012- 2016 4. Household Energy Consumption Pattern, Penang 2009 5. Energy Consumption by Household Electrical Appliances 6. Electricity Usage and Rate Per Hour of Household Electrical

<p>Goal 11 - Sustainable City</p> 	<ol style="list-style-type: none"> 1. Land Area Distribution (km²), Penang 2010- 2015 2. Estimated Population Number ('000), Penang 2010- 2014 3. Crude Birth and Death Rate, Penang 2010- 2015 4. Waste Disposed at Landfill and Recycling at Pulau Burung, Penang 2010-2016 5. Total Waste Generation and Recycling Rate, Penang 2010-2016 6. Managed Scheduled Waste, Penang 7. Incidence Rate of Water, Food and Vector Borne Diseases, Penang 2010-2014 8. Number of Motor Vehicle by Type, Penang 2010-2016 9. Number of Passenger-load Handled at Penang International Airport, Penang 2010-2015 10. Number of Green Building Index (GBI) Certified Projects, Penang 2013-2017 11. Total Land Use, Penang 12. Number of Participating Schools in Penang Green School Programme 13. Number of Newly Certified Offices under Penang Green Office Certification Programme 14. Average Daily Tariff (ADT), Penang 2010-2016 15. Total Death Caused by Road Accidents, Penang 2010-2016
<p>Goal 12 – Responsible Consumption & Production</p> 	<ol style="list-style-type: none"> 1. Total Land Use (ha), Penang 2. Gross Domestic Product, Penang 2010-2015 3. Gross Domestic Product by Type of Economic Activity, Penang 2010-2015 At Constant Price 2010-RM Million 4. Agriculture Production ('000 metric tonnes), Penang 2010-2015 5. Power Demand, Supply and Excess Rate, Penang 2010-2014 6. Water Consumption & Production Rate (cubic meters, '000 cu.m), Penang 2010- 2016
<p>Goal 13 – Climate Action</p> 	<ol style="list-style-type: none"> 1. Average Water Quality (River), Penang 2010-2016 2. Rainfall Pattern in Penang Island, in mm 3. Rainfall Pattern in Seberang Perai, in mm 4. Types of Pollution Reported 5. Air Pollution 6. Monthly Average Concentration of Particulate Matter (PM₁₀) in the Air, Penang 7. Monthly Minimum and Maximum Air Pollutant Index (API), Penang (January-June) 8. Monthly Minimum and Maximum Air Pollutant Index (API), Penang (July-December) 9. Air Quality Status, Penang 2010-2014 10. Types of Pollution Reported (total number), Penang 2010- 2014 11. Occurrence of Flood (number of occurrence), Penang 2014-2017
<p>Goal 14 – Marine</p> 	<ol style="list-style-type: none"> 1. Fish Landing, Penang 2010-2016 2. Number of Licensed Fishing Vessels, Penang 2010- 2016 3. Number of Fishermen Working on Licensed Fishing Vessels, Penang 2010-2016
<p>Goal 15 – Biodiversity</p> 	<ol style="list-style-type: none"> 1. Forested and Non-Forested Area, Penang 2010-2016 2. Permanent Reserved Forest (HSK), State Land and Wildlife Reserve, Penang 2010-2016 3. Area of Permanent Reserved Forest by Forest Types, Penang 2010-2016 4. Total of Tourist Arrival at Penang National Park as An Ecotourism Site, Penang 2010-2015



Achievements

All data collected is updated on the site. Visit <https://pgc.com.my/think-tank-policy/penang-green-data/> or scan the QR code for more information on the data.

Year Active 2017 – 2019



PUBLIC SURVEY

Public Survey is carried out yearly on specific thematic routes revolving mostly around single-use plastics usage in Penang and other climate change related issues. Part of the aim is to focus the public's attention and awareness of matters concerning climate change.

Objectives

- To understand the public perception on environmental issue and policy in Penang
- To provide policymakers a better understanding of the public views prior to the formation of state environmental policy in Penang

Achievements

Yearly Public Survey Theme and Respondents

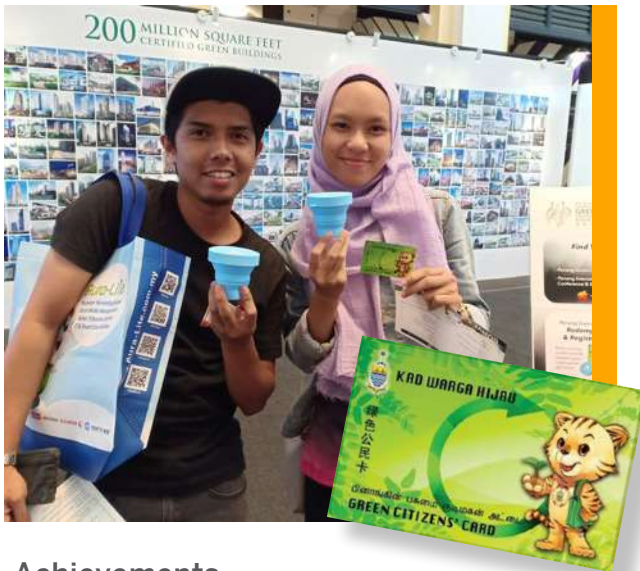
Year	Theme	Respondent
2019	No Single-Use Plastic Items in Their Daily Life	659
2018	No Single-Use Plastic Items at Food Eateries in Penang	2,186
2017	No Free Plastic Bags Everyday in Penang	1,200 (target data)
2016	Climate Change in Penang	800 (as of 30 Nov 2016)
2015	Solid Waste Management	300

Year Active 2015 – 2019



OTHERS

PENANG GREEN CITIZENSHIP



Penang Green Citizenship is an endorsement to citizens, individuals and business communities of Penang that own up green practice to achieve Penang as a green state. Launched in 2009 by the Penang State Government, the programme has acquired many Green Citizens and Green Partners over the years.

Objectives

- To engage individuals and business communities in Penang to commit to practicing green initiatives to make Penang a green state

Achievements

Year	Green Citizen	Green Partner
2019	21,334	NA
2018	18,769	NA
2017	17,919	NA
2016	17,152	152
2015	16,018	152

Year Active 2015 – 2019





GREEN CAFÉ

Green Café is a platform that focuses on topics related to green initiatives and environmental sustainability efforts from all walks of life such as organisations, professionals, and students on guidance for the public to implement sustainable lifestyle in a simple and straightforward way.

Videos are used to educate the public so they understand the environmental issues happening around Penang.

Objectives

- To engage with the citizens so they can introduce more green innovations to the public
- To raise awareness of the environmental issues happening around Penang
- To encourage environmental sustainability

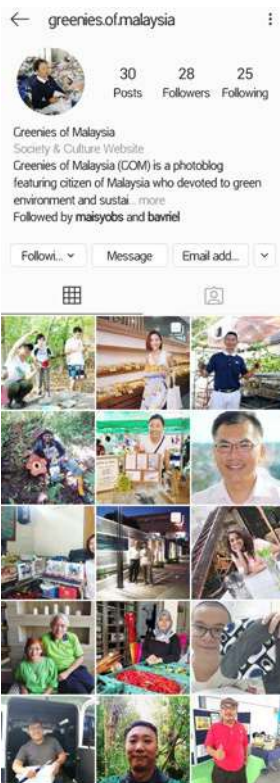
Achievements

Year	Results	Social Media Reach
2019	57 videos and interviews	98,110
2018	33 videos and interviews	88,515
2017	26 videos and interviews	78,208
2016	5 pocket talks	NA
2015	1 pocket talks	NA

Year Active 2015 – 2019



GREENIES OF MALAYSIA



Greenies of Malaysia (GOM) is a photoblog inspired by the Humans of New York (HONY) started in November 2010 that has acquired a large following on online social platform. GOM features street portraits and interviews collected from people from all walks of life on the streets of any part in Malaysia. GOM is developed as a new online publication on social media platforms featuring citizen of Malaysia who are devoted to green, environmental and sustainable movement.

Objectives

- To motivate people to tackle the causes and effects of global warming and create a net impact on combating climate change from day-to-day stories
- To inspire people to converge, propose solutions and take actions through GOM
- To inspire changes in the way people do things daily through innovative ideas and practices

Achievements

Year	Total Submissions
2019	28
2018	NA
2017	NA
2016	NA
2015	NA

Year Active 2015 – 2019



MMK PROJECTS



State Executive Council, or Majlis Mesyuarat Kerajaan (MMK), is a leadership body that acts as a governing body over the policy of a state in Malaysia. Under the Penang MMK, there were a few projects that contribute to the Penang State Government's vision in turning Penang into a green state. The role of PGC is to support by driving and facilitating MMK Projects, some of which include :

- Penang – CCAC Projects (Climate Clean Air Coalition)
- Polluters Pay Principle
- Say No To Single-Use Plastic Campaign
- No Free Plastic Bags Everyday
- Waste Segregation At Source Policy (WSAS)
- Campaign 'Makan Sampai Habis'
- No Plastic Bag on Monday to Wednesday
- Penang State Bans Shark's Fin Soup Campaign



Year Active 2015 – 2019



MAJOR EVENT

PENANG INTERNATIONAL GREEN CONFERENCE AND EXHIBITION



Previously known as Penang International Green Carnival, Penang International Green Conference & Exhibition (PGIGCE) is a biennial large event in Penang state. During the two or three days event, many people from exhibitors, volunteers, VIPs are joined by families and friends to enjoy the many activities lined-up. The highlight of the conference converges engineers, developers, professionals, architects, and many others to share knowledge, exchange expertise, and networking.

Achievements

Year	Theme	Total participants (estimated)
2019	Penang Green and Smart City	10,942 visitors 17 partners 70 exhibitors
2018	Penang Green Carnival (Partnering with Auto City)	3,600 visitors
2017	Against Climate Change Together (ACCT), Now!	8,000 visitors 50 partners 58 exhibitors
2016	Penang My Green Home	10,000 visitors 29 partners 27 exhibitors
2015	Make Our Food Last	12,419 visitors 26 partners 29 exhibitors



Year Active 2015-2017,2019



PENANG GREEN IDOL



Penang Green Idol is a competition designed to encourage youth, particularly students to share their ideas and thoughts about environmental issues and to enhance their knowledge and awareness. It mostly carried out during Earth Day celebration, an initiative for young generation to be aware, learn, and conserve the environment in line with Penang State’s mission to be a green state.

Objectives

- To nurture and inspire young generation on environmental causes
- To encourage youth in active thinking
- To provide a platform for youth to speak up on their opinions in green related issues

Achievements

Year	Participants
2019	48
2018	42
2017	49
2016	23
2015	80

Year Active 2015 – 2019



GREEN PINANG AWARD PRESENTATION



Green Pinang Award Presentation is a gala to give out acknowledgements and recognitions to individuals and organisations that are making efforts in achieving vision of Penang State government as a green state. The achievements, awards, and accolades presented on the gala night are to encourage more Penangites to pursue environmental excellence.

Achievements

Achievements, Awards, Accolades	Year Active
Penang Green School Awards	2015 – 2019
Penang Green Kindy Incentive	2019
Penang Green Office Project Certification	2015 - 2019
Green Pinang Certificate of Appreciation	2015
Penang Green Journalism Award	2015 - 2019
Penang Green Innovation Incentive	2015
Penang Green Video Award	2015 – 2016
Penang Environmental Stewardship Award	2015 – 2017, 2019
Penang Environmental Sustainability Award	2015 – 2017, 2019
STEP by step Pilot Project	2017
Appreciation for Incentive Recipients (PRHI & FWCI)	2018
No Single-Use Plastic Poster Drawing Competition	2018



Year Active 2015 – 2019



THE NEXT FIVE YEARS

After almost a decade of creating an impact on people from all walks of life through programmes and projects designed to educate, empower and enrich, it is time for a transformation. Our aim for the next five years is to elevate the position of Penang Green Council as the central hub for Penang for holistic green initiatives.

Since the formation of the new Federal Government, Penang Green Council has been invited to share the background, structure and insights of the establishment of PGC and the team's passion for our projects. We are proud that The Guidelines of No Free Plastic Bag has been adopted by MESTECC and introduced nationally. We are now working towards turning Penang Green Council into a consulting bureau in promoting and practising green initiatives and projects in Malaysia.

After our objective assessment, with a focus on the current competitive environment, our organisation's current capabilities and the outlook for its future, we understand revision is necessary to stay relevant. Therefore, we have revised our vision to elevate our position for better impact in achieving our goals.



VISION

PGC as the central hub harnessing green technology and supporting holistic Green initiatives to achieve sustainable & resilient Penang



MISSION

To Enable, Empower & Enrich stakeholders to practise sustainable development protecting the environment and improving quality of life



Objectives

- To serve as a hub (point of reference) for ingenuity and novel ideas in Penang tackling issues that are a concern to the environment.
- To focus on research, policy and academic work in the areas of environment, climate change, resilience and sustainable development.
- To develop tools, ideas & opportunities in harnessing green technology & engagement of people on environmental awareness.



THEMES

1. Circularity

- To eliminate waste, thus keeping valuable resources
- Design to maximize the reusability of products and raw materials and minimize value destruction

2. Climate Crisis & Adaptation

- Preserve the environment through education, awareness & enforcement towards pollution free environment
- Leading climate change adaptation and mitigation measures to ensure Penang State becomes resilient and create new growth opportunities

3. Sustainability Development

- Ensure we do not damage the economic, social and physical environment
- Ensure Penang will be able to develop in ways that ensures the liveability of Penang State's current and future habitants

APPENDIX

PENANG GREEN SCHOOL AWARDS

Winners and Runner Up

		2019	2018	2017	2016	2015
SK	Winner	SK Kebun Sireh	SK Kebun Sireh	SK Titi Teras	SK Titi Teras	SK Kebun Sireh
	Runner Up	SJKC Eng Chuan	SJKC Eng Chuan	SK Kebun Sireh	SJKC Boon Beng	SK Titi Teras
SMK	Winner	SMK Convent Pulau Tikus	SMK Berapit	SMK Berapit	SMK Sri Muda	SMK Sri Muda
	Runner Up	SMK Berapit	SMK Convent Pulau Tikus	Han Chiang High School	SMK Jelutong	SMK (P) Methodist

Penang Green School Special Awards

Year		Resource Efficiency/ Recycling (2015-2016)	Community Involvement	Cleanliness & Greening	Innovation & Creativity
2019	SK	SJKC Lee Chee	SJKC Eok Hua	SK Taman Impian	SK Kebun Sireh
	SMK	SMK Sungai Nibong	SMK Convent Butterworth	SMK Berapit	SMK Convent Lebu Light
2018	SK	SJKC Sin Min	SK Jalan Hamilton	SJKC Kong Min Caw. Ke 2	SK Sungai Nibong
	SMK	SMJK Chung Hwa Confucian	SMK Convent Butterworth	SMK Padang Polo	SMK Convent Lebu Light
2017	SK	SJKC True Light	SK Kebun Sireh	SK Taman Impian	SK Sungai Nibong
	SMK	SMK Convent Bukit Mertajam	SMK (P) Methodist	SMK Convent Lebu Light	SMK Kampong Selamat
2016	SK	SJKC True Light	SJKC Boon Beng	SK Titi Teras	SK Tanjung Tokong
	SMK	SMK Convent Bukit Mertajam	SMK St George	SJKC Sin Min	MK (L) Methodist
2015	SK	SJKC True Light	SJKC Eng Chuan	SK Bayan Baru	SK Jawi
	SMK	SMK Sri Muda	SMK Convent Bukit Mertajam	SMK Guar Perahu Indah	SMK Kampong Selamat

PENANG GREEN OFFICE PROJECT

Penang Green Office Certification 2019

- Bahagian Pengurusan Sumber Manusia, Psukpp
- Bahagian Teknologi Maklumat Dan Komunikasi Negeri, Psukpp
- Majlis Sukan Negeri, Psukpp
- Unit Audit Dalam, Psukpp
- Unit Integriti, Psukpp
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (Jawi Customer Care Centre)
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (Cfo Office Finance Department)
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (Taman Selat Customer Care Centre)
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd
- (Central Laboratory Sg Dua Water Treatment Plant)
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (Bukit Mertajam Customer Care Centre)
- Jabatan Perancangan Pembangunan, Majlis Bandaraya Pulau Pinang
- Pejabat Daerah Dan Tanah Daerah Barat Daya
- Pejabat Exco Kerja Raya, Utiliti Dan Tebatan Banjir
- Institut Integriti Negeri Pulau Pinang
- Tekun Nasional Pulau Pinang
- Nrs Process Systems Sdn Bhd
- Sunway Hotel Seberang Jaya
- Sunway Hotel Georgetown
- Toray Malaysia Systems Solution Sdn Bhd

Penang Green Office Certification + Aqua Save Certification 2019

- Bahagian Kerajaan Tempatan
- Bahagian Mekanikal Dan Elektrikal, Jabatan Kejuruteraan, Mbpp
- Institut Teknikal Jepun Malaysia (Jmti)
- Jabatan Kesihatan, Mbpp
- Jabatan Perbendaharaan, Mbpp
- Pejabat Kutipan Hasil, Mbpp
- Pejabat Daerah Dan Tanah Seberang Perai Selatan
- Pejabat Daerah Dan Tanah Seberang Perai Tengah
- Perbadanan Perpustakaan Awam Pulau Pinang
- Church Of Divine Mercy
- Cycle Trend Industries Sdn Bhd
- Dell Global Business Center Sdn. Bhd.(Bayan Lepas)
- Dell Global Business Center Sdn. Bhd.(Bukit Tengah)
- Ihs Global (Malaysia) Sdn Bhd
- Kalyx Consultants Sdn Bhd
- Molex(Malaysia) Sdn Bhd
- Olive Tree Concepts Sdn. Bhd.
- The Light Hotel (M) Sdn Bhd
- Jabatan Perkhidmatan Perbandaran Dewan Bandaraya, Mbpp
- Bahagian Perancang Ekonomi Negeri,Pejabat Setiausaha Kerajaan Negeri Pulau Pinang
- Cradotex (M) Sdn. Bhd.
- Furutec Electrical Sdn Bhd
- Jinko Solar Technology Sdn Bhd
- Sony Emcs (Malaysia) Sdn. Bhd.

Penang Green Office Certification 2018

- Unit Komunikasi Korporat Dan Inovasi, PSUKPP
- Jabatan Penguatkuasaan, MBPP
- Jabatan Landskap, MBPP
- Bahagian Khidmat Pengurusan, PSUKPP
- Badan Kawal Selia Air, PSUKPP
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd
- Jabatan Landskap, MPSP
- Dewan Sri Pinang
- Jabatan Kewangan Negeri Pulau Pinang
- Penang Global Tourism Sdn Bhd
- PICEB Sdn Bhd
- George Town World Heritage Incorporated
- Jabatan Mufti Negeri Pulau Pinang
- Chief Minister Of Penang Incorporated (CMI), PSUKPP
- Lembaga Muzium Negeri Pulau Pinang
- Jabatan Kehakiman Syariah Negeri Pulau Pinang
- Pejabat Daerah Dan Tanah Daerah Timur Laut
- Jabatan Perkhidmatan Veterinar Negeri Pulau Pinang
- Penang Development Corporation
- Bahagian Perumahan, PSUKPP
- Perbadanan Bekalan Air Sdn. Bhd. (Customer Service)
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (Human Resource)
- Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (Corporate Affairs)
- ASE Electronics (M) Sdn Bhd (No TNB PBA LOGO)
- Dell Global Business Center Sdn Bhd (Cyberjaya)
- Sharp-Ware Corporation (M) Sdn. Bhd.
- Polydamic Sdn Bhd

Penang Green Office Certification + Aqua Save Certification 2018

- Perbadanan Bukit Bendera Pulau Pinang
- Jabatan Khidmat Kemasyarakatan, MBPP
- Actmaxbiz Sdn Bhd
- Cititel Penang
- Penfabric Mill 4 Sdn. Bhd.
- Honeywell Aerospace Avionics Malaysia Sdn Bhd (No TNB PBA LOGO)
- Eco Meadows Sdn Bhd
- Eco Macalister Development Sdn Bhd
- Eco Horizon Sdn Bhd
- Eastin Hotel Penang
- Citigroup Transaction Services (M) Sdn. Bhd.
- Gurney Plaza
- Knowles Ipc (M) Sdn. Bhd.
- A Tu Z Wedding House Sdn Bhd
- The Wembley - A St Giles Hotel, Penang

Penang Green Office Certification 2017

- Seksyen Kewangan, PSUKPP
- Unit Audit Dalam PSUKPP
- Perbadanan Bekalan Air Pulau Pinang Sdn. Bhd. (Bukit Mertajam)
- Perbadanan Bekalan Air Pulau Pinang Sdn. Bhd. (Taman Selat, Butterworth)
- Perbadanan Bekalan Air Pulau Pinang Sdn. Bhd. (Sungai Dua, Butterworth)
- Bahagian Kesihatan Persekitaran (MBPP)
- Unit Perancang Ekonomi Negeri (PSUKPP)
- Majlis Bandaraya Pulau Pinang (Jab Perkidmatan Perbandaran Dewan Bandaraya)
- Majlis Bandaraya Pulau Pinang (Jabatan Kawalan Bangunan)
- Majlis Bandaraya Pulau Pinang (Pejabat Kutipan Hasil)
- Majlis Bandaraya Pulau Pinang (Unit Audit Dalam)
- Majlis Bandaraya Pulau Pinang (Jabatan Perancangan Pembangunan)
- Majlis Bandaraya Pulau Pinang (Jabatan Konservasi Warisan)
- Majlis Bandaraya Pulau Pinang (Unit Undang-Undang)
- MAJLIS BANDARAYA PULAU PINANG (Jabatan Kejuruteraan)
- Majlis Bandaraya Pulau Pinang (Jabatan Penilaian & Pengurusan Harta)
- Majlis Bandaraya Pulau Pinang (Bahagian Pelesenan, Jabatan Kesihatan Persekitaran & Pelesenan)
- Bahagian Teknologi Maklumat dan Komunikasi Negeri
- Majlis Bandaraya Pulau Pinang (Jabatan Pesuruhjaya Bangunan)
- Majlis Bandaraya Pulau Pinang (Jabatan Khidmat Pengurusan)
- The Light Hotel (M) Sdn. Bhd.
- Furutec Electrical Sdn. Bhd.
- Jinko Solar Technology Sdn. Bhd.
- NRS Process Systems Sdn. Bhd.
- Dell Global Business Center Sdn. Bhd. (Bayan Lepas)
- Dell Global Business Center Sdn. Bhd. (Bkt Minyak)
- Exact Asia Development Centre Sdn. Bhd.
- Toray Malaysia Systems Solution Sdn. Bhd.
- Seberang Perai Municipal Council
- Pejabat Ketua Menteri Pulau Pinang
- Shan Poornam Metals Sdn. Bhd.
- Flextronics Technology (Penang) Sdn Bhd (Plant 2 Campus)
- Cycle Trend Industries Sdn. Bhd.
- Special Coral Sdn. Bhd.
- OSRAM Opto Semiconductors (M) Sdn Bhd
- Flextronics Technology (Penang) Sdn Bhd (Plant 1 Campus)
- Cypress Semiconductor (M) Sdn Bhd
- WD Media (Malaysia) Sdn (PN2)
- WD Media (Malaysia) Sdn. (PN1)
- Berjaya Penang Hotel
- Kalyx Management & Consulting Sdn Bhd
- Intel Technology Sdn. Bhd. (Penang)
- Intel Technology Sdn. Bhd. (Kulim)
- Sony EMCS (Malaysia) Sdn. Bhd.
- Alam Aliran Kualiti (M) Sdn Bhd
- Cradotex (M) Sdn. Bhd.
- DHL Supply Chain (Malaysia) Sdn. Bhd.
- Kean Beng Lee Industries (M) Sdn. Bhd.

Penang Green Office Certification 2016

- A tu Z Wedding Sdn. Bhd.
- Citigroup Transaction Services (M) Sdn. Bhd.
- Polydamic Sdn. Bhd.
- Actmaxbiz Sdn. Bhd.
- PARKROYAL Penang Resort
- Eastin Hotel Penang
- Flextronics Technology (Penang) Sdn Bhd - Kawasan Perusahaan Perai -Plant 5
- Perbadanan Bekalan Air Sdn Bhd (Bayan Baru)
- Jabatan Khidmat Kemasyarakatan (MBPP)
- EcoWorld
- Penfabric Mill 4

- Cititel Penang
- The Wembley, St Giles Hotel
- Eco Macalister
- Eco Meadows
- Perbadanan Bekalan Air Sdn Bhd (KOMTAR)
- Bahagian Kerajaan Tempatan
- ASE Electronics (M) Sdn Bhd
- Pejabat Daerah dan Tanah SPU
- Gurney Plaza
- Eco Terraces
- Knowles IPC

Penang Green Office Certification 2015

- Alam Aliran Kualiti (M) Sdn Bhd
- Cradotex (M) Sdn Bhd
- Cycle Trend Industries Sdn Bhd
- DHL Supply Chain (Malaysia) Sdn Bhd
- Flextronics Technology (Penang) Sdn Bhd (P1)
- Georgetown City Hotel, Penang
- Intel Products (M) Sdn Bhd
- Intel Technology Sdn Bhd
- Kalyx Management & Consulting (M) Sdn Bhd
- Osram Opto Semiconductors (M) Sdn Bhd
- Seberang Perai Municipal Council
- Shan Poornam Metals Sdn Bhd

- Spansion (Penang) Sdn Bhd
- HGST Technology Sdn Bhd (previously sTec Technology Sdn Bhd)
- WD Media (Malaysia) Sdn Bhd (PN1)
- WD Media (Malaysia) Sdn Bhd (PN2)
- Penang Chief Minister's Office
- Sony EMCS (Malaysia) Sdn. Bhd.
- Special Coral Sdn. Bhd. (Queensbay Mall Management Office)
- Agilent Technologies LDA Malaysia Sdn. Bhd.
- Kean Beng Lee Industries (M) Sdn Bhd

PENANG RAINWATER HARVESTING INCENTIVE (APPLICANTS)**2019**

- Molex (Malaysia) Sdn Bhd.
- Eurasia Express Sdn Bhd

2018

- SK Convent Pulau Tikus

2017

- SETIA SPICE Convention Centre

2016

- Khazanah Building
- SMK Berapit, Bukit Mertajam

- Methodist Girls School, Penang
- Lion Reach Autistic Centre
- Danriq Enterprise
- Penfabric
- Sony EMS Penang
- Water Watch Penang
- Intel

2015

- Osram Opto Semiconductors Sdn Bhd
- Queensbay Mall Penang
- Spansion (Penang) Sdn Bhd

FOOD WASTE CHALLENGE INCENTIVE (APPLICANTS)**2018**

- South Island Garment Sdn Bhd
- Golden Highway Auto-City Sdn Bhd

2017

- Ixora Hotel, Penang

- Sony EMCS (Malaysia) Sdn Bhd
- Dell Global Business Center Sdn Bhd (Bayan Lepas)
- Dell Global Business Center Sdn Bhd (Bukit Minyak)
- Intel Technology Sdn Bhd (Penang)
- Penfabric Sdn Bhd (Mill 1)

■ PENANG GREEN JOURNALISM AWARD

2019

Section	Language	Award	Organisation	Name
Hard News	Bahasa	Excellent	Harian Metro	Zuhainy Binti Zulkiffli
		Special	Sinar Harian	Syjaratulhuda Bt Mohamad Rosli
	English	Excellent	The Star	Lo Tern Chern
		Special	The News Straits Times	Audrey Dermawan
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
		Special	Guang Ming Daily	Sim Mee Wan
	Tamil	Excellent	Malaysia Nanban	Suguna A/P Muniandy
		Special	Makkal Osai	Subatra A/P Adacapan
Features Writing	Bahasa	Excellent	Buletin Mutiara	Norshahida Yusoff
		Special	Sinar Harian	Syjaratulhuda Bt Mohamad Rosli
	English	Excellent	The News Straits Times	Audrey Dermawan
		Special	The Star	Lo Tern Chern
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
	Tamil	Excellent	Malaysia Nanban	Suguna A/P Muniandy
		Special	Makkal Osai	Subatra A/P Adacapan
	Photojournalism		First Prize	The Star
		Second Prize	The News Straits Times	Muhammad Mikail Ong bin Abdullah
		Third Prize	The News Straits Times	Mohamad Danial bin Mohamad Saad

2018

Section	Language	Award	Organisation	Name
Hard News	Bahasa	Special	Berita Harian	Siti Sofia binti Md Nasir
	English	Excellent	The Star	Chong Kah Yuan
		Special	The Star	Intan Amalina binti Dr Mohamed Ali
	Mandarin	Special	Oriental Daily	Ooi Choon Nam
	Tamil	Excellent	Malaysia Nanban	Suguna A/P Muniandy
		Special	Buletin Mutiara	Revatic A/P Govindaraju
Features Writing	Bahasa	Special	Sinar Harian	Syjaratulhuda Bt Mohamad Rosli
	English	Special	The Star	Crystal Chiam Shiyng
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
		Special	Guang Ming Daily	Foong Wai Loon
		Special	Guang Ming Daily	Foong Chee Yin
	Tamil	Excellent	Malaysia Nanban	Suguna A/P Muniandy
		Special	Makkal Osai	Subatra A/P Adacapan
	Photojournalism		First Prize	The Malay Mail
		Second Prize	Guang Ming Daily	Chuah Chin Keong

2017

Section	Language	Award	Organisation	Name
Hard News	Bahasa	Special	Berita Harian	M Gokina A/P Morganan
	English	Excellent	The Star	Cavina Lim Ai Li
		Special	The Star	Christopher Tan Yuet Han
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
Features Writing	Bahasa	Special	Sinar Harian	M Gokina A/P Morganan
	English	Excellent	The Star	Christina Chin Swee Gaik
		Special	The Star	Christopher Tan Yuet Han
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
		Special	Guang Ming Daily	Foong Wai Loon
		Special	Guang Ming Daily	Foong Chee Yin
	Tamil	Special	Berita Harian Tamil Bhaaratham	Suguna A/P Muniandy
Photojournalism	Special Prize	Sin Chew Daily	Thee Teh Chin Hooi	

2016

Section	Language	Award	Organisation	Name
Hard News	Bahasa	Special	Sinar Harian	M Gokina A/P Morganan
	English	Excellent	The Star	Royce Tan Seng Hooi
		Special	The Sun	Imran Hilmy Bin Tawfik Hilm
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
		Special	Nanyang Siang Pau	Hung Yee Shcong
Tamil	Special	Makkal Osai	Subatra A/P Adacapan	
Features Writing	Bahasa	Special	Sinar Harian	M Gokina A/P Morganan
	English	Excellent	The Star	Christina Chin Swee Gaik
		Special	The Star	Royce Tan Seng Hooi
	Mandarin	Excellent	Oriental Daily	Ooi Choon Nam
		Special	Nanyang Siang Pau	Ooi Lay Koon & Lee Kam Fei
Tamil	Special	Thina Thanthi Daily	Suguna A/P Muniandy	
Photojournalism	First Prize		Chuah Chin Keong	
	Second Prize		Cheah Shee Yin	
	Third Prize		Chan Boon Kai	
Green Video	First Prize		Arvintharan A/L Vallithan	
	Second Prize		Andrew Ng Yew Han	
	Third Prize		Shathisnair A/L Gunalan	
	Special Mention		Vinod A/L Muthiah	

2015

Section	Language	Award	Organisation	Name
Hard News	Bahasa	Special	Sinar Harian	M Gokina A/P Morganan
	English	Excellent	The Sun	Imran Hilmy Bin Tawfik Hilm
		Special	The Star	Christopher Tan Yuet Han
	Mandarin	Excellent	Guang Ming Daily	Lee Kelvin
		Special	Oriental Daily	Chan Seok Shan
Tamil	Special	Makkal Osai	Subatra A/P Adacapan	
Features Writing	Bahasa	Special	Sinar Harian	Siti Nadiah Ahmad Zamlus
	English	Excellent	The Star	Christina Chin Swee Gaik
		Special	The Star	Cavina Lim Ai Li
	Mandarin	Excellent	Guang Ming Daily	Lau Ch'or Shang
Special		Nanyang Siang Pau	Chow Shuang Yen & Lai Thiem Wah	
Photojournalism		First Prize	Guang Ming Daily	Chuah Chin Keong
		Second Prize	Kwong Wah Yit Poh	Tang Khoon Beng
		Third Prize	Guang Ming Daily	Cheam Sin Khai
Green Video		Merit Prize		Loh Sen Tee, Yab Tjing Yuen & Jotham Lim Ee Chen

PENANG ENVIRONMENTAL SUSTAINABILITY AWARD & STEWARDSHIP AWARD

2019

Penang Environmental Stewardship Award

Finalist	Ms Yap Jo Leen Founder of Langur Project
Winner	Mr Sangga Sinayah Headmaster, SJKT Sungai Ara

Penang Environmental Sustainability Award

Finalist	Nature Classroom
Finalist	E-Illusion
Winner	Pop & Chee Healthy Home Farm

2016

Penang Environmental Stewardship Award

Finalist	Loi Mei Shy
Winner	Cheow Mooy Chew

Penang Environmental Sustainability Award

Finalist	Water Watch Penang
Winner	Buddhist Tzu Chi Merits Society Malaysia

2017

Penang Environmental Stewardship Award

Finalist	Loi Mei Shy
Finalist	Chong Soon Kheng
Winner	Chew Eng Seng

Penang Environmental Sustainability Award

Finalist	Koperasi Lestari Alam Sekitar Seberang Perai Berhad
Winner	Real Food Grocer (M) Grocer SB

2015

Penang Environmental Stewardship Award

Winner	Ms Loh Poh Chen
--------	-----------------

Penang Environmental Sustainability Award

Finalist	Real Food Grocer (M) SB
Winner	Koperasi Lestari Alam Sekitar Seberang Perai Berhad
Winner	Mr Donat Anthony Theseira & Madam Mylene Ooi



**PENANG
GREEN COUNCIL**

PGC STRATEGIES SDN BHD (955386-K)

-  pgc.com.my
-  +604-250 3321 / +604-250 3322
-  +60 16-517 7382
-  +604-250 3323
-  info@pgc.com.my
-  @pggreencouncil
-  @pggreencouncil
-  Penang Green Council
-  penanggreencouncil.wixsite.com/blog
-  Tingkat 46, Komtar, 10503 Pulau Pinang, Malaysia.

Disclaimer

All information, data, statistics, illustrations, specifications, visual representations, and claims contained in this document is provided "as is", and is subject to being changed, without notice, in future editions. The content of this document is designed for general informational and does not constitute a recommendation or advice to any prospective customer. The company, company's representatives, publisher, author, copywriter, and designer shall not be liable for errors or incidental or consequential damages in connection with the furnishing, use, or performance of this document or any information contained within.