

Achieving Sustainable Development Goals: Towards 2030

Environmental Pillar

Prepared by: Group Environment

Outline of Presentation

1. Introduction
2. Current Achievement
3. Major Problem & Solution
4. Minor Problem & Solution
5. Conclusion

Introduction



Introduction



Current Achievement

GOAL 7 : AFFORDABLE & CLEAN ENERGY

Sustainable Development Goals (SDGs)	Activity		Person/Department in Charge
7 (Affordable & Clean Energy)	1	Pemasangan panel solar di kawasan tempat letak kereta MPSP	Jabatan Kejuruteraan, MPSP
	2	Biogas di tapak pelupusan sampah Pulau Burung	Jabatan Perbandaran
	3	Pemasangan lampu LED untuk penjimatan bil keseluruhan MPSP	Jabatan Kejuruteraan, MPSP
	4	Green Building Index (Bangunan baru perlu mendapat certified GBI)	Jabatan Bangunan

GOAL 11 : SUSTAINABLE CITIES & COMMUNITIES

Sustainable Development Goals (SDGs)	Activity		Person/Department in Charge
11 (Sustainable Cities & Community)	1	CPTED (Crime Prevention Through Environmental Design) - on-going since 2014	Jabatan Perancang Bandar
	2	Gender Checklist for Public Infrastructure	PBT
	3	Universal Design	Jabatan Bangunan
	4	Smart City	State Government
	5	Eco City Batu Kawan	Jabatan Perancang Bandar
	6	Low Carbon City	PBT
	7	Bicycle Lane	Jabatan Lanskap
	8	Segregation at Source	Jabatan Perbandaran
	9	Upcycle	Jabatan Kemasyarakatan
	10	Green School	Jabatan Kemasyarakatan
	11	Kejiranan Hijau	Jabatan Kemasyarakatan
	12	Senaman aerobik/ Car Free Morning	Jabatan Kemasyarakatan
	13	EnMS (Energy Management System)	Jabatan Kejuruteraan
	14	One Baby One Tree	Jabatan Lanskap
	15	Butterworth Baru - meremajakan Butterworth	Unit Butterworth
	16	Bukit Mertajam Urban Renewal	Jabatan Perancang Bandar

GOAL 12 : RESPONSIBLE CONSUMPTION AND PRODUCTION

Sustainable Development Goals (SDGs)	Activity		Person/Department in Charge
12 (Responsible Consumption & Production)	1	Segregation at Source	Jabatan Perbandaran
	2	Upcycle	Jabatan Kemasyarakatan
	3	Recycle	Jabatan Kemasyarakatan
	4	Ladang Tertutup (Close Farming) - untuk babi / Zero Waste discharge	Jabatan Kesihatan
	5	Kebun Komuniti	Jabatan Kemasyarakatan
	6	Composting	Jabatan Kemasyarakatan

GOALS 13 : CLIMATE ACTION

Sustainable Development Goals (SDGs)	Activity		Person/Department in Charge
13 (Climate Action)	1	Bicycle Lane	Jabatan Lanskap
	2	Solar Farming	Jabatan Kejuruteraan
	3	Green Wave (traffic light)	Jabatan Kejuruteraan
	4	Tebatan banjir (aliran sungai, perparitan)	Jabatan Kejuruteraan
	5	Pemasangan lampu LED untuk mengurangkan pembebasan gas rumah hijau (GHG)	Jabatan Kejuruteraan, MPSP
	6	Park and Ride /	Jabatan Kejuruteraan, MPSP
	7	Water Taxi (alternative transportation) / Guideline Eco City	Jabatan Perancang Bandar
	8	Mud Ball / BIM (Beneficial Indigenous Microorganism)	Jabatan Kemasyarakatan
	9	Injection Pile	Jabatan Bangunan
	10	SPAH (Sistem Penuaian Air Hujan)	Jabatan Bangunan

GOALS 14 : LIFE BELOW WATER

Sustainable Development Goals (SDGs)	Activity		Person/Department in Charge
14 (Life Below Water)	1	Mud Ball / BIM (Beneficial Indigenous Microorganism)	jab kemasyarakatan
	2	Replanting mangroves	jab kemasyarakatan
	3	Program pembangunan grease trap	jab kejuruteraan
	4	Sungai angkat (river ranger)	jab kemasyarakatan

GOALS 15 : LIFE ON LAND

Sustainable Development Goals (SDGs)	Activity		Person/Department in Charge
15 (Life On Land)	1	Tree planting program	Jab Lanskap
	2	One baby one tree	Jab Lanskap
	3	Urban farming	Jab kemasyarakatan
	4	Seni dan warisan (ecotourism)	Unit butterworth
	5	Forest bathing	Jab lanskap
	6	Bird wathcing	Unit Pelancongan dan Warisan

Conclusion

‘NO ONE LEFT BEHIND’

‘CLEANER GREENER SAFER HEALTHIER ‘

‘TOWARDS LOW CARBON CITY 2022’

THANK YOU

TERIMA KASIH