

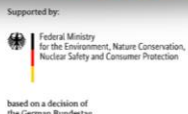
Majlis

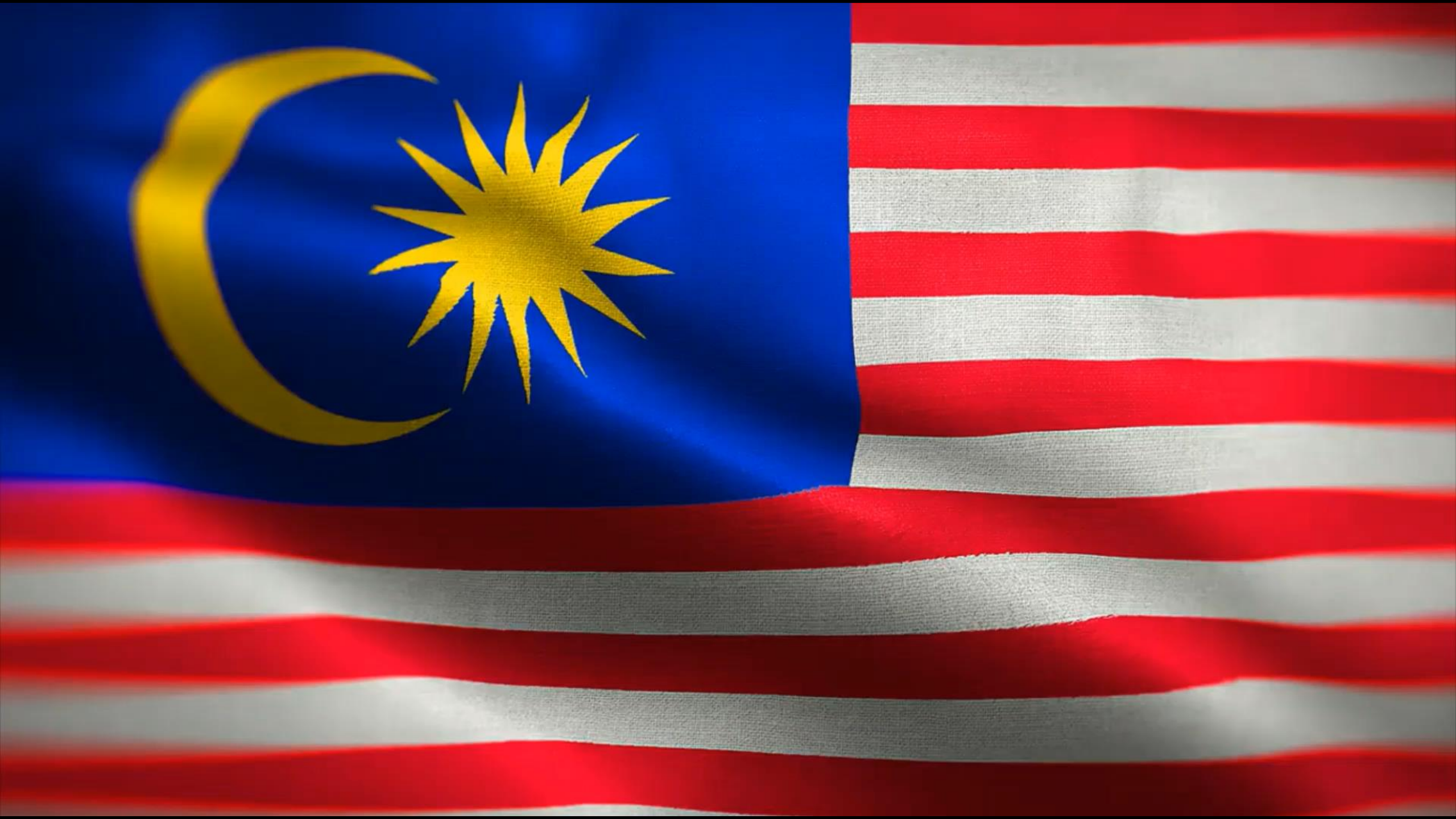
PENGHARGAAN & BERBUKA PUASA

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BACAAN *Daa*

Oleh

Haji Muhamad Nur Al Amin Bin Mohamed Ghazali

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UCAPAN ALUAN OLEH

TS. SHAMSUL BAHAR MOHD NOR

KETUA PEGAWAI EKSEKUTIF
MALAYSIA GREEN TECHNOLOGY AND CLIMATE
CHANGE CORPORATION (MGTC)

C O S E A





KEMENTERIAN EKONOMI



UCAPAN PERASMIAN OLEH

TUAN CHE KODIR BAHARUM

PENGARAH BAHAGIAN EKONOMI
ALAM SEKITAR & SUMBER ASLI
KEMENTERIAN EKONOMI

COPSEEA





Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



PERKONGSIAN CAP SEA 1.0 OLEH

PUAN JEYASHRI KISNA

PENASIHAT TEKNIKAL KEBANGSAAN
GIZ

CAP SEA



CAP SEA 1.0 OVERVIEW

CAP-SEA OVERVIEW



CAP SEA Countries of Implementation

CAP-SEA OVERVIEW



Overall Objective



Implementation Period



Supported by



Implemented by

CAP SEA Countries of Implementation:
Thailand, Indonesia and Malaysia

CAP-SEA OVERVIEW

Overall Objective



To prevent single-use plastics (SUP) and prepare for reuse, supporting the implementation of SUP prevention policies

Implementation Period

Supported by

Implemented by



CAP SEA Countries of Implementation:
Thailand, Indonesia and Malaysia

CAP-SEA OVERVIEW

Overall Objective

Implementation Period



August 2019 – March 2023

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CAP SEA Countries of Implementation:
Thailand, Indonesia and Malaysia

CAP-SEA OVERVIEW

Supported by



Overall Objective

Implementation Period

Implemented by

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ENVIRONMENTAL *made*
PROTECTION *in Germany*

CAP SEA Countries of Implementation:
Thailand, Indonesia and Malaysia

CAP-SEA OVERVIEW

Implemented by



Overall Objective

Implementation Period

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CAP SEA Countries of Implementation:
Thailand, Indonesia and Malaysia





Collaborative Action on Prevention of Single-use Plastic in Southeast Asia (CAP-SEA) Project

MEMBERS



- Ministry of Finance**
- Ministry of Local Government Development**
- Ministry of Natural Resources, Environment & Climate Change**
- Ministry of Domestic Trade and Costs of Living**
- Ministry of International Trade and Industry**
- Ministry of Science, Technology & Innovation**

OBJECTIVE



Guidance on implementation, oversee completion of outputs and outcomes



Support bottle-necks and issues during implementation



Informal discussion platform for related updates



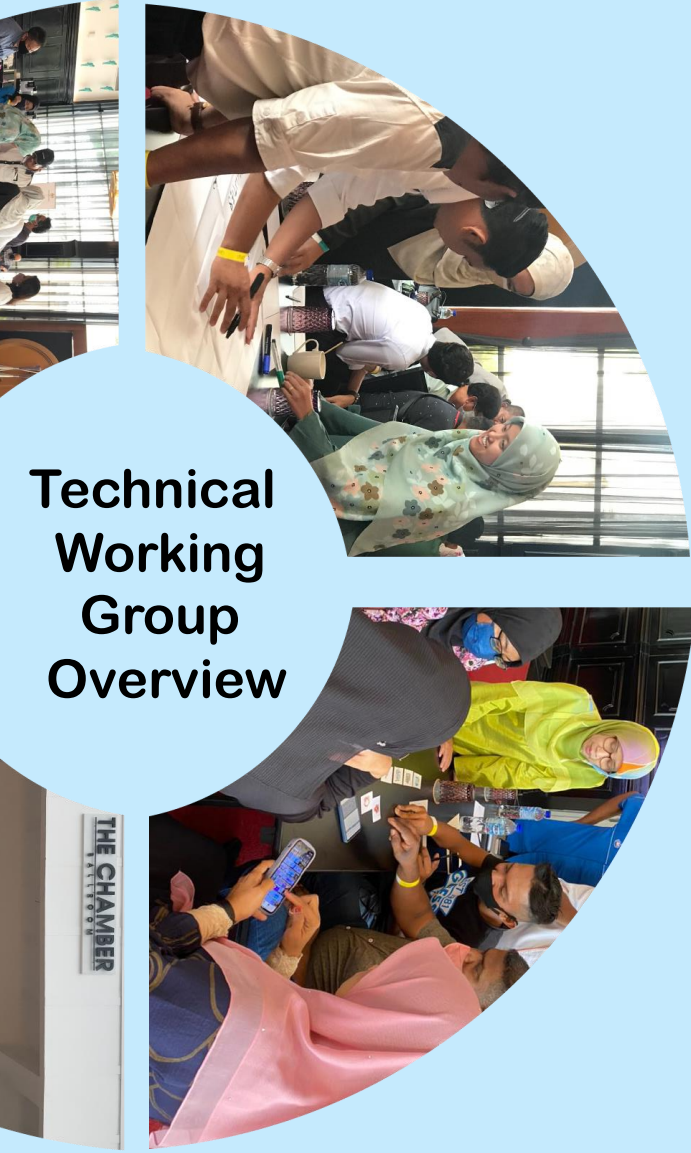
Review, approve and endorse annual work plan and budget





**Technical
Working
Group
Overview**





Technical Working Group Overview

Technical Working Group 1 (TWG 1)

Technical
Working
Group 1
Overview



Policy Support on Extended Producer Responsibility (EPR) and Single-Use Plastic (SUP) Prevention

To support incoming RMK12 on EPR Policy and Legislative under Circular Economy

To identify roles and responsibilities of key stakeholders

Provide technical training on mechanism and steering instruments for EPR scheme - by *Oeko Institute* and *Cyclos* (Germany)



EPR Capacity Building & Awareness for Stakeholders

Awareness
outreach
programs

To develop
capacity-building
and awareness

Technical
Working
Group 1
Overview





Recommendations

Legal Framework

Timeline

Roles & Responsibilities

Voluntary vs Mandatory

PRO

CEPA and Advocacy

Product/
material

Technical Working Group 1 Overview

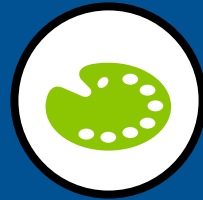




**Technical
Working
Group
Overview**



Technical Working Group 2 (TWG2)



Stimulating Plastic Recycling Markets & Design-for-Recycling

Technical Working Group 2 Overview



Study of two (2) product classification – beverage packaging and laptop

The aim of the study is to provide recommendations to remove market barrier, create market demand and enhance technology innovation

Outcome of the study will be useful for policy recommendation i.e. Malaysia Plastics Sustainability Roadmap 2021-2030



Stimulating Plastic Recycling Markets & Design-for-Recycling

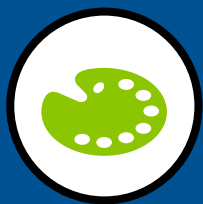
For the beverage packaging as in PET bottles, the identified minimum eco-design requirements are:

- Uniform material for body and lid/bottle cap
- Material density of less than 1 g/m³
- Uniform material for label
- Durable and fit for use with regards to shelf-life and logistic purposes
- Minimize printing area
- Use non-toxic printing ink



Technical Working Group 2 Overview





Stimulating Plastic Recycling Markets & Design-for-Recycling

For E&E product as in notebook, the design options are derived according to the following:

- Product Lifetime
- Reliability
- Operating System, Software, Firmware
- Reparability
- Use of Materials
- Readiness for Second Use and Recycling
- Ability to Recycle Devices, and Parts
- Packaging
- Manufacturing
- Energy



Technical
Working
Group 2
Overview





**Technical
Working
Group 3
Overview**



Technical Working Group 3 (TWG 3)

Technical Working Group 3 (TWG 3)

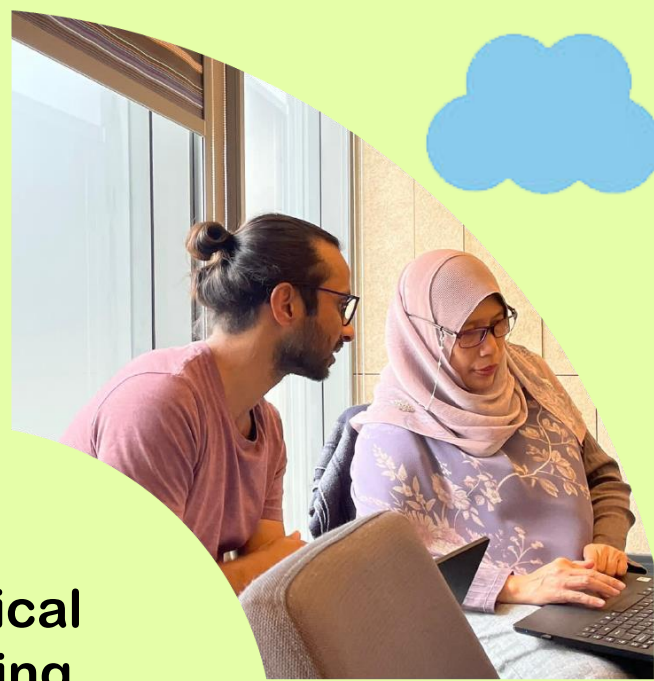


Eco-design Policy Framework

Establishing policies & regulations to implement Eco-design

Establishing minimum eco-design requirements for specific product categories.

Transitional implementation in phases for prioritized industry sectors



Technical Working Group 3 Overview





Technical Working Group 4 (TWG 4)



SELAMAT PAGI MALAYSIA

SIARAN
LANGSUNG

BERITA 

#KELUANGA
MALAYSIA



MAJLIS KEBANGSAAN
PERTAHANAN KELUARGA
TEGUS BERGAMA

NYAHKLASIFIKASIKAN JPM • KABINET TIDAK MENOLAK KEMUNGKINAN TUBUH RCI UNTUK SIA



Pilot Project SUP Prevention

Technical Working Group 4 Overview





Pilot Project SUP Prevention



Technical Working Group 4 Overview

Determine the feasibility of a SUP Prevention implementation at the city level

Developing a replicable methodology to reduce SUP use in businesses

Provide a 'sandbox' for SUP-free start-ups & SME to proof business





Achievements of Pilot Project



Technical Working Group 4 Overview



- Soft launch of Enforcement
- Expand awareness in social platforms
- Baseline assessment
- Active awareness & promotional program
- Participation in local and international conferences

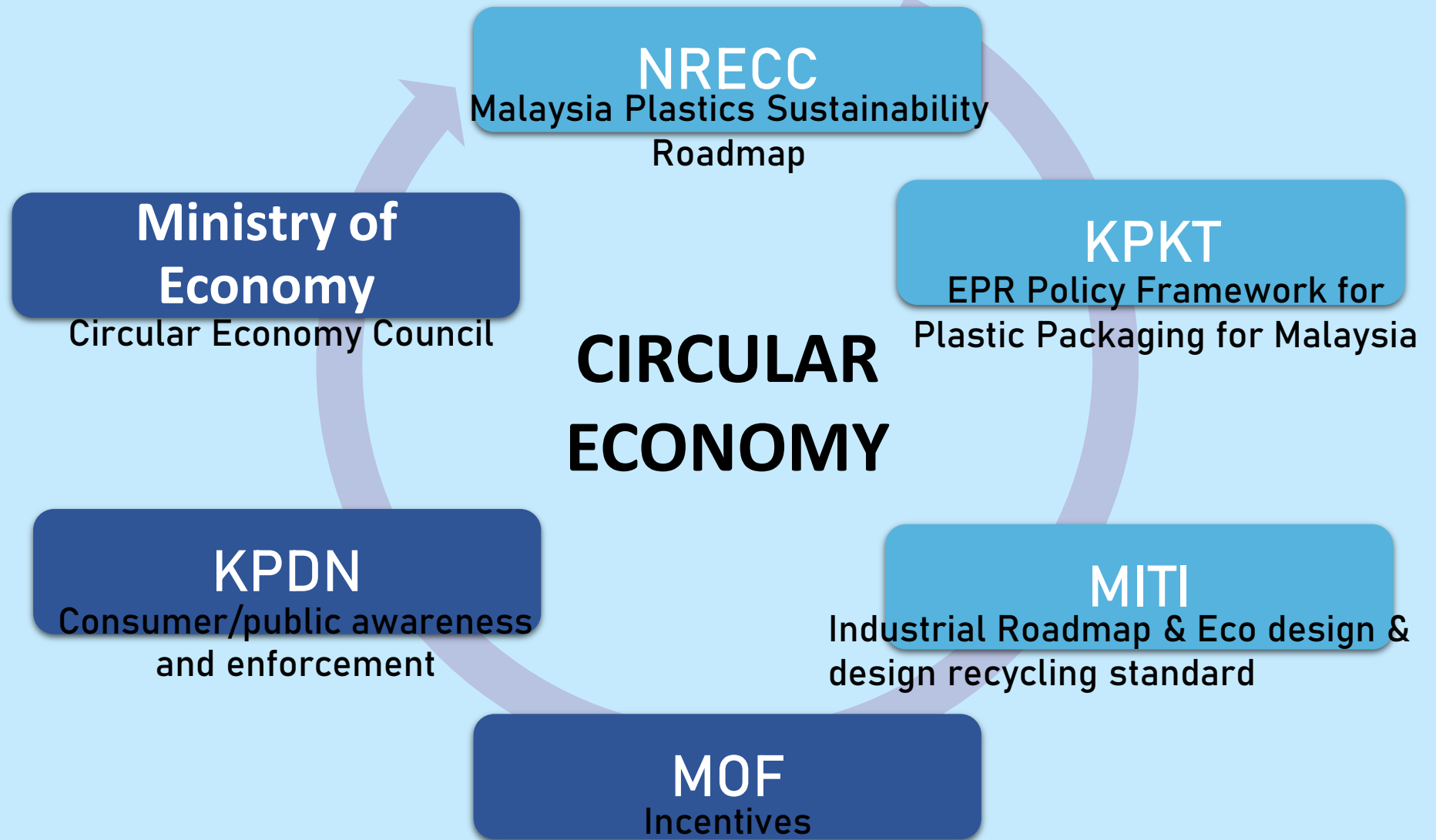
- Training on SUP Prevention
- Audit on Single-Use Plastic Consumption
- SUP Prevention Action Plan for MBSA
- Introduce reuse concept
- Establish Pilot SUP Free Community



The Way Forward

CAP SEA phase 2.0

The Way Forward CAP SEA 2.0





CAP SEA 2.0 Work Packages (Initial Ideas)

EPR Policy Framework

Support in institutional coordination of EPR legal framework

Continue to provide Technical Advisory Services for development of EPR Policy Framework





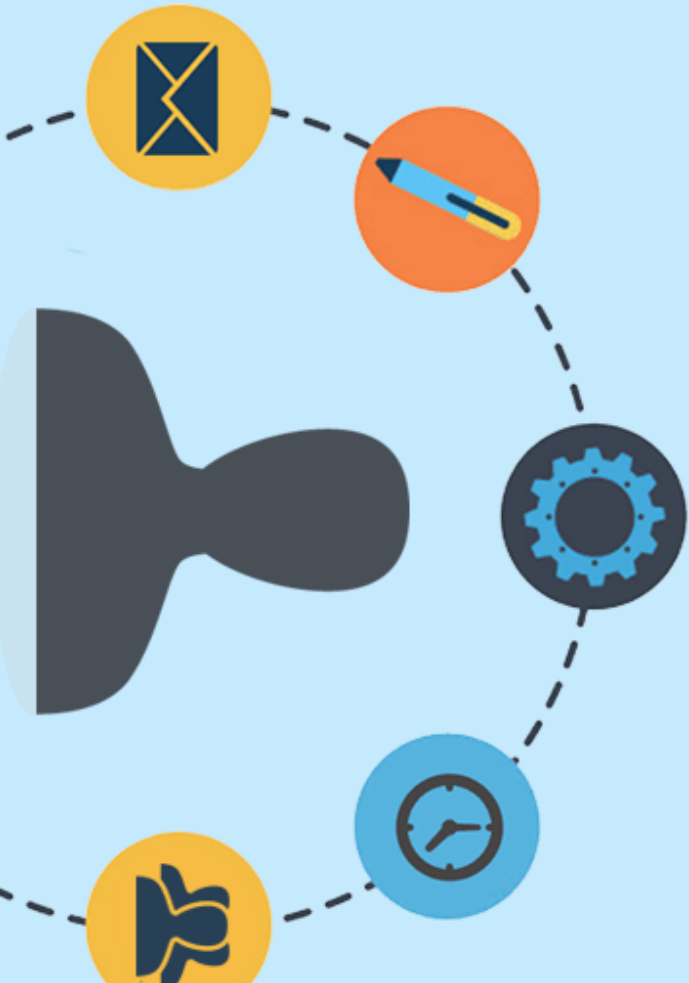
CAP SEA 2.0 Work Packages (Initial Ideas)

Eco-Design Policy Framework

Awareness raising and capacity building on Eco-Design

Providing demand-oriented technical adv

- Gap analysis
- Enforcement
- Legislative framework
- E.g. piloting a product group





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Any enquiries, kindly contact



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JUNIOR ADVISOR

GIZ

nadirah.abdmanaf@giz.de

CAPSEA



Technical Working Group Video



Thanks for
Watching!



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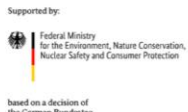
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Kepada

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SIRIM
BERHAD



SIRIM BERHAD

“ SIRIM Berhad telah menghasilkan kajian *Preparatory Study on Beverage Packaging* dan *Notebook (Computer)* serta kerangka *Ecodesign Framework for Policy Support in Malaysia*. Hasil kajian mereka telah banyak memberi cadangan-cadangan yang boleh digunakan untuk mengurangkan penggunaan plastik di Malaysia. ”





SWCORP



SWCORP

PERBADANAN PENGURUSAN SISA
PEPEJAL DAN PEMBERSIHAN AWAM

“ SWCorp telah menerima latihan teknikal bersama KPKT bagi penyediaan polisi dan perundangan peluasan tanggungjawab pengeluar (EPR) bagi sisa pepejal di Malaysia dan juga program kesedaran mengenai EPR untuk pemegang taruh di Langkawi ”



MBSA

MAJLIS BANDARAYA SHAH ALAM



MBSA

MAJLIS BANDARAYA SHAH ALAM

“ MBSA telah menjalankan projek Pilot di Shah Alam dengan memperkenalkan pelan tindakan pengurangan penggunaan plastik sekali guna (SUP) dan mempromosikan konsep guna semula. ”



MARE

MALAYSIAN RECYCLING ALLIANCE

Y S I A N R E C Y C L I N G A L L I A



“ MAREA telah bekerjasama bersama CAP SEA untuk menghasilkan program kesedaran mengenai EPR

”



WWF

**WORLD WIDE FUND
FOR NATURE MALAYSIA**



WORLD WIDE FUND FOR NATURE MALAYSIA

“

WWF yang telah bekerjasama
bersama CAP SEA untuk
menghasilkan program
kesedaran mengenai EPR dan
latihan bagi pencegahan SUP

”



اُونِيُوَسِيْتِي تِيكِنُوْلُو كِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA

Pusat
Hijau
UiTM

Greener & Healthier Lifestyle



اَوْبُو سَيِّدِي تَيْكُو لُو كِي بِمَارَا
UNIVERSITI
TEKNOLOGI
MARA

Pusat
Hijau
UiTM

Greener & Healthier Lifestyle

“
UITM Green Centre yang telah bekerjasama bersama
MBSA dalam program latihan kesedaran pencegahan SUP ”





**DWI
MAS**
INTERNATIONAL
SCHOOL

“ Dwi Mas telah berkerjasama bersama MBSA & ENVIU untuk memperkenalkan konsep guna semula di kalangan pelajar sekolah. ”

An architectural rendering of a modern multi-story residential and commercial building complex. The building features a mix of glass facades, balconies with greenery, and a ground-level area with a parking lot and a walkway. The text is overlaid in a bold, orange font.

BADAN PENGURUSAN BERSAMA
VISTA ALAM

BADAN PENGURUSAN BERSAMA VISTA ALAM

“ JMB Vista Alam telah berkerjasama bersama MBSA untuk memperkenalkan pelan tindakan dan program-program pencegahan SUP dan memperkenalkan konsep guna semula dikalangan penduduk Vista Alam dan pemilik premis di Vista Alam

”



Reef Check

MALAYSIA



Reef Check

MALAYSIA

“ REEF CHECK telah membantu dalam program kesedaran pencegahan SUP Bersama komuniti di Shah Alam ”





“ Puan Sarifah telah membuat kajian awal atau baseline study untuk mengkaji tahap kesedaran penduduk Shah Alam terhadap sisa plastik dan pengurusannya. Beliau juga telah menyediakan program latihan kesedaran pencegahan SUP yang boleh dikongsi oleh MBSA Bersama stakeholders lain di Shah Alam ”

Sesi PENYAMPAIAN SIJIL

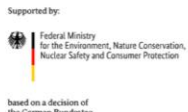
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Sesi TAZKIRAH

Ramadan Kelestarian Alam Sekitar Tanggungjawab Bersama

Oleh Ustaz Muhammad Khairul bin Abdul Razak

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