

Circular Economy and Sustainable Plastic Indonesia: Exercising Policy and Innovation with Life Cycle Thinking

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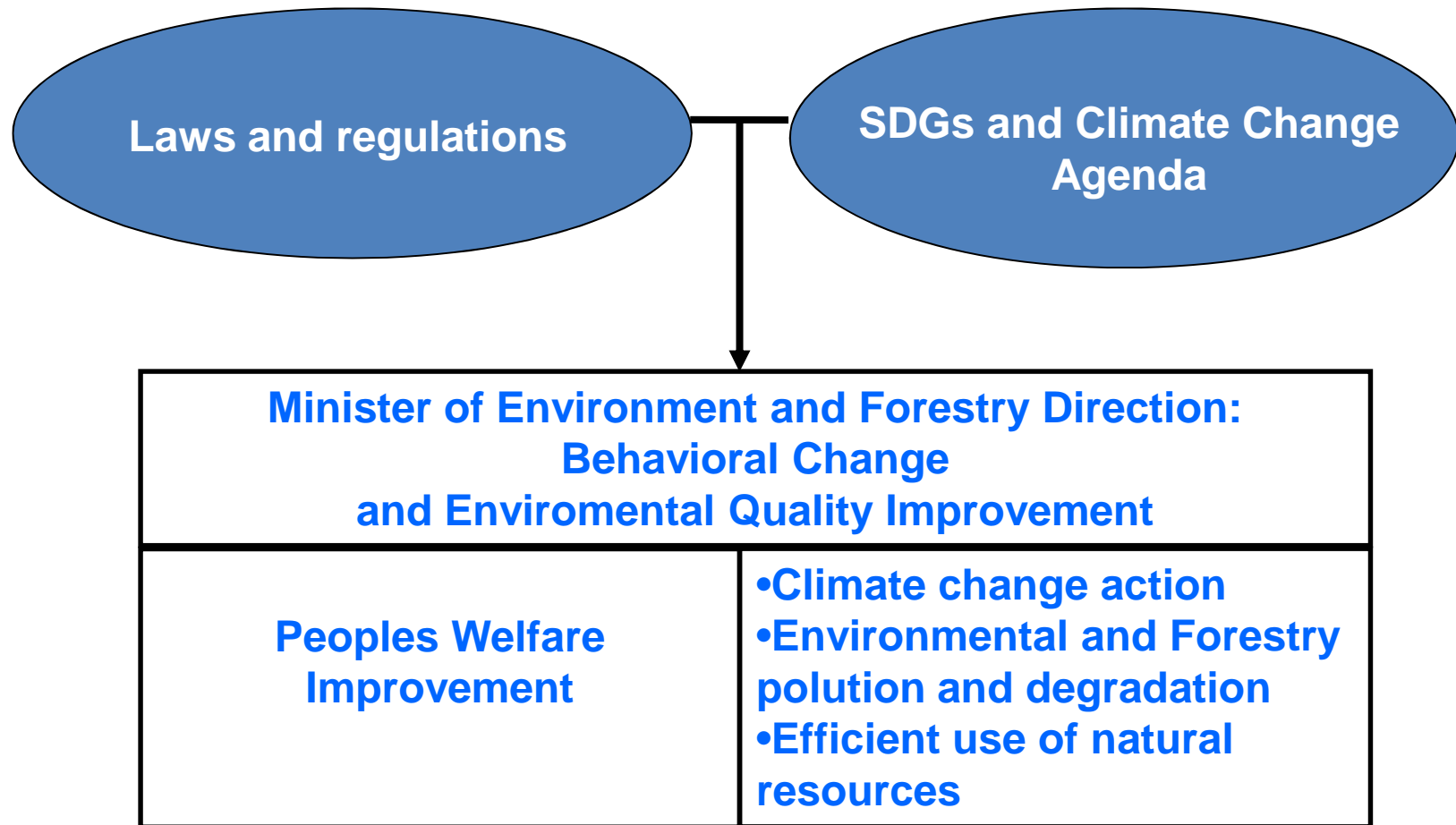
Center for Environmental and Forestry Standardisation
Ministry of Environment and Forestry
2016

17 Goal of SDGs

In September 25, 2015, UN Adopted 2030 Agenda :
17 Global Goals of Sustainable Development Goals



Policy Direction and Context



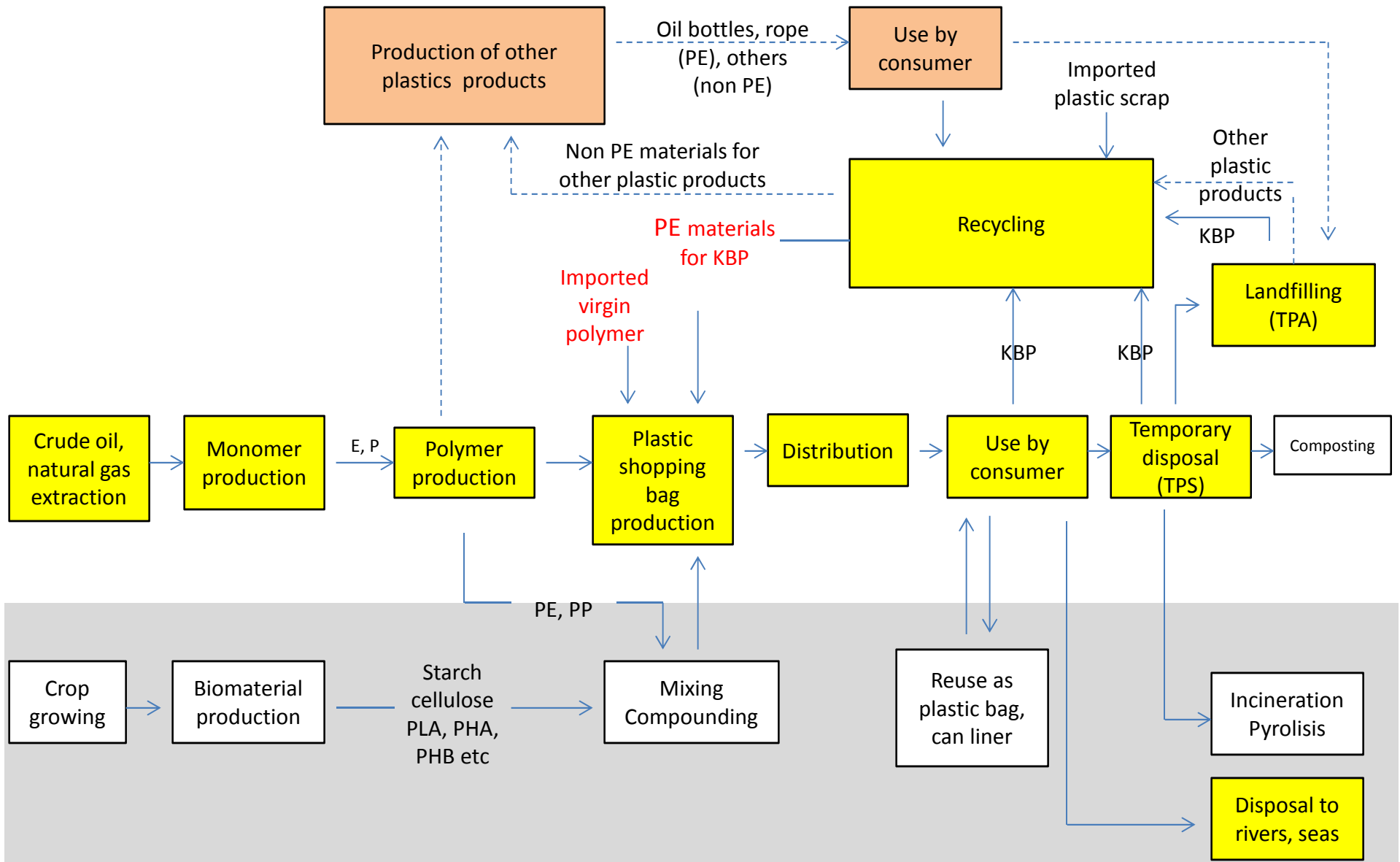
Portfolio of Standards to Drive Behavioral Change

Government	Business	Society
<p>Eco Office Standard (Green Office)</p> <p>Green Public Procurement System</p>	<p>Environmental Management System</p> <p>Ecolabel Standards for eco/green product/service</p> <p>Environmentally Sound Technology Performance Standards</p> <p>Sustainable use of material and energy (upstream and downstream)</p>	<p>New Area:</p> <p>Public Services Standards (Standar Pelayanan Masyarakat /SPM) for environmentally friendly public facilities</p> <p>2015: Shopping Center, Traditional Market, tourism areal</p> <p>2016: implementation start</p>

Life Cycle Thinking

- Ministry of Environment start to exercise the use of life cycle thinking as basis policy formulation to develop sustainable consumption and production pattern of materials
- Center for Environmental and Forestry Standardisation develops sets of standard schemes that can be utilised in intervention for material sustainability pattern such as life cycle assessment, environmental management system and ecolabeling.

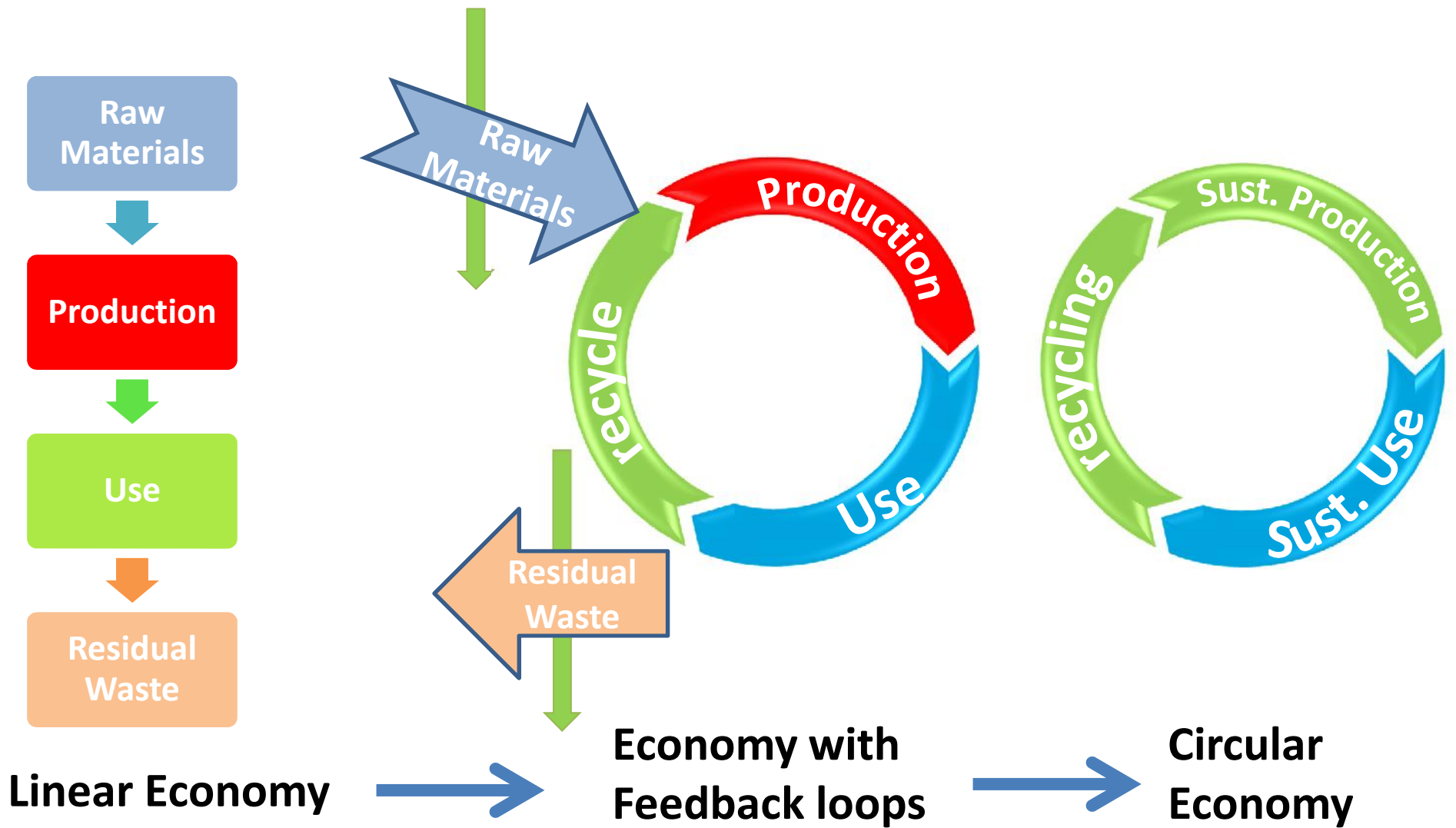
Upstream - Downstream Generic Maps of Plastic Bags Based on Life Cycle Perspective



Other policy exercise and action in Indonesia

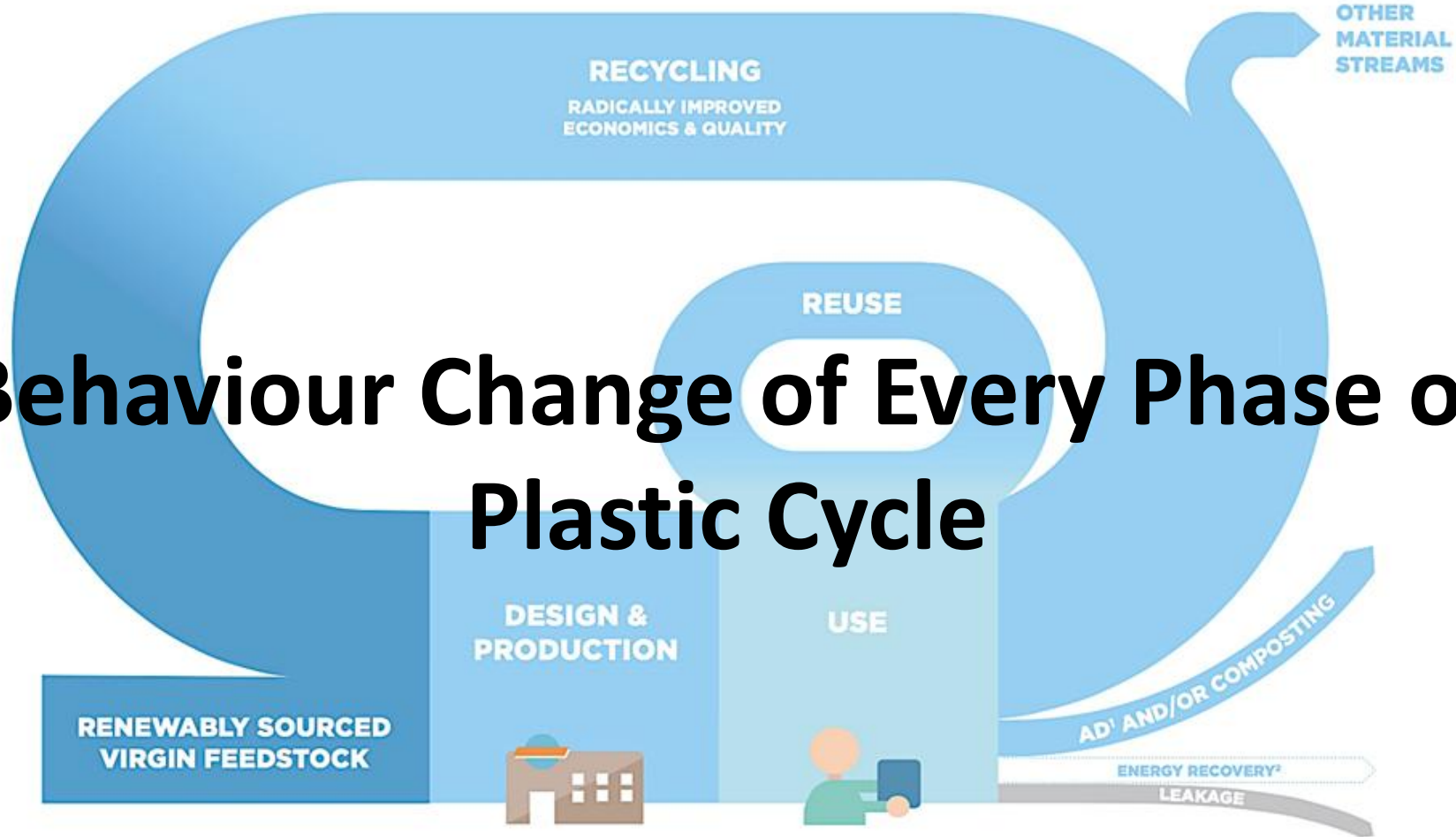
- Policy test on paid plastic bag at modern retailers / chain store (MoEF)
- Styrofoam banning/reduction policy plan (Mayor of Bandung)
- Plastic bag diet movement (<http://dietkantongplastik.info/>)
- Tumbler movement (various organisations)

Moving From Linear Economy*



* Adapted from Paul Connett / Wrap UK

1 CREATE AN EFFECTIVE AFTER-USE PLASTICS ECONOMY



Behaviour Change of Every Phase of Plastic Cycle

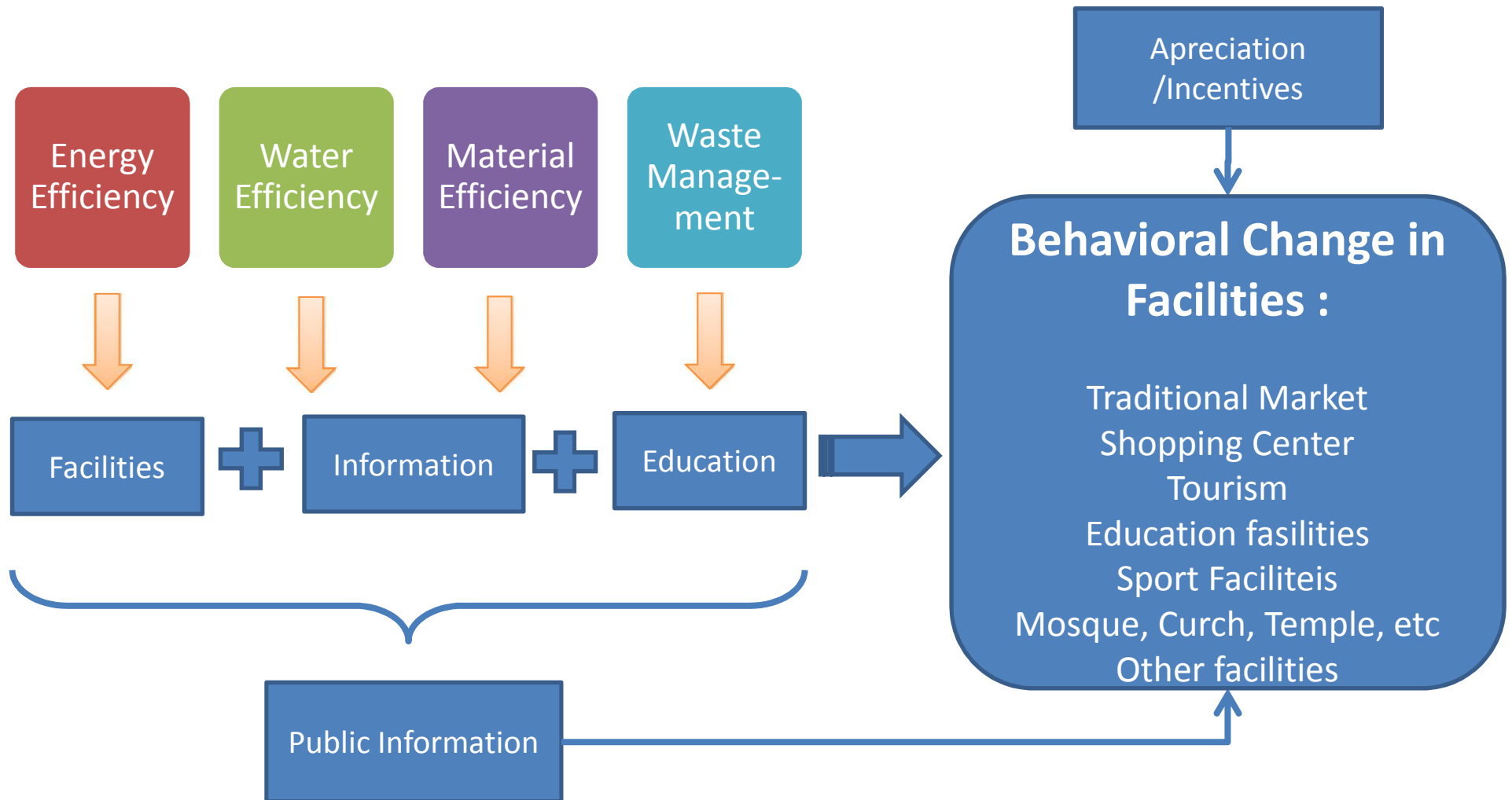
3 DECOUPLE PLASTICS FROM FOSSIL FEEDSTOCKS

1 Anaerobic digestion

2 The role of, and boundary conditions for, energy recovery in the New Plastics Economy need to be further investigated.

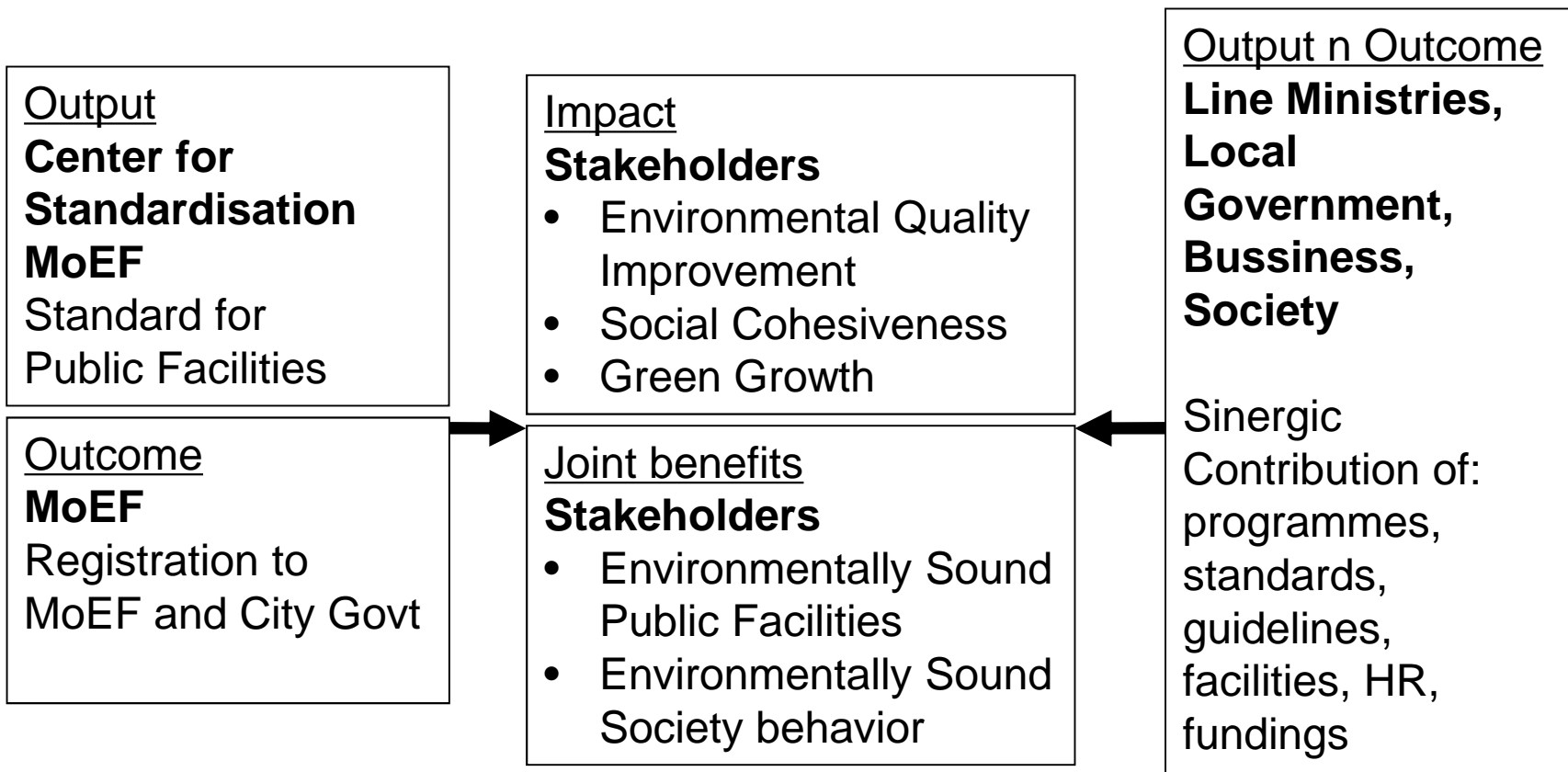
2 DRASTICALLY REDUCE THE LEAKAGE OF PLASTICS INTO NATURAL SYSTEMS & OTHER NEGATIVE EXTERNALITIES

SPM : Standards Enabling Behavioral Change in Public Facilities



Police Drive Benefits

Real engagement of Laws and Regulation, SDGs, and Climate Change Action into society in daily activities for environmental quality improvement



Leadership, Collaboration, Coherency, Stakeholders Sinergy



HALO! HELLO!



Kamu memasuki
kawasan #goodfestival
You are entering a #goodfestival

Selamat datang,
mari bersenang-senang,
dan mari ciptakan perubahan!
Welcome, have fun, and let's make a difference!



Hindari makan dan minum yang beresisa
Avoid producing food waste, eat all you take



Buang sampah pada tempatnya
Make sure you throw your waste in the trash bin



Hindari penggunaan styrofoam
Avoid using Styrofoam



Dapatkan diskon dengan membawa tempat makan dan tempat minum sendiri.)
Bring your own lunchbox and tumbler. Discounts are available!)



Deposikan sampah yang dapat di daur ulang ke booth #RecyclebankID dengan hadiah menarik.
Deposit your recyclable waste at the #RecyclebankID booth. We will reward you for your great effort!)



Kurangi penggunaan material sekali pakai seperti: kantong kresek, botol plastik, sedotan, dan kemasan plastik.
Minimize the use of disposable material plastic bags, plastic bottles, straws, and plastic food containers



Hindari penggunaan kantong kresek, gantilah dengan reusable bag
Bring your own reusable bag

“ TERIMA KASIH
ATAS PARTISIPASINYA!
THANK YOU FOR PARTICIPATING! ”

#goodfestival



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**ENGAGEMENT AND
COLLABORATION:
IMPLEMENTATION
PILOT IN BANDUNG**

DEDIKASI UNTUK



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THANK YOU