

#### **KEYNOTE ADDRESS**

#### The 5<sup>th</sup> Regional 3R Forum in Asia and the Pacifi

#### Waste Management Policy in Indonesia: 3Rs Adoption and Implementation

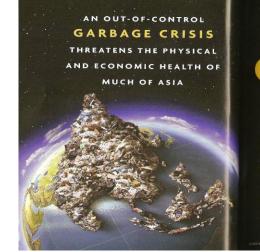
Prof. Dr. Balthasar Kambuaya, MB. Minister of the Environment, Republic of Indonesia

## **GLOBAL CHALLENGES**

Negative impacts to environment could threaten our energy, food, and water security.

Wealthier will consume more and producing huge number of rubbish.

Three quarters of the total world population will be city dwellers in 2050.



#### IT'S TIME TO CLEAN UP

S WE BECOME WEALTHIER and consume more, we are producing unprecedented quantities of rubbish. The Asian Development Bank (ADB) estimates that our largest cities produce on average 760,000 tons of solid waste per day. It predicts that there will be a two-fold increase – to 1.8 million tons – by 2025.

| BY WILLIAM ECENBARGER



### **INDONESIA CHALLENGES**



# **INDONESIAN POLICY & STRATEGY** IN SOLID WASTE MANAGEMENT

Right to have Clean and Healthy Environment is mandated in our Constitution 1945.

Act Number 32 Year 2009 pertaining Environmental Protection and Management, and Act Number 18 Year 2008 pertaining Solid Waste Management.

Act No. 18 Year 2008 is mandating us to reshaping the way we manage our solid waste

ENGAN RAIMAT TUHAN YANG MAHA ES/ balawa periodolasin sampah selama ini belium sesu

ANG UNDANG REPUBLIK INDONESI-

NOMOR 18 TAHUN 2005 TENTANG PENGELOLAAN SAMPAR

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volume, jenis, dan karakteristik sampah nakin beragam:

engan metode dar teknik pengelolaan sampa

asional sebingga progelolaannya pertu dilakukar sear memberikan manfaat secara daonomi, sehat

http://www.docstoc.com/

http://www.puspita.depkeu.go.id/

The principles of 3Rs (reduce, reuse, and recycle) are becoming key approach.

# INDONESIAN POLICY & STRATEGY IN SOLID WASTE MANAGEMENT SU

#### 4 key actors namely **community**, **central government**, **local government**, **and business**

Indonesia Waste Management Strategies based on 4 pillars:

- increasing community capacity
- strengthening commitment of ministries and national agencies
- strengthening local leaderships and local capacity
- strengthening commitment of business sector



Lesson learnt from Surabaya 3r Programme

## INDONESIAN POLICY & STRATEGY IN SOLID WASTE MANAGEMENT



COMPOSTABLE

LL NATURAL

VET WT 7 5 07 (21)

PepsiCo to launch 100% plantbased PET bottle in 2012

Posted by Anne Marie Mohan 1 day ago | See 1 comment Filed in: Bottles, Beverage

Made entirely from bio-based raw materials, the 'green' bottle 1 PET and is fully recyclable.



 EPR approaches: (a) designing and producing environmentally friendly product and packaging; (b) establishment of take back system; (c) enhancing collaboration with recycle industry.

# **COLLABORATION IS A KEY TO SUCCEED**

Important approach is collaboration among 4 main actors: community, national government, local government and business.

Multilayer collaboration could increase our efficiency and effectiveness

"INDONESIA BERSIH SAMPAH 2020 or INDONESIA CLEAN OF RUBBISH 2020".

Multilayer collaboration should be expanded













## **CLOSING REMARKS**

Establish good collaboration, cooperation and partnership

Collaboration among Ministry of the Environment and Ministry of Public Works Republic of Indonesia, City of Surabaya, Ministry of the Environment Japan, and United Nations Centre for Regional Development (UNCRD) as good example of benefits of collaboration.

I do hope, you all can enjoy your stay in Indonesia, especially in Sparkling City of Surabaya.



### THANK YOU, TERIMA KASIH