



Hong Kong Green Strategy Alliance 香港綠色策略聯盟

“綠色策略，共創未來”

**HKGSA Chairman invited as the Guest of Honor
at the 20th Annual General Meeting (AGM) of
the Hong Kong Waste Management Association**

23rd September 2013, the Hong Kong Club

Our Chairman, **Dr. W.K. Lo**, was invited by the Hong Kong Waste Management Association (HKWMA) to be the Guest of Honor at HKWMA's 20th Annual General Meeting (AGM) in the evening of 23rd September 2013, and shared his insights on the current challenges on waste management issues in Hong Kong.

HKWMA has been an active association in the local waste management industry for over two decades, and HKGSA has been maintaining close contacts with HKWMA on any potential collaborations and activities towards promoting greener and more sustainable waste management.

The AGM was attended by over 80 guests and Dr. Lo's presentation was well received. The HKGSA looks forward to continuing and expanding its current cooperation with HKWMA for the decades to come.



*Chairman sharing his insights on
current waste management issues*



*Chairman's speech well received
by over 80 guests*

EVENT REPORT



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Group Photo with the Chairman and Committee Members of HKWMA



Photo with Other Guest and Friends

EVENT REPORT

Unit G, 7/F., Century Centre, No. 33 – 35 Au Pui Wan Street, Fo Tan, New Territories, Hong Kong
info@hkgsa.org / www.hkgsa.org

Hong Kong Green Strategy Alliance (HKGSA) is a non-profit making association, and is a Registered Society under the Societies Ordinance (Cap 151).



盧偉國議員 博士 工程師
Ir Dr Hon Lo Wai Kwok

工程心・社會情

WK Lo's Sharings

Speech at Annual General Meeting of Hong Kong Waste Management Association

Ir Dr the Hon LO Wai Kwok, BBS, MH, JP
BSc(Eng) MSc(Eng) MBA EngD CEng FHKIE FIET FIMechE RPE

盧偉國 議員 博士 工程師

Legislative Councilor (Engineering FC)
Chairman, HKGSA

23 September 2013

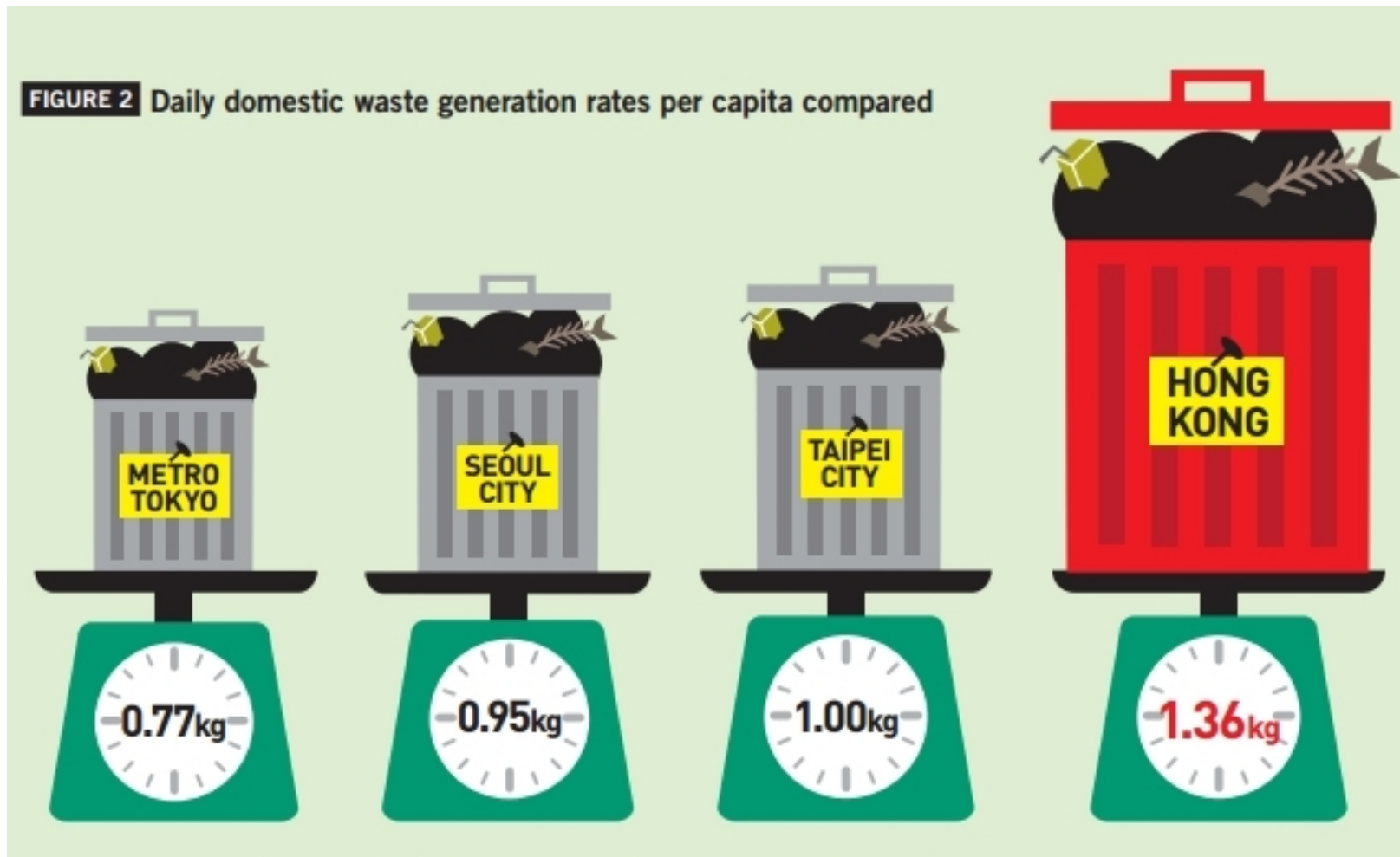
Waste Management in Hong Kong – the Challenges



Source : Internet

**Small place, but inhabited
by more than seven million people**

Waste Management in Hong Kong – the Challenges



Daily domestic waste generation

Source: Environment Bureau

Waste Management in Hong Kong – the Challenges



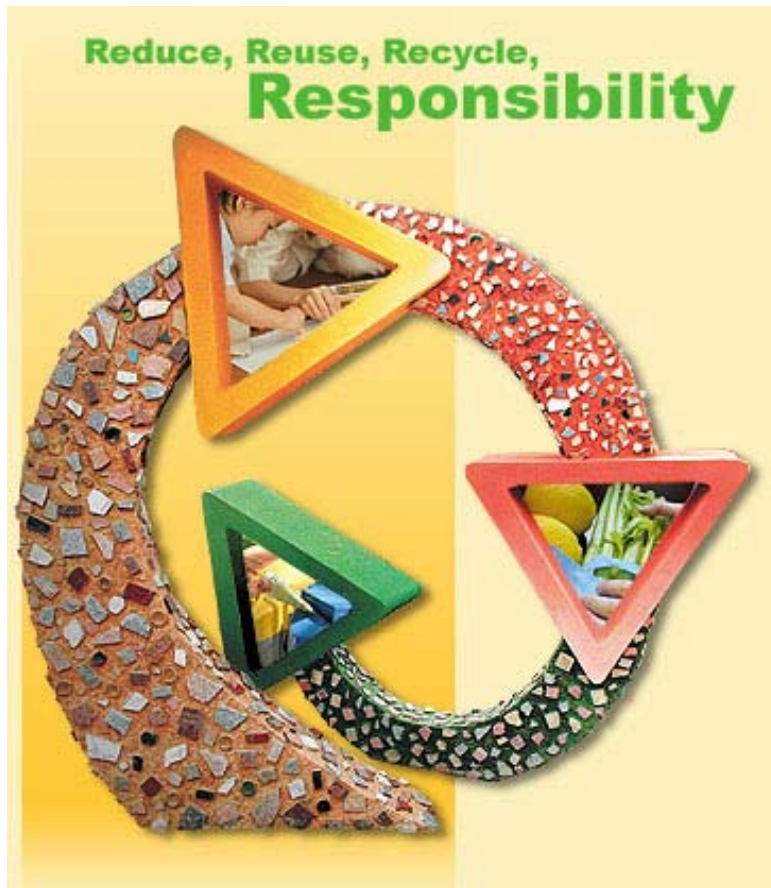
Source: Internet

**13,800 tonnes of waste everyday,
of which 9,100 tonnes MSW**

Waste Management in Hong Kong – the Challenges

- We are still relying on the three landfills as the only way to treat our waste.**
- It is expected that the three landfills will be filled up in 2015, 2017 and 2019 respectively.**
- We talked about incinerators, but yet we have none. The SAR Gov has just won the JR on the Shek Kwu Chau IWMMF project.**

Policy Framework for the Management of Municipal Solid Waste (2005-2014)

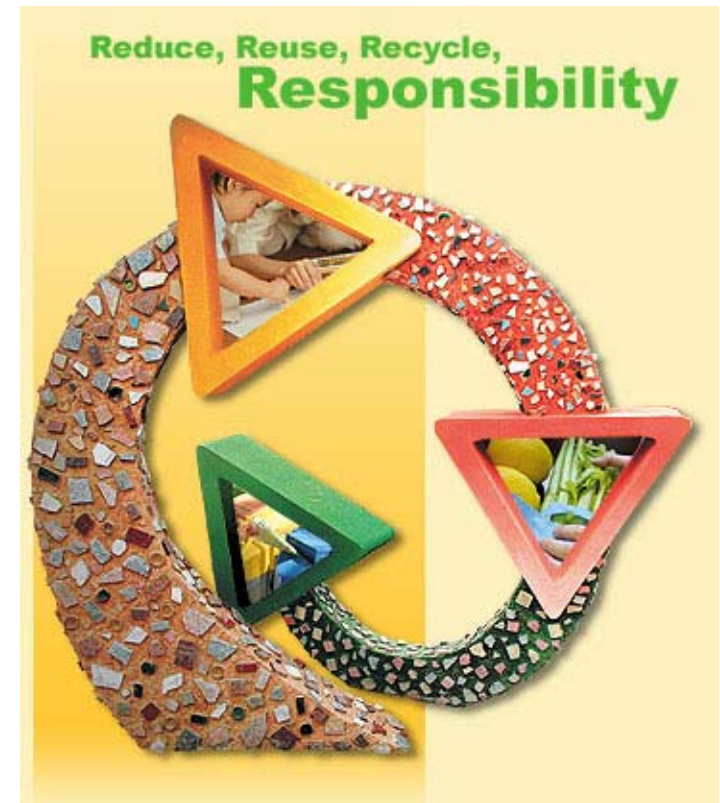


Hong Kong: Blueprint for Sustainable Use of Resources 2013-2022



Policy Framework for the Management of Municipal Solid Waste (2005-2014)

- **Introduce producer responsibility schemes for six types of products: vehicle tyres, plastic shopping bags, electrical and electronic equipment, packaging materials, beverage containers and rechargeable batteries**



Policy Framework for the Management of Municipal Solid Waste (2005-2014)

- **Product Eco-responsibility Ordinance** passed in 2008, imposition of environmental levy on plastic bags (first producer responsibility scheme)



Source: Internet

However, the progress of implementing other scheme is slow...



Source: Internet

First example: handling of waste electrical and electronic equipment

- **70,000 tonnes of waste electrical and electronic equipment are generated annually, increases by about 2% annually**
- **3 voluntary schemes introduced, but volume recovered only 1% of the whole**

Difficulties faced:

- **Complicated processes of dismantling, toxin removal and recovery**
- **Land, capital and technical assistance**

Second example: waste glass bottle

- **Daily volume disposed in the past decade was about 250 tonnes, 3% of the daily disposal volume of MSW**
- **Harmful substances, toxin removed**
- **Construction materials: eco-pavers**
- **Higher costs and higher levels of technology**
- **Financial incentives from the Government?**



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Centre for industrialization and development of environmental protection technologies

環保技術產業化及發展中心

- **Advocate the establishment of this centre**
- **Serve as an authoritative and independent 3rd party providing services in technological support, vetting new technologies and consultation**
- **Make use of HK's advantages, extend our service to the PRD region**
- **Promote inter-regional technological transfer and co-operation**

Regional Co-operation

- **Government ought to assist the industry in the non-local sale of local green products and technologies**
- **Promote regional circular economy**
- **Regional Co-operation Plan on Building a Quality Living Area: HK, Macau, Guangdong (共建優質生活圈專項規劃)**
 - **develop a low-carbon, high-tech and low-pollution city cluster marked by quality living**
 - **promote cross-sector co-operation in recycling and reuse, and the development of environmental protection industry**

共建優質生活圈專項規劃
Regional Cooperation Plan on Building a
Quality Living Area



- **setting up a regional co-operation committee;**
- **jointly driving the development of the eco-conference and exhibition trade in the region, and jointly recommending quality green technologies and products;**
- **setting up a professional website and promoting the establishment of e-commerce platform for environmental industries in the Greater PRD region;**

共建優質生活圈專項規劃

Regional Cooperation Plan on Building a

Quality Living Area



- **exploring new mode of cross-boundary co-operation in the reuse of recyclable materials through pilot projects;**
- **jointly promoting the research and application of recycling technologies to upgrade the "regional circular economy" in Greater PRD**

We must progress with time, and adopt a new vision for formulating policies and measures to promote the development of the environmental industry in Hong Kong!



Source: Internet



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**“Political Will Power” of the SAR
Government is crucial !**

**We, being professionals & practitioners
in the industry must have a stronger
voice!**





盧偉國議員 博士 工程師
Ir Dr Hon Lo Wai Kwok

工程心・社會情

WK Lo's Sharings

Thank you !

email: wklo@engineer.com