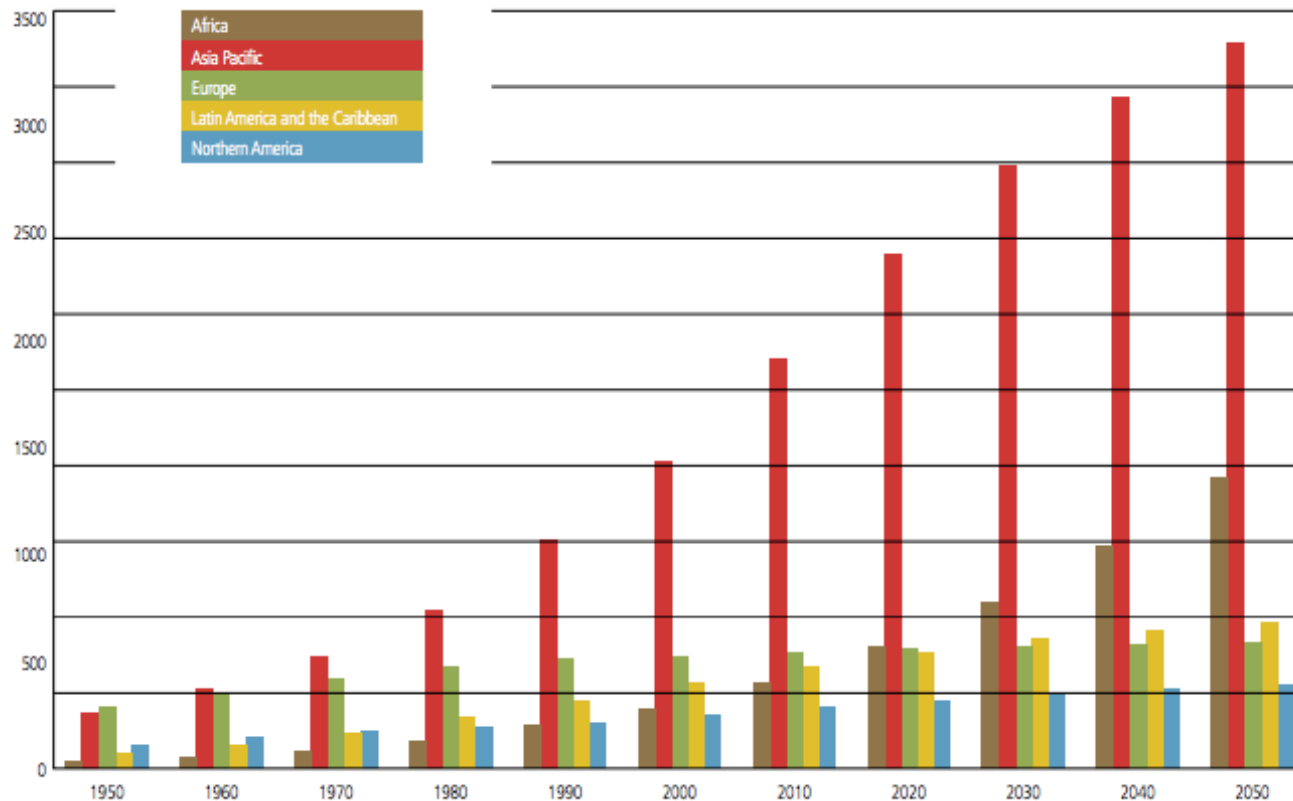


Promoting the Integrated Resource Recovery Center model in Asia and the Pacific



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The urban population in Asia-Pacific is growing...



Urban population (thousands) by sub-region 1950-2050

Source: Data from World Urbanization Prospects 2014, in State of Asian and Pacific Cities 2015

...and so are the amounts of waste



Rising incomes

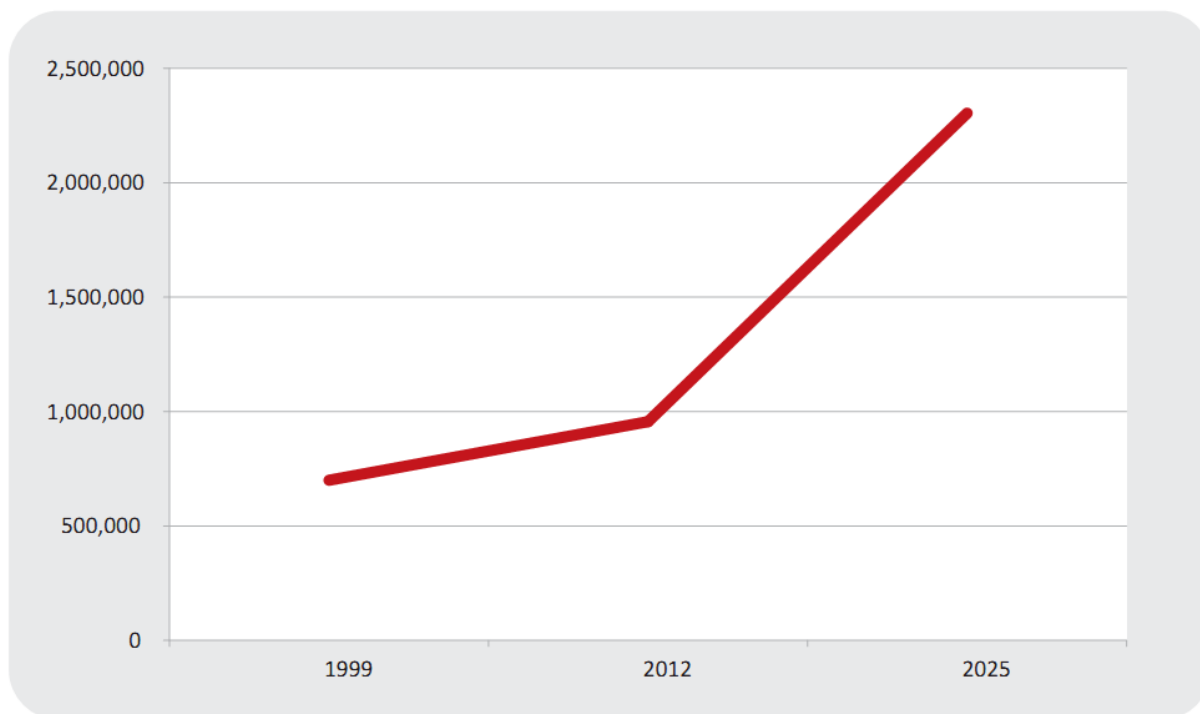
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**Increased
consumption**

Total amount of waste (tonnes) generated per day in Asia-Pacific



Source: ESCAP, based on World Bank data. See World Bank, *What a Waste: A Global Review of Solid Waste Management*, Urban Development Series Knowledge Papers (Washington, D.C., 2012).



Negative impacts

**Vermin
and
disease
vectors**

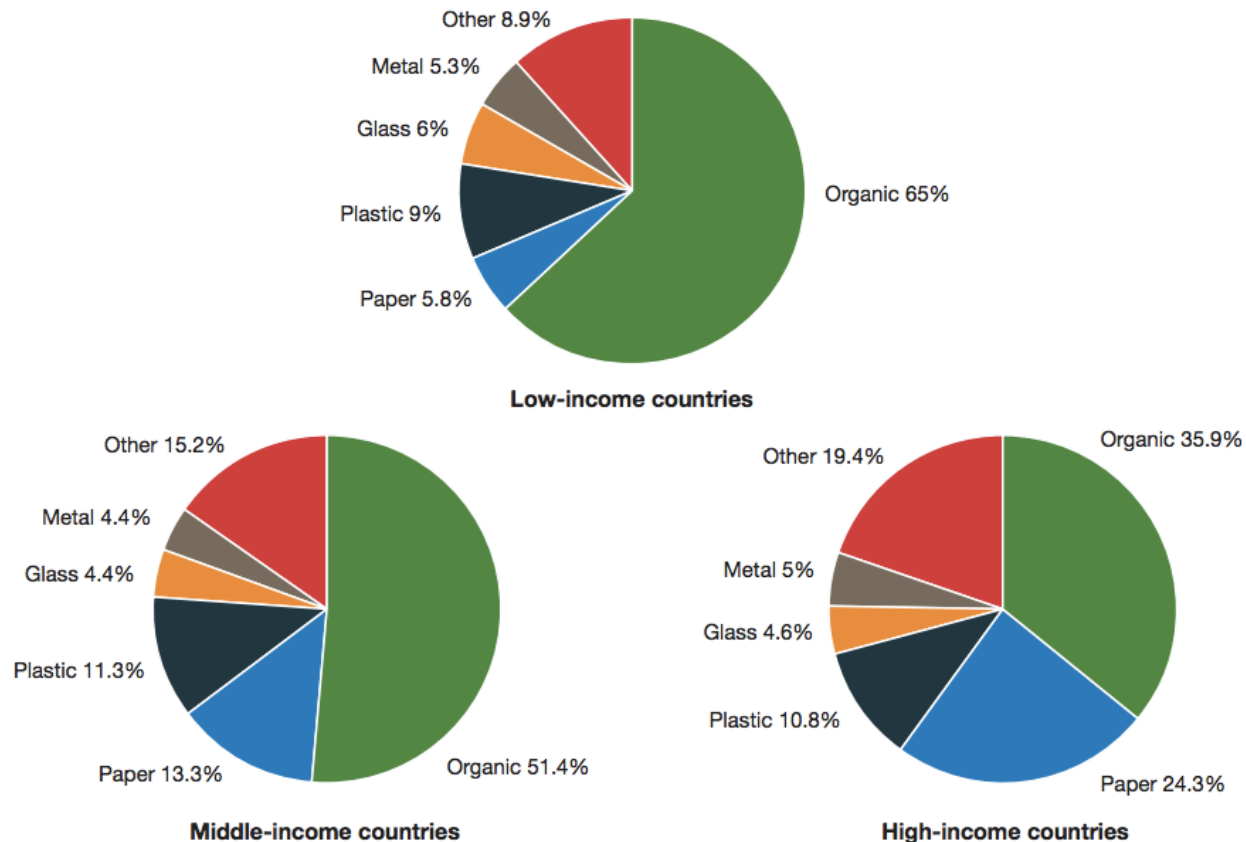
Foul odors

**Leachate
runoff**

**Methane
emissions**

**More land
requires
for
disposal**

Seeing opportunities in challenges



Composition of municipal solid waste in low-, middle- and high-income countries

Source: Data from World Bank, in *Valuing Waste, Transforming Cities*

A pioneering solution

- An **Integrated Resource Recovery Center (IRRC)** is a recycling facility where a significant portion (80-90%) of waste can be processed in proximity to the **source** of generation, and in a **decentralized** manner. The IRRC concept is based on the reduce, reuse and recycle (3R) principles
- The **Integrated Resource Recovery Center** model was developed by Waste Concern, an NGO based in Dhaka
- The model is **cost-effective, affordable, low-tech and community-based**, and allows transforming waste into various types of resources





预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_3144

