

PLASTIC IN THE URBAN DEVELOPMENT

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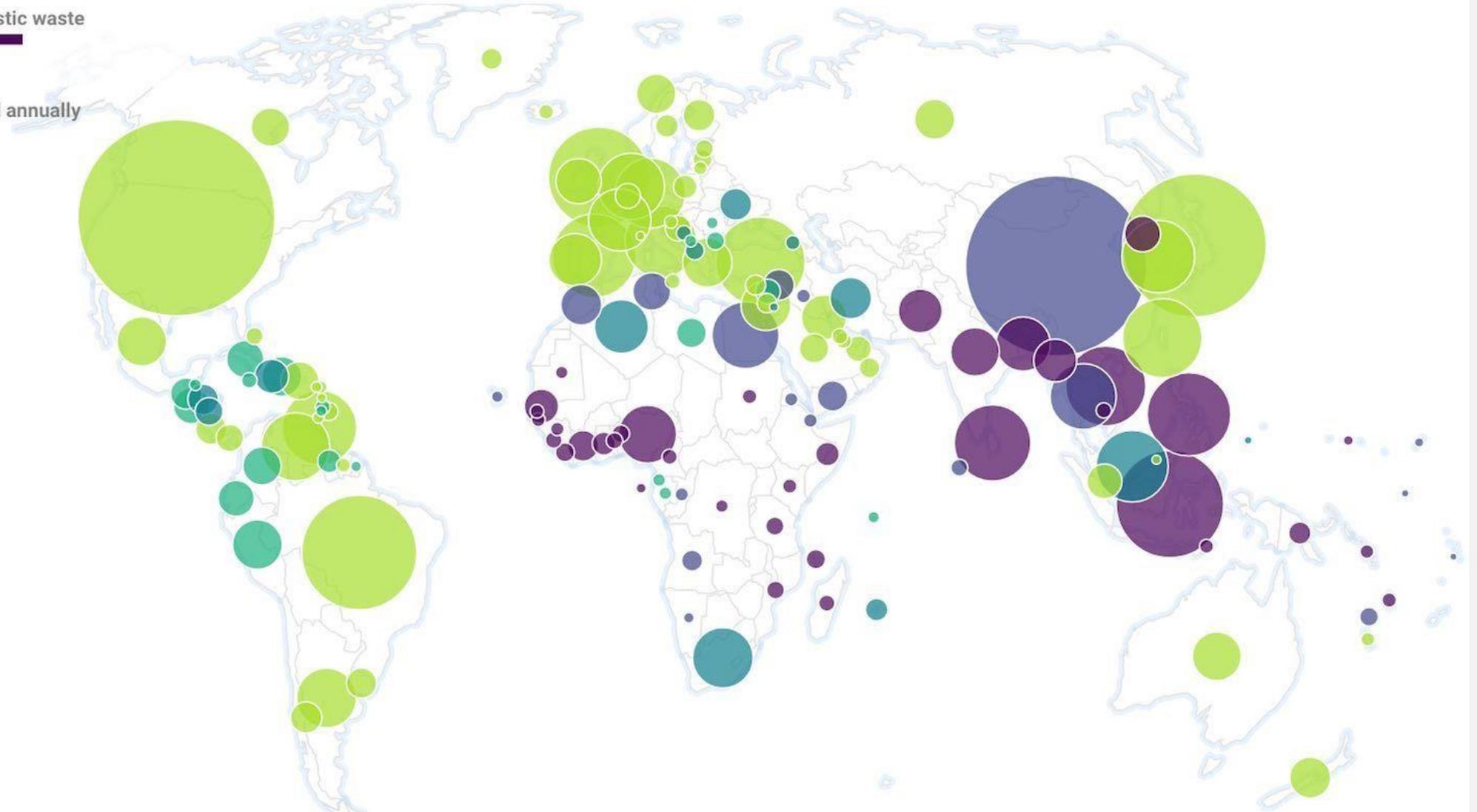
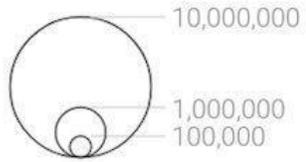
Source: Worldbank

The global volume of plastic waste continues to grow, and **some of the biggest producers don't manage their waste effectively.**

% of inadequately managed plastic waste



Tons of plastic waste generated annually



A GOOD APPROACH?



Parma started its **zero-waste strategy** in 2013 by improving the separate collection of waste through door to-door collection, introducing eco-stations and eco-wagons. The city started to implement a **separate waste collection system** focused on the separate collection of paper and cardboard; glass; and plastic, metals and composites.



Rwanda has **banned nonbiodegradable plastic use** since 2008. Instead of providing **tax incentives** to companies that manufactured plastic bags, authorities encouraged them to recycle, which therefore created a new market for environmentally friendly bags.

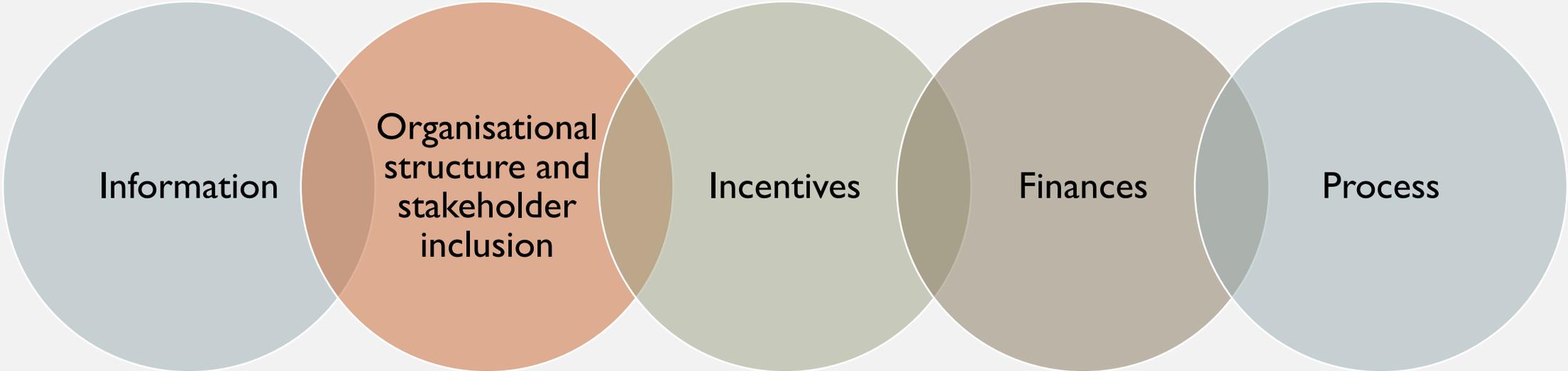


A **bottom-up approach** comes from Phu Quoc Island in Vietnam by engaging local communities, businesses, organisations & government agencies to commit to and maintain the reduction of plastic waste on the island. Eventually, an **action plan** is being devised to reduce plastic waste in Phu Quoc in 2025, with a vision to 2030.



Amsterdam Clean Water was founded in 2016 by the **City of Amsterdam**, Waternet, the Port of Amsterdam, the Plastic Soup Foundation, PlasticsEurope Nederland, NRK, and Berenschot, as part of the City of Amsterdam's central "clean city" project. The 3-year program aims to bring **structural change in waste management** concerning the waters of Amsterdam.

SUCCESSFUL MAINSTREAMING



COVID-19 AND THE PLASTIC

IHS studied qualitative and analysed about **90 CRIs** in **42 cities**,
across **32 countries**.

CRI_s EXPERIENCES

Brazil, Teresina - *Recicladoras do Futuro*

recyclers of the Future promotes recycling and selling of (plastic) waste for women at home.

Kenya, Nairobi - *Dandora HipHop City*

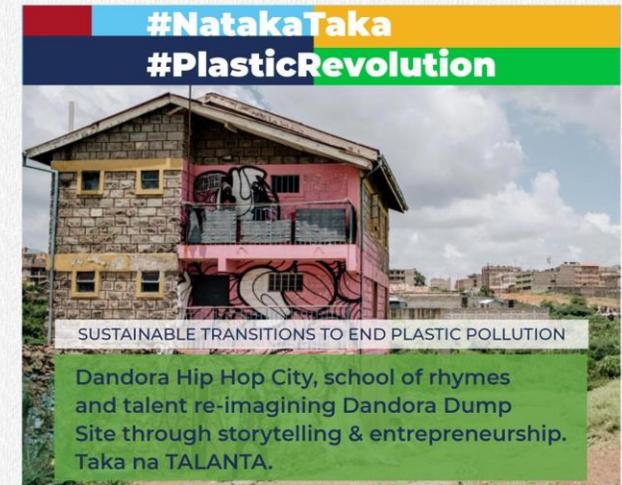
provides resources, tools and learning environment for young people in the informal settlements. The youth empowerment Customer Bora Program has an online web platform that aims to reward responsible consumers and facilitates collection of trash for proper waste management.

Kenya, Nairobi - *Team Pankaj Clean Up*

offers employment during the pandemic to youths and mothers who would collect improperly disposed of garbage and properly dispose of them.



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OTHERS



Stakeholder Engagement
in Battambang,
Cambodia



The Role of
Partnerships in Solid
Waste Management in
Cebu City, Philippines



Public-Private
Partnership in the West
Bank and Gaza



Waste Characterization
in Naucalpan, Mexico



Food Waste Prevention
in Hong Kong



Santos, Brazil's Door-
to-Door Separate
Collection Scheme



Separating and Recycling
Organic Waste in La
Pintana, Chile



Using Waste Banks to
Process Recyclables in
Indonesia



Independent Recyclers
in Ho Chi Minh City,
Vietnam



Incorporating Informal
Sector Workers in Solid
Waste Management
Activities in Bangalore,
India

TAKEAWAYS

- **No one solution fits all!**
- **Quantitative combined with qualitative data to identify synergies and co-benefits**
- **Build capacity on cross-sectoral synergies**
- **Awareness building programmes on user consumption and disposal**
- **Support (in-kind and financial) to community initiatives**
- **Recognise the role in plastic collection and disposal of informal market in policies**
- **Look at other best practices and check if it fits to your needs**

THANK YOU

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Fransen, Jan, Daniela Ochoa Peralta, Francesca Vanelli, Jurian Edelenbos, and Beatriz Calzada Olvera. “The Emergence of Urban Community Resilience Initiatives During the COVID-19 Pandemic: An International Exploratory Study.” The European Journal of Development Research, January 12, 2021. <https://doi.org/10.1057/s41287-020-00348-y>.