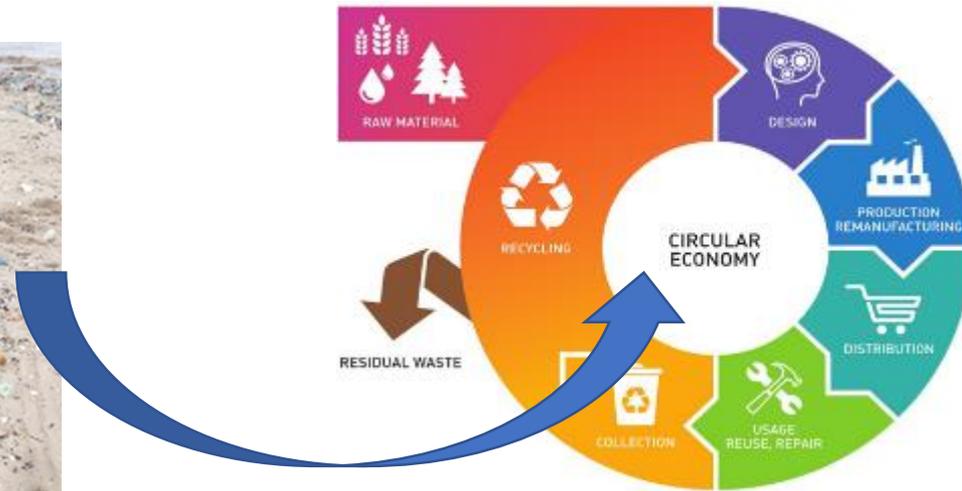


Multi-Stakeholder Waste Resource Platform

GHANA



Paolo Dalla Stella
Cluster Manager, Sustainable Development UNDP
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Building a circular economy has to begin somewhere... we started by addressing a complex development challenge that all agree on...



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- 30,000 tonnes solid waste generated daily in Ghana
 - an average of 0.47kg per person daily
- $\frac{3}{4}$ of waste discarded in public dumps or burnt
 - Huge differences in services rural-to-urban
- 3,000 tonnes of plastic waste generated daily
 - less than 2% is collected for recycling
- 86% of waste generated are readily recoverable
 - Valued at 83 billion GHC per annum

But how? There are many gaps...

- Local government institutions have the responsibility but not adequate **data/information** nor the **financial resources** to effectively plan for and implement sustainable and innovative waste management solutions;
- **Partnerships** between key stakeholders along the waste management and recovery chains are either non-existent or weak;
- Research institutions and private sector operators have come up with innovative solutions, but there is no system in place to help **take these to market** or facilitate implementation at scale;
- Informal sector actors perform valuable functions but face **uncertainties** regarding market demand and prices.



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What if...



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- Local governments, academia, private sector and all relevant stakeholders could be connected through a shared platform to **coordinate** better?
- There could be a focus on advocacy and **behavioural change** towards new ways of doing **production and consumption** to transition to a **circular economy**?
- Opportunities to enhance **local development sustainably and create jobs** were identified?

What if...



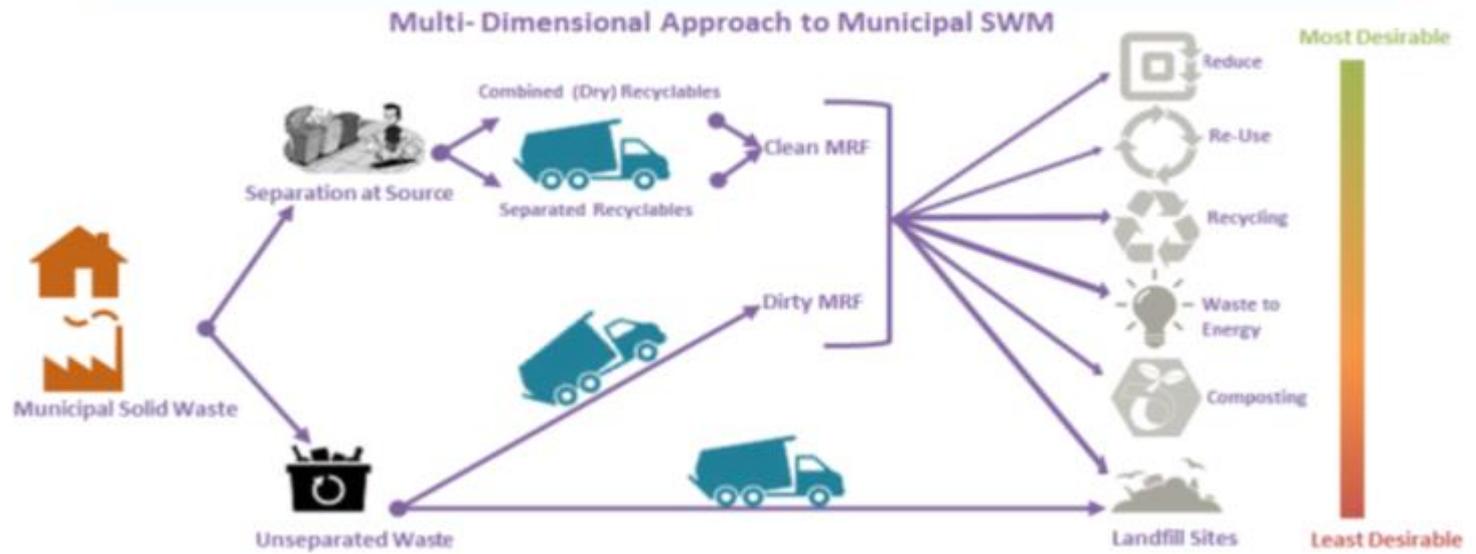
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- Financial institutions could get a more nuanced understanding of **business opportunities** across the waste value chain?
- Waste users and waste producers could interact, including through more structured **online market places**?
- **New technologies, research findings** and resources could reach those who are looking for ways to productively re-use materials and test technologies for different waste streams?

This would make it easier to get from here to there...



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Aim of the platform: CONNECT!



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Enabling a Circular Economy for Sustainable (socio-economic) Development



Increased material recovery - job creation – behaviour change – increased investment

The platform is ...

- A one-stop shop solutions platform (real time and digital) that connects all the stakeholders along the waste management and recovery chains...
 - Different government departments with all actors
 - Researchers with startups and producers
 - Waste producers with those interested in recycling
 - Investors with bankable projects
 - Informal sector with formal sector actors
 - Brings together data from a variety of different sources

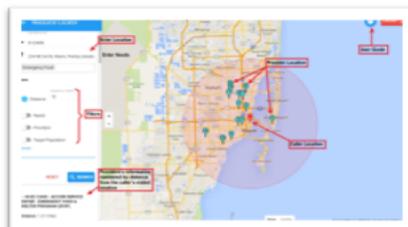


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The Platform (website)

- Library of Recovery Technologies
- Resource Optimization Calculator
- Exchange of Ideas, Events & More



The Mobile App (Uber for recycling)

- "Waste" Materials Trading
- "Waste" Resource Map
- Logistics for easier pick-up

It aims to facilitate learning and demonstrations and to increase the visibility of promising business models and technical options...



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Waste' Recovery Innovation Challenge

- Support **businesses** that promote and/or test innovative solutions for the recovery of waste materials and their transformation into other essential products/services.
- Support **research projects** that will lead to the promotion and/or test of innovative solutions for the recovery of waste into other essential products/services, and/or waste reduction or avoidance.
- Support **advocacy/awareness creation projects** that will lead to the promotion of best practices in waste management and promotion of circular economy approaches, leading to increased understanding on opportunities for waste recovery or waste reduction/avoidance in Ghana and positive behavioural change.

With an increase in funding/partners, there could be many more....



So, basically it aims to promote a shift towards circular economy by ...

1. **Connecting** stakeholders and improving **information flows** for strengthened coordination and collaboration;
2. Providing a space for **engaging citizens** to Reduce, Reuse, Recycle and thus be part of the circular economy;
3. Helping with strategic planning and increasing investor confidence by making available **data** and tools to make scientific-based economic decisions and bring in needed resources necessary for scaling-up;
4. Facilitating stronger connections between the formal and informal sectors and even opportunities for the **informal sector** to formalize and scale-up;
5. Facilitating new types of **collaborations between research institutions and private sector** for the development and testing of innovative solutions;
6. Demonstrating the economic, social and environmental benefits of **business models** for sustainable waste recovery, triggering further testing of technologies and innovative solutions and their adoption at scale.



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Where are things at now?

The platform has been designed using a participatory **co-designing process** (5 working groups) to ensure *broad ownership, relevance of tools and sustainability*.

- Over 200 stakeholders have been engaged, with some already taking advantage of the platform to reach partners.
- Some development partners have joined, seeing the benefits of moving from stand-alone projects.
- Private sector and other entities have formed some partnerships
- The Platform has been included in some new policies/strategies.

Update:

- Website prototype ready!
- Draft communication and advocacy strategy ready!
- Competition evaluation underway



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Key messages

Multi-stakeholder platforms for waste recovery and the circular economy are critical for:

- Promoting a systems-wide approach, i.e. ensuring a whole of government and society response and problem solving and actions to minimize materials use, promote reuse and recovery;
- Mitigating risks for the private sector and leveraging different types of financing;
- Addressing a broad range of national policy priorities, the NDCs and SDGs, including enhancing local development and job creation.



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Thanks

For more information, contact:

Paolo Dalla Stella paolo.d.stella@undp.org

www.gh.undp.org