

Entrepreneurship Prospects in Wastes Management

organized by

Harmony Recycler Hub

holding at

Government High School, Adeta, Ilorin, Kwara State.

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21st February, 2024



Definition

- ➡ Entrepreneurship
- ➡ Prospect
- ➡ Wastes
- ➡ Management

Enlarged Definition

- ➡ Entrepreneurship Prospect
- ➡ Wastes Management

Entrepreneurship

- ➡ The activity of setting up a business or businesses, taking on financial risks in the hope of profit.
- ➡ **Entrepreneurship is** when an individual who has an idea acts on that idea, usually to disrupt the current market with a new product or service.



Prospect

- ➡ **The possibility that something good might happen in the future.**
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Wastes

- ➡ Discarded as worthless, defective, or of no use : refuse. waste material. b. : excreted from or stored in inert form in a living body as a by-product of vital activity.

Management

- **Management is the coordination and administration of tasks to achieve a goal.**
- **Such administration activities include setting the organization's strategy and coordinating the efforts of staff to accomplish these objectives through the application of available resources.**



Enlarged Definition

- ➡ Entrepreneurship Prospect
 - ➡ Wastes Management
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Entrepreneurs Rule the World

Reminiscence on a Yoruba Adage:

➡ Ise de omo alase je,

❖ **As an Employee, you earn a salary to sustain you only.**

➡ Owo re omo alasela.

❖ **As an Entrepreneur, you create wealth and loom large.**

World Cup Crowd of Unemployed Nigerian Youths 15th March 2014

IMMIGRATION TEST OR WORLD CUP CROWD ?



LAGOS



KADUNA



ABUJA



ASABA



BENIN

World Cup Crowd of Unemployed Nigerian Youths 15th March 2014



World Cup Crowd of Unemployed Nigerian Youths 15th March 2014



World Cup of Unemployed Nigerian Youths 15th March 2014



Is there any good in starting a business in Nigeria?

➡ **Africa is the best-kept secret in terms of the attractive returns on investment that it offers investors.**

Aliko Dangote (2017) on YOU WIN!! Connect



Investment Opportunities in Nigeria (NEXIM, NIPC Reports 2010)

- **Telecommunications**
- **Manufacturing**
- **Agriculture**
- **Oil & Gas**
- **Tourism**
- **Solid Minerals**
- **Services**
- **Education**

What are then the Entrepreneurship Prospect in Wastes Management in Nigeria?

- Over 200 million NOW and by 2050 population of over 400 million expected.
- As Investment Opportunities grow, living standards grow;
- As living standards grow (prosperity), wastes generation grow.
- If we don't want the wastes to destroy the environment, we must look critically into the prospect of managing the wastes.

Our Environment consists of:

- ➡ Atmosphere – Air (Oxygen/CO₂/Nitrogen)
- ➡ Hydrosphere – Water (Lake/Rivers/Ocean)
- ➡ Biosphere – Living Things (Animals and Plants)
- ➡ Lithosphere – Soils and Rocks

**We are ALL custodians of the environment
hence we MUST manage each component
uncompromisingly!!!!**

Entrepreneurship Prospect in wastes = Wastes to Wealth



Waste segregation order for Calcutta complexes



In 2020: Bye-laws notified by the State government for Kolkata state that all housing complexes in the city have to segregate waste at source or pay a fine. The residents' welfare associations of housing complexes, with help from the Municipal Corporation, have to create a mechanism for waste segregation.

Uniforms and ID cards for Ghaziabad ragpickers



To integrate ragpickers into the organized sector with recycled product manufacturers, Ghaziabad Municipal Corporation has decided to register them with the department and give them a uniform and identity cards. From the estimated 12,000 ragpickers in the district a little over market rates, and use them for manufacturing roads, flowerpots, file holders, benches, among other items

Hulladek recycling starts green ambassador program for Kolkata students

Kolkata based e-waste management company Hulladeck has launched a 1 month volunteer program for students aged 15 and above. The 'Green Ambassador Program' aims to create awareness about recycling, e-waste management and sustainability among the city students.



The students will work online from their homes at their convenience and at the end of the program submit a report on their project.

IIT Madras develops new method to dispose of toxic pharmaceutical waste

Indian Institute of Technology Madras (IIT-M) and researchers from Stuttgart University, Germany have developed a new method that can be used to safely dispose of toxic pharmaceutical wastewater sludge. The technique developed called 'co-composting' helps degrade pharmaceuticals and personal care products, that are less susceptible to biodegradation.



Uttarakhand govt starts the process of setting up six plants for generating electricity from solid waste

To take an advanced step towards solid waste management, the Uttarakhand government has started working on projects to generate electricity from solid waste in the state.



Disposed PPE could be turned into biofuel, say, Indian scientists

According to a study, published in the journal *Biofuels*, billions of items of disposable PPE can be converted from its plastic state into biofuels using a high-temperature chemical process called pyrolysis. According to the researchers, when plastic materials like PPE are discharged into the environment they end up in landfills or oceans, as their natural degradation is difficult at ambient temperature



Punjab to use bar codes for managing infectious biomedical waste

To ensure the scientific management of biomedical waste, the Bar code system is being used in all government and private hospitals across the State. GPS systems have also been installed in vehicles which carry the waste to the Common Bio-medical Waste Treatment and Disposal Facility (CBWTF).



South Mumbai residents collect over two million used milk bags for recycling



Photo Credit: Wikimedia commons

Kunti Oza of 'Clean Mumbai Foundation', Hansu Pardiwala and Chitra Hiremath of 'Garbage Free India' initiated the Milk Bag Project in South Mumbai and have collected over 2,450,000 used milk bags in last ten months. The project was initiated in Cuffe Parade and the immediate surrounding areas and was also joined with by several institutions such as the World Trade Center,

Pathankot Corporation to construct compost pits in 35 government schools to make city garbage free



Photo Credit: Shikshantar

Pathankot Municipal Corporation has initiated a composting project with schools to make the city garbage-free. For this, the pit will be built by the Municipal Corporation in about 35 government schools of the city, for which survey has already started. Students will be engaged in the process of composting to prepare manure.

Multilayer plastic reuse project to be started soon in Patiala

To reduce plastic pollution in Punjab, the Punjab Plastic Waste Management Society (PPWMS) and the Punjab Pollution Control Board (PPCB) run project to reuse multilayer plastic.



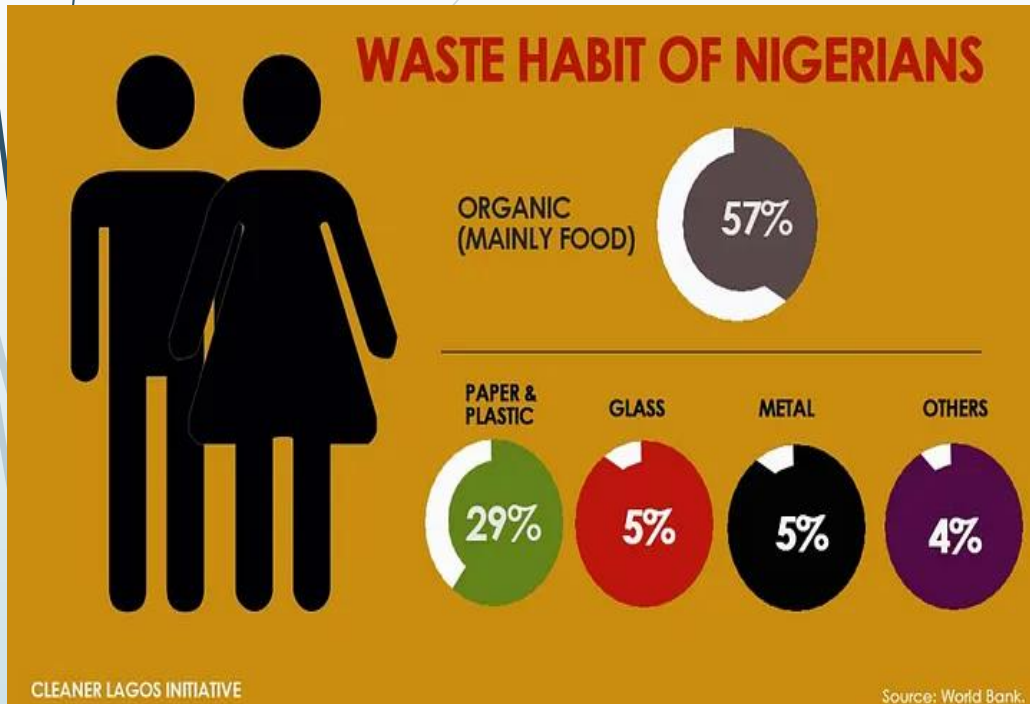
Photo Credit: PTI

IGNOU offers a certificate course in Solid Waste Management

To overcome the problems of waste management, Indira Gandhi National Open University (IGNOU) has begun a certificate programme in Solid Waste Management from the July 2020 session. The objective of the programme is to sensitize the learners about the problem of waste generation and its impact on the environment and human health.



Waste management culture in Nigeria



- ➡ Nigeria generates more than 32 million tons of solid waste annually, out of which only 20–30% is collected.
- ➡ We cannot keep up with the task of managing waste and the environment.
- ➡ The 'government-does-everything' philosophy of many Nigerians contributes to domestic waste management problems.

A commercial bus stuck in plastic-ridden flood in Lagos



Plastic bales ready for recycling



Compressed waste items (polythylene terephthalate bottles (otherwise known as PET or plastic bottles) into bails and sold to macro recyclers for *production of synthetic fibres, cotton, ropes, toys, bags, rubbers, plastic, among others.*

E-waste Management in Nigeria



A COMMUNITY-DRIVEN, CARGO BIKE SOLUTION TO LAGOS' GARBAGE CRISIS.



A dark grey arrow points right from the left edge. Several thin, curved lines in shades of blue and grey sweep across the left side of the slide.

➡ Thank You.

➡ No waste is worthless.