



E-WASTE AFRICA

Your Total Environmentally Friendly
Light Bulb Recycling Solution



INDUSTRY-MEETS-SCIENCE WORKSHOP
“Technology solutions for addressing Waste Electrical and
Electronic Equipment”

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Why South Africa



60 Million Bulbs containing Mercury rolled out by Eskom since 2004

100's of Millions of bulbs in circulation yearly

All Light Bulbs banned from landfill – this Year 2016

1 bulb has the ability to pollute 30000 litres of water



How do We put out the Fire?

E-Waste Africa, a Black youth owned enterprise, offers corporates, Government institutions and Parastatals a number of options for lamp waste disposal: onsite storage, collection, crushing and the heart of our business “lamp recycling”. This offering will meet four critical needs for corporates

- Lower Hazardous Waste environmental footprint
- Zero waste to landfill can become a reality
- Ensure our clients are fully compliant with the law and Legislation
 - Ban of all light bulbs to landfill in 2016
 - Compliance with the National Environmental Management: Waste act 2008
 - It will help meet the National CPA with the supplier/Manufacturer Responsibilities
- Job creation while protecting our environment and Future
- Dedicated R&D team working on the extraction of metals from our Phosphor powder

We will provide Industry with a feasible, environmentally ethical, Legally compliant, cost effective, as well as, sustainable alternative to dumping and landfill



Our Journey

Best Practice Visit



Secures Technology Distribution Rights



Deputy Minister recycling bulbs



Offtake Agreements for by-products



- 2012
 - 2013
 - March
 - May
 - Jan 2014
 - July
 - August
 - October 24th
 - Dec 2015
- Feasibility study begins
- Hazardous Waste licensing process begins
- E-Waste Founders visit our technology partners (UK)
- E-Waste signs purchase agreement for the Award Winning Balcan Machinery, sole rights secured for Southern Africa
- Machine ready for Shipment
- HH Waste license for Recycling of Light Bulbs Granted
- E-Waste Plant commissioning completed
- Deputy Minister Barbara Thomson officially opens Africa's first commercially active Light Bulb Recycling Facility
- EWaste Africa already saved 100's of tons of Hazardous waste from going to landfill



Why E-Waste Africa

Deputy Minister Barbara Thomson Delivers Key note Address at Opening

GM PicknPay Sustainability excited as he has been waiting since 2009 for a recycling solution



ZERO HARM: Safe Disposal of Bulbs, stops mercury from contaminating our land & water supply

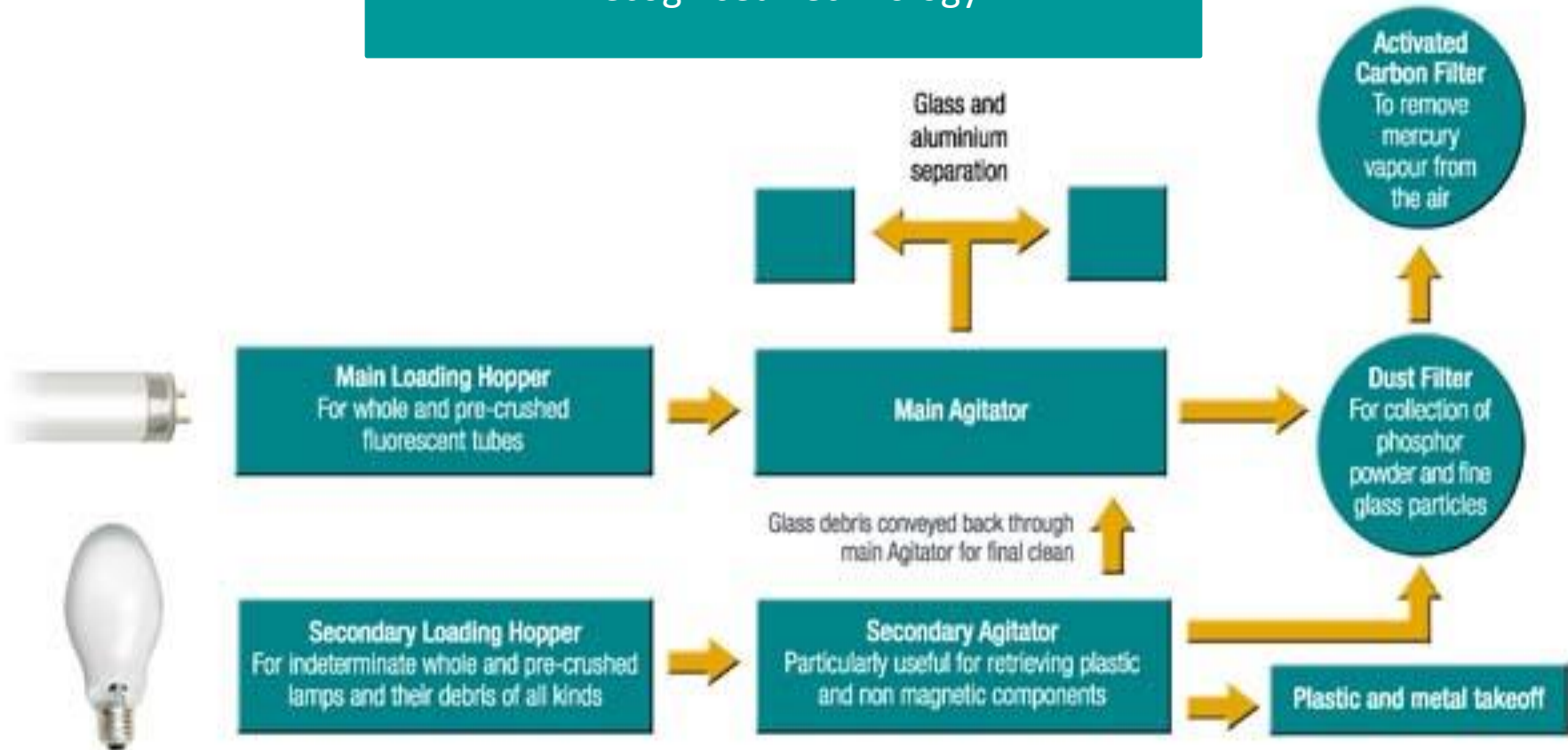
Innovation: Plant can crush all types of lamps. By-products are re-usable.

Reducing our Environmental Footprint:

Private sector Participation initiative. **Benchmark facility** for SADC and the AU

Video

SAFE RECYCLING OF CFL light bulbs by removing Mercury from the air (through Activated Carbon Filters) using Internationally recognised Technology



Thank You



eWaste Africa

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