

## THE RECYCLING PROCESS

- Waste Prevention
- Cleaner Production
- Waste Minimisation
- Re-Use
- Recycling
- Waste Treatment
- Disposal (Last resort)

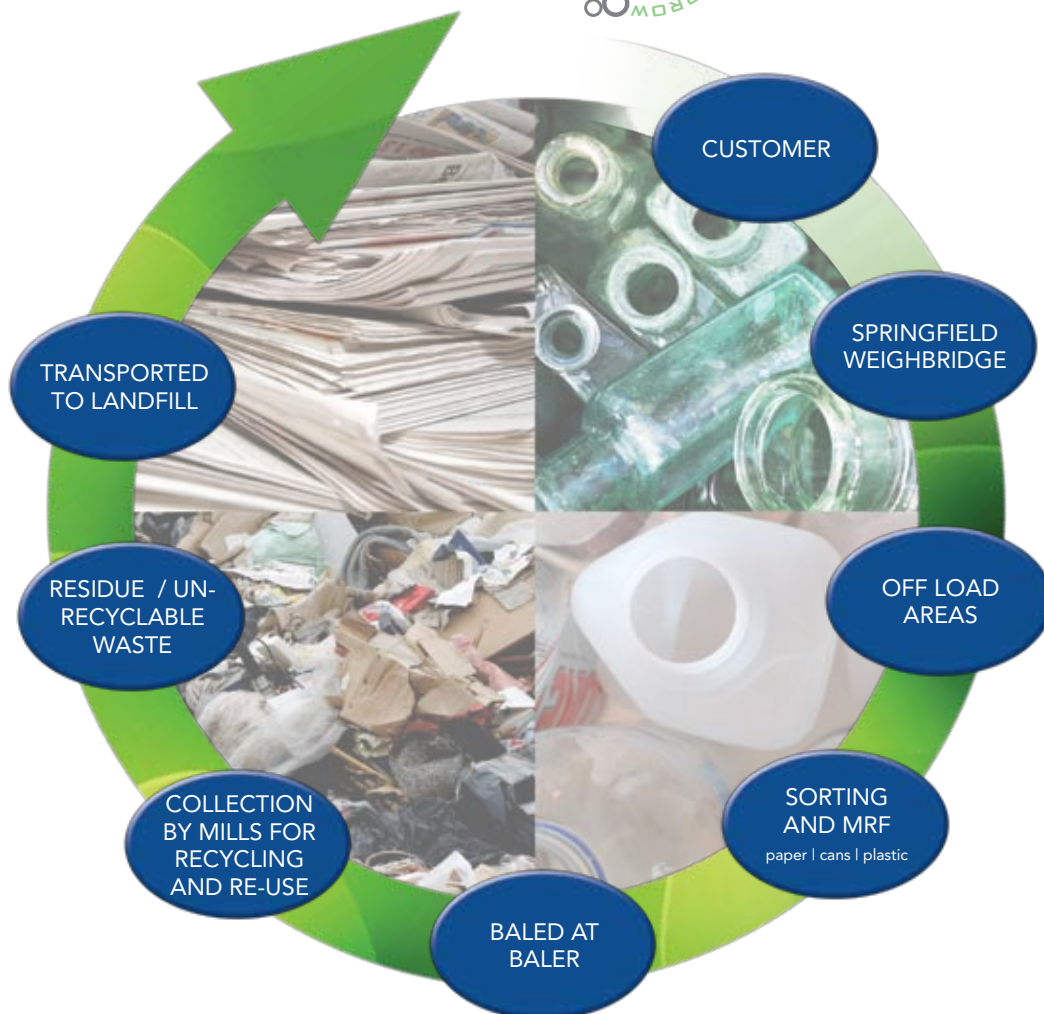


South Africa has recently formulated its National Waste Bill. We are expecting this to enforce the hierarchy of Waste Management; which is that Industry will have to avoid, minimize, re-use, recycle, treat and only use waste disposal as a last resort. The Waste Bill will ensure that all generators of waste implement minimization programmes.

The “Duty of Care” principle is entrenched in our legislation already and requires generators to ensure that their waste does not pollute the environment and is properly managed from cradle to grave. This includes all recyclers, re-users, transporters and landfill operations.

Hence Skipwaste’s introduction of its Recycling Initiative: EARTHICAN

Skipwaste operates a mechanized Recycling Centre, logistically placed in the centre of Johannesburg. With the minimization policy to Landfill, all vehicles are directed to the facility where trained staff separate and grade waste which is baled and sold to various vendors. This facility has a been a huge success as the Company policy is Pro-Recycling.



# Skipwaste Recycling Center

Our facility has a weighbridge, statistics are detailed daily in order to calculate tonnages recycled and end product sent to landfill. Company policy requires that as much waste as possible is recycled. We have several off-load areas dependant on waste classification i.e. dry waste, wet waste etc. Suitable waste is then put onto a conveyor for separation by trained staff – after which each recyclable product i.e. paper, cardboard, plastic etc is baled.

## MATERIAL RECOVERY FACILITY



1 Loading recyclables on the conveyer belt system



2 The conveyer belt will transport the waste up to the sorting area. Staff then sort the waste into big cages. Plastic, cardboard, white paper etc.



3 When the cage is full, the system push the specific recyclable back onto a conveyer belt below towards the bailer.



4 The bailer compress and straps the recycled material for easy transport.



5 After separation, waste is containerised to be transported for disposal at a licensed waste disposal facility.



6 Baled cardboard recovered.



7 Baled plastic recovered.



8 Baled paper recovered.



## COMPLETE WASTE RECOVERY

Together with our MRF system we provide a complete waste removal, recycling and recovery service to all our clients.

