

TGRC PRESENTATION 2013

**THE GLASS
RECYCLING
COMPANY ●●●**

put glass to good use



The Glass Recycling Company

- Established as a result of a Memorandum of Understanding signed in May 2005 between national government, glass manufacturers, fillers and glass recyclers
- Commenced operation in July 2006



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Memorandum of Understanding (MOU) with DEAT

Core deliverables are:

- Promote public awareness about the re-use and recycling of glass containers in South Africa through education, marketing and awareness campaigns
- Improve used glass container and cullet recoveries through capacity building
- Commit to income generating opportunities in formal and informal sectors
- Establishment of entrepreneurs and transfer of skills to HDSAs (historically disadvantaged South Africans)
- Social upliftment through poverty alleviation



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the Glass Industry

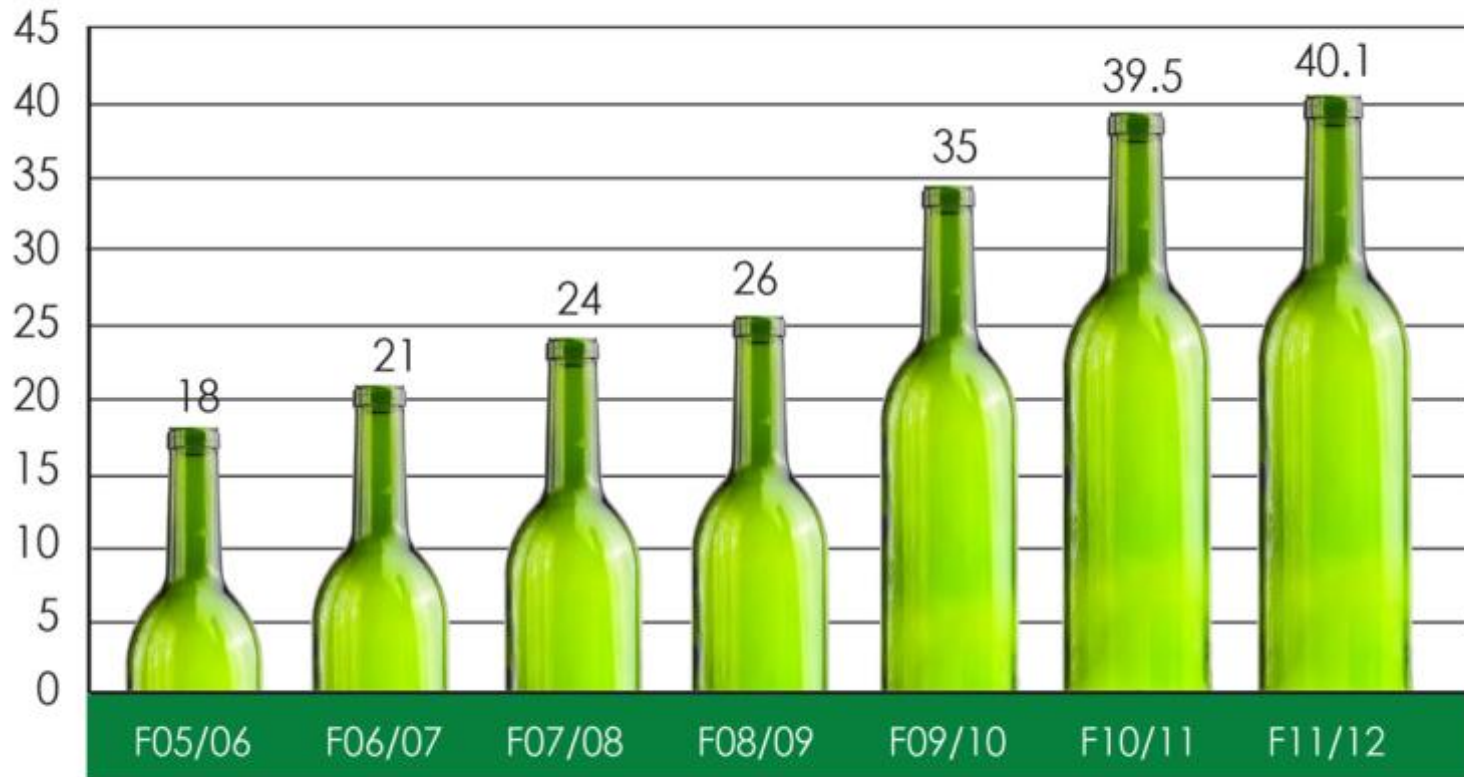
The new glass production is 1M tons p.a.

- Recycling rate increased from 18% to +/-40%
 - all glass packaging not beverage only
 - More than 338000 tons recycled p.a.
- Returnable Bottle System : **(Re-Use)**
 - Very sophisticated returnable bottle systems
 - If there was no returnable bottle system an additional 2.1M tons of glass would be required p.a.
- Thus a total diversion from landfill (recycled volume & returnable saving) is more than 2.4M ton p.a.
- Light-weight bottle designs **(Reduce)**
- 40% of every bottle is recycled glass **(Recycle)**



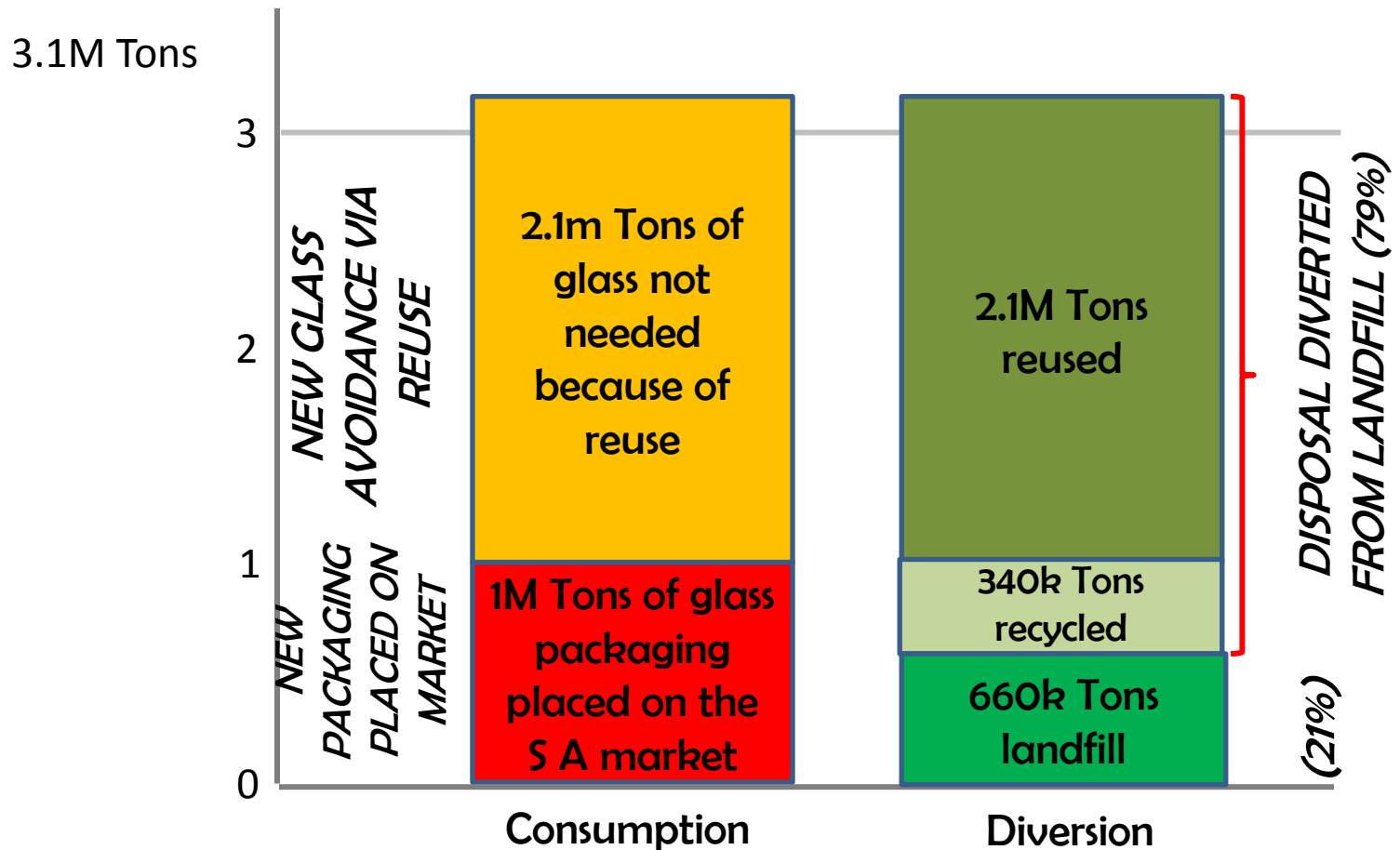
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Recycling Rate %



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CONSUMPTION AND DIVERSION OF GLASS PACKAGING SA, 2012



this is why we do it

The recycling of glass:

- Benefits the environment by minimizing the consumption of raw materials and thereby alleviate pressure on natural resources
- Energy saving
- Helps create a better, safer and cleaner South Africa for everyone
- Provides a source of income to thousands of unemployed people
- Prevents waste glass from entering landfills



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capacity building

- Assist entrepreneurs and buy-back centres with primary glass collection infrastructure and transfer of skills and knowledge
- Job creation in formal and informal sectors. TGRC pursues opportunities to help individuals to create a source of income
- Social upliftment through poverty alleviation
- To facilitate post consumer glass recycling through the placement of glass banks for communities



principles & collection methodology

Key Principles

- Separate recyclables at source or as early as possible in waste stream
- Glass is our focus but all recyclables must be collected

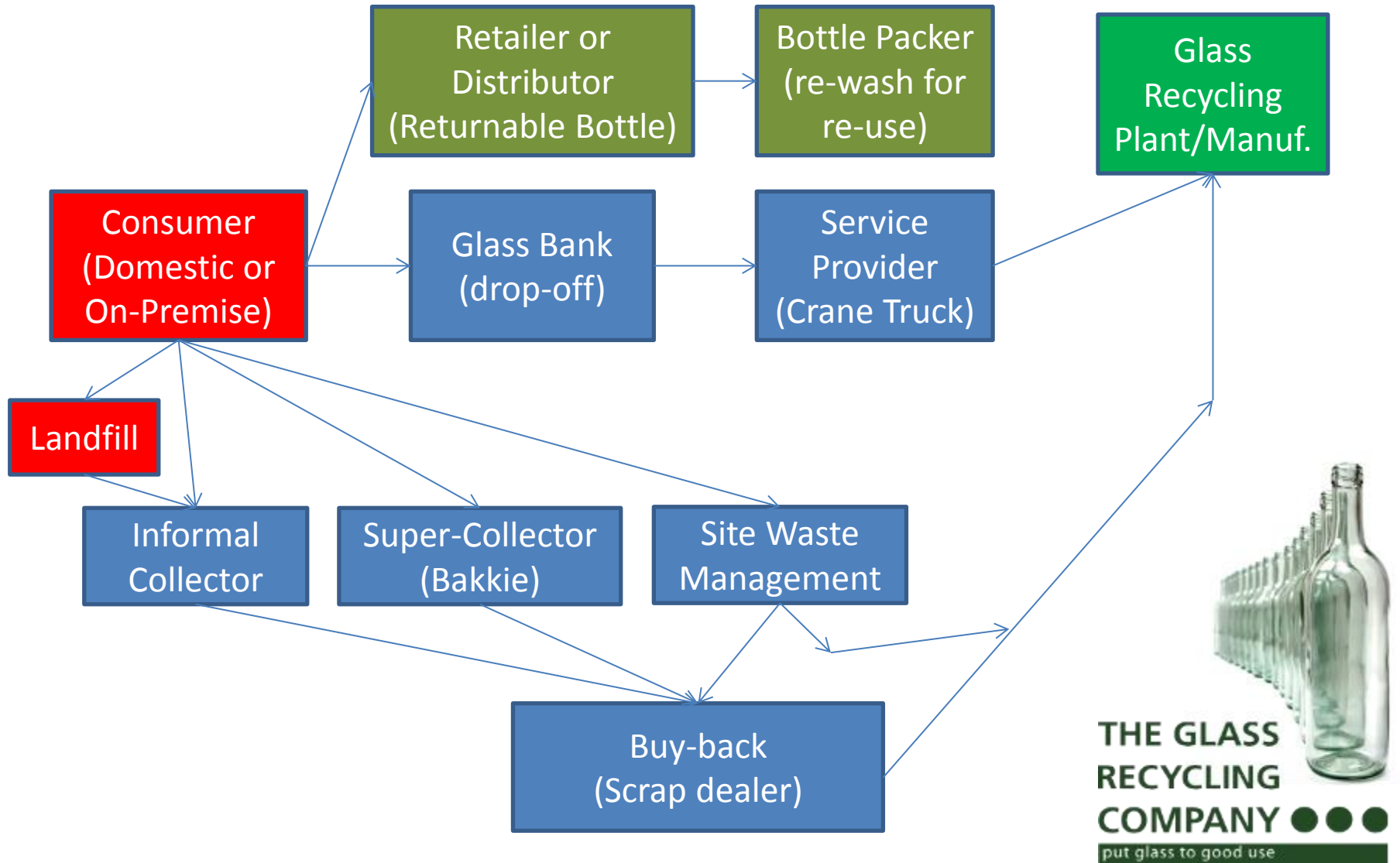
Methods of Collections

- Buy-back centres
- Glass Bank – drop-off point for people who care
- Collector entrepreneur businesses
 - Estates or complexes
 - Hospitality industry
 - Curb side collection



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Metro Model



achievements to date

- Increased national glass recycling awareness to all South Africans
- Placed more than 2000 glass banks
- More than 1 600 entrepreneur projects supported
- Income generation opportunities created – more than 30 000
- Support projects in urban plus rural areas
- National footprint



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way forward

- Continue to increase awareness amongst South Africans through continued communication of the benefits of recycling glass
- Opportunities to increase the number of businesses in the glass recycling industry – by assisting more entrepreneurs
- Create more income opportunities for the unemployed through collection of glass
- Separation at Source is critical to increase all recycling and is best done through

PPP's



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*The South African
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Ceres[™]

Coca-Cola



Tiger Brands



the company of
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Coca-Cola
fortune

aspen



Nestlé

Good Food, Good Life



DISTELL



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celebrate the moment



Breëriviervallei Botteleringskoöperasie Beperk



Coca-Cola
Shanduka Beverages

Appletiser[®]
Deliciously Good Every Day

Consol[®]

SO....

Get off your glass and recycle!

Thank you



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