

STATUS OF RECLAMATION OF RECYCLABLE WASTE IN THE FREE STATE PROVINCE



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Deputy Director
Environmental Empowerment Services
15 October 2013

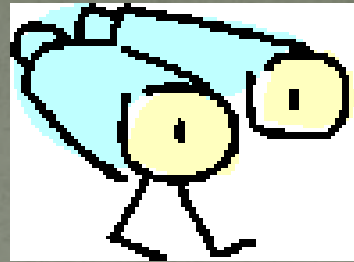
Introduction

THE POLOKWANE DECLARATION ON
WASTE MANAGEMENT
POLOKWANE, LIMPOPO PROVINCE, SOUTH
AFRICA
26-28 SEPTEMBER 2001

PREAMBLE

- WE THE REPRESENTATIVES of government at national, provincial and local level, civil society and business community,
- PARTICIPATING in the first National Waste Summit, hosted by the Department of Environmental Affairs and Tourism and held in Polokwane, September 26-28, 2001,
- RECOGNISING that Waste Management is a priority for all South Africans, and the need for urgent action to **reduce, reuse, and recycle waste in order to protect the environment;**
- FURTHER RECOGNISING that we can achieve the vision and the goal contained in this declaration, namely,

VISION



To implement a waste management system which contributes to sustainable development and a measurable improvement in the quality of life, by harnessing the energy and commitment of all South Africans for the effective reduction of waste.

GOAL

Stabilize waste generation and reduce the waste disposal by 50% by 2012 and develop a plan for ZERO WASTE by 2022.



Types of reclaimers

- Informal Reclaimers (Waste Pickers)
- Part Time Reclaimers (Municipal Workers)
- Formal reclaimers (MRF's)
- Buy-back Centres



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Reclaiming in the Free State

On all the landfill sites in the Free State there are people (Waste Pickers) doing reclaiming of recyclable materials.

Larger towns and cities – Street Pickers.

Buy-back Centres in all larger towns & cities.

Buy-back & Reclaim Centre initiated by DETEA - formalising

Sorting at Source initiated by DETEA and Urban Conservancies

Waste Pickers



Waste Pickers

- Waste pickers are usually from the poorest who cannot find a job.
- They collect recyclable materials and sell it to a Buy-back centre and create an income for themselves. (job creation)
- There are health risks as well as security risks involved.
- Dependant on the amount of recyclables and the buyers of their recyclables.
- In smaller towns there are not many Buy-back centres and therefore the Waste Pickers are given very low prices. Prejudicial

Vaalpark (Sasolburg)

Reclaim & Buy-back Centre

Focus on 3000 households and a business centre in Vaalpark, each household provided with 2 "wheely" bins.

14 street pickers will collect recyclables from a

Utilize part of the Vaalpark Garden Drop-off facility

1 X 12 meter container placed to store equipment

1 X 6 meter containers placed as office

5 X "cells" for temporary storage

Major Stakeholders

- Free State DETEA.
- National DEA
- Metsimaholo Local Municipality.
- Rejuvenation of Sasolburg
- RAG (Recycling Action Group)
- Waste Plan
- 4 Street Pickers
- LO



Trolleys & Bins

Trolleys



"Wheely" bins



Management of the Vaalpark Site

- Monthly meetings with Stakeholders
- Monthly training sessions
- Street Pickers will be managing the site according a contract through the Metsimaholo Local Municipality.
- Work according a mutual understanding of the management.
- Keep records of all recyclables entering and leaving the site. (Effective Access Control)
- Reporting
- Recyclable material need to be removed on a weekly basis.
- Adhere to the Waste Management Act!

Advisory meetings!

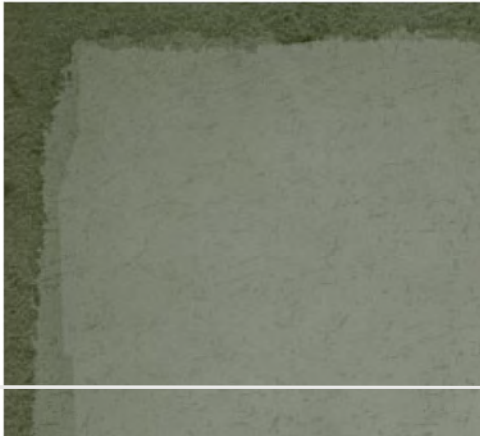


Training

- Business training
- Recycling training
- Trolley and equipment maintenance
- Conflict management



- This project took part in a competition by the International Labour Organisation(ILO) and won R250 000.00
- A total of 30 reclaiming satellites(cages) will be placed at strategic places with his “owner” of which PETCO sponsored 10 cages and a mobile baling machine.



Mobile Baler

Cages



Sorting at source Fichardtpark Bloemfontein

Awareness Brochure



Fwa | Fna
safe, beautiful, caring

Why recycle?

- For a cleaner environment
- Reduction of refuse
- Conservation of scarce resources

Non-recyclable!!!

- Packaging of chips
- Bags for dog food
- Ceramic ware
- Carbon paper
- Long life milk and juice containers
- Wet, dirty, smelly materials
- Neon tubes
- Polystyrene
- Pottery
- Mirror glass
- Window glass
- Waxed containers
- Wax paper
- Disposable nappies
- Windscreens of cars

FNA: Recycling

| 1

Cardboard and paper

- Brown cardboard boxes
- Copy paper
- All writing paper
- Accounts
- Newspapers
- Magazines



Tins

- Cooldrink and beer
- Canned fruit
- Tinfoil



Glass bottles

- Cooldrink
- Liquor
- Kitchen bottles



FNA: Recycling

| 2

Recyclable plastic for FP

- Cooldrink, milk and juice bottles
- Plastic crates
- Plastic wrap
- Ice-cream bowls



FNA contact details:

Neighbourhood manager

Jenny Vorster 079 225 5090

6 Altona Crescent, Fichardt Park

31874, Fichardt Park, 9317

www.fichardtpark.co.za

Fax: 086 273 0291

arnoldlubbe@mweb.co.za

jove@telkomsa.net

FNA: Recycling

| 3

BAGS SPONSORED

The sponsored bags will be delivered for free to homes in Fichardt Park.

1000: DEPT ENVIR AFFAIRS
7485: TUFFY

The next free bag will be delivered on 17 October.

Thank you to our sponsors!!

FREE



Fichardtpark

safe, beautiful, caring



the detea

the department of economic
development, tourism and
environmental affairs
FREE STATE PROVINCE

tuffy

We encourage residents to buy their own clear bags at Saverite and Pick n Pay.

Cost: ±R35-00 for 20 bags
(Cost per bag for the next 20 weeks = R1.75)

Residents who cannot afford to buy bags, are welcome to fetch **ONE bag per week** at the **FNA office**, 6 Altona Crescent (at the church hall)

Recycling in FP

Enquiries: Jenny Vorster — 079 2255 090



BE PART OF
SAVING
OUR WORLD
FOR FUTURE
GENERATIONS

How does the recycling project work?

1. **Fill up your clear bag** with recyclable (clean and dry) products until it is full before it is placed out on a Thursday.
2. Rat Race Waste will **place out and remove** recycling stations every Thursday.
3. Rat Race Waste and the street pickers will take the clear bags to the recycling stations.
4. From the recycling stations the street pickers will be transported with the clear bags to Rat Race Waste company.
5. Clear bags can only be replaced when sponsored; therefore residents are encouraged to also buy their own bags.

RECYCLING STATIONS

1. Du Plooy Crescent
2. Bolt park
3. Conforth park
4. Post Office park
5. Raath park
6. Strydom park
7. Van Iddeking Drive
8. Van Soelen park

The recycling plan of the FNA was approved by Mangaung Metro Municipality.



Launch of the Sorting at source project in Fichardtpark





??HOEKOM HERWIN??

Ver'n skaars omgewing

Reduce the need for more landfill areas

Bewaring van skaars hulpbronne

Savings for consumers

Om vuilnis te beperk

Job creation

RECYCLING PROJECT

REuse

HERgebruik

REDuce

VERminder

REcycle

HERwin



Waste bin filled with various types of waste.



WRY SAKKE BY

Pick n Pay HYPER

HOE WORD HERWIN

Gebruik 'n ouersnylge sak

Plaatj die herwinbare produkte in die sak

St die sak saam met die vuilnis, uit op owerdoodse

Karton en papier

- Blaas kartonboks
- Polystyreenboks
- Alle oorsnylge
- Kruisdring
- Kruisdring
- Tjakkies

WAT WORD HERWIN

Waste

- Kruisdring en oorsnylge
- Kruisdring en oorsnylge
- Kruisdring

Waste

- Kruisdring
- Oorsnylge
- Kruisdring

Waste

- Kruisdring
- Oorsnylge
- Kruisdring

HERWIN SAAM IN FICHARDTPARK

- Verminder huishoudelike afval
- Verminder die las op stortingsterreine
- Beskerm ons omgewing en hulpbronne



Fichardtpark Bewarea bewaar ons:

- Natuur
- Omgewing en
- Diererelewe

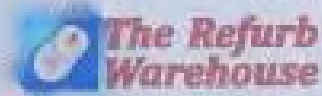
Tel: 079 2255 090
www.fichardtpark.co.za



FWA

Fichardtpark
Woonbuurt
Assosiasie

E-waste



PC Repairs
Notebook Repairs

Sales of New and
Refurbished PC's

Data Recovery
Virus Removal
Data Destruction
Software Sales
Hardware Sales
e-Waste Recycling
Refurbished Parts



Street Pickers in action



The buyer!



03.10.2013 09:11

Hennenman Reclaiming on Landfill Site

Waste minimisation projects

- Hennenman Reclaim Centre on the Landfill site.
- Protective clothing purchased



IMPLEMENTING AGENCY OF

BOHLOKONG BUY BACK CENTRE



Institute of Waste Management
of Southern Africa

HeARTLAND BRANCH

✉ 10276, DRUSANA, 9311

E-mail: heartland@xsinet.co.za

Tswaranang



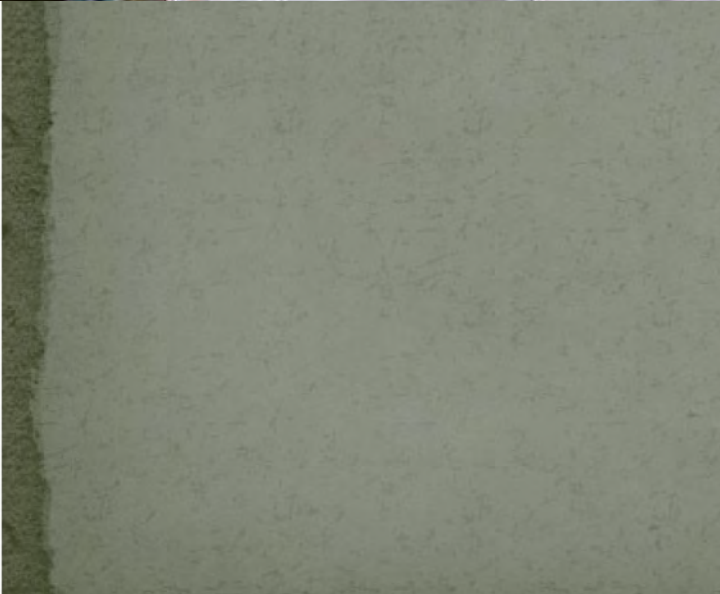


glass

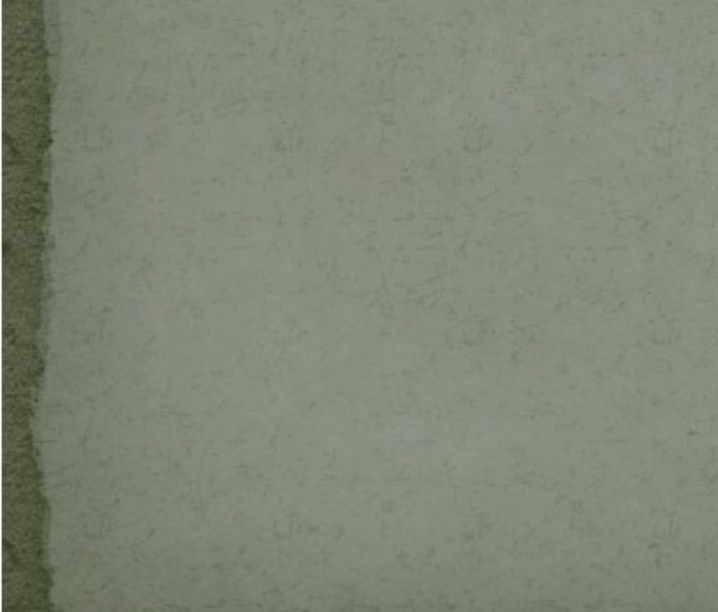
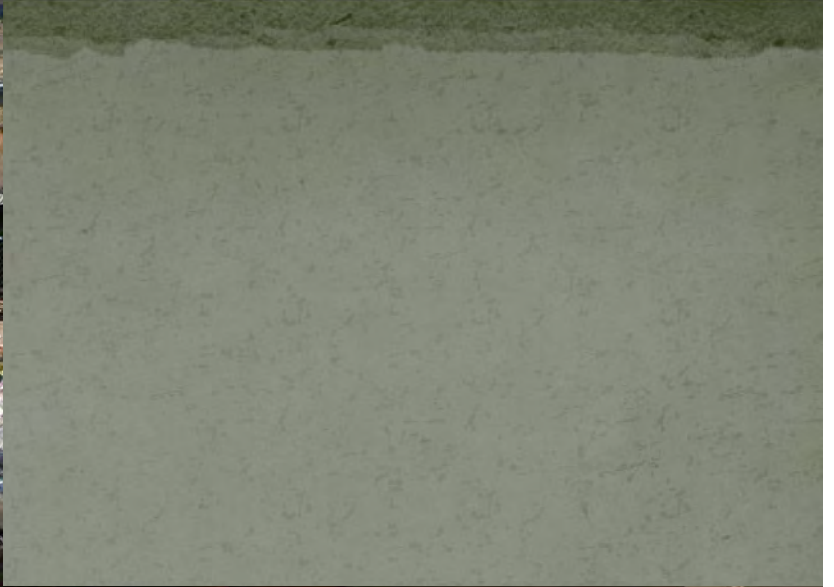


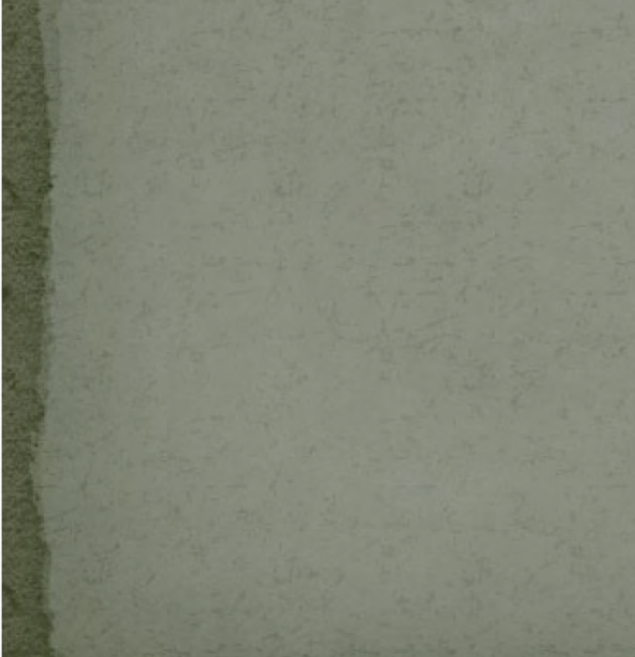


Plastic









Clarens Urban Conservancy initiative



Training of Waste Pickers.

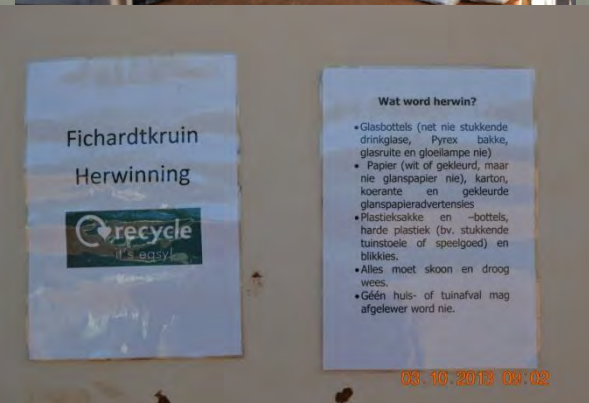
- With the Mangaung Metro and the recycling industry training was given to waste pickers in the Metro



Waste minimisation actions at churches

Anglican Church
Ladybrand

NG Church
Fichardtkruin



Challenges

- To many beneficiaries
- To little recyclable material
- Distance to buyers
- Prices of recyclable materials
- Lack of commitment
- Mistrust
- Political interference (local councillor's demand that their family or friend be part of a project).
- Crime
- Vandalism
- Legislation

Jagersfontein initiative?



Establishing reclaim/BBC without any feasibility studies!



Research?



Conclusion

- Reclaiming & Recycling are job creators!
- It is time that the polluter pays for his waste (shopping bags)
- Subsidising recycling?
- Align waste legislation. (definition of waste & waste licensing)
- Reclaiming & Recycling awareness
- Sorting at source
- Need to invest in composting actions

Thank you!

