

WASTEPLAN
on-site waste management



SUSTAINABLE SOLUTIONS

To South Africa's Waste Challenges

safma



Who is WastePlan ?



WastePlan Holdings

**WastePlan
Western
Cape**

**WastePlan
Eastern
Cape**

**WastePlan
KZN**

**WastePlan
Gauteng**

**Recyclebag
Company**

**WastePlan
Used boxes**

**WastePlan
Energy**

“ Changing the way we think about waste ”

Who is WastePlan ?



ON-SITE

Waste Management Company

Business model that
rewards our clients for
reducing their waste



Resources **FACTORIES**



Kraaifontein - Cape Town
Epping – Cape Town
Queensburgh - Durban
Canelands – Durban North
Germiston – East Rand
Joburg
Waltloo - Pretoria

PURPOSE BUILT

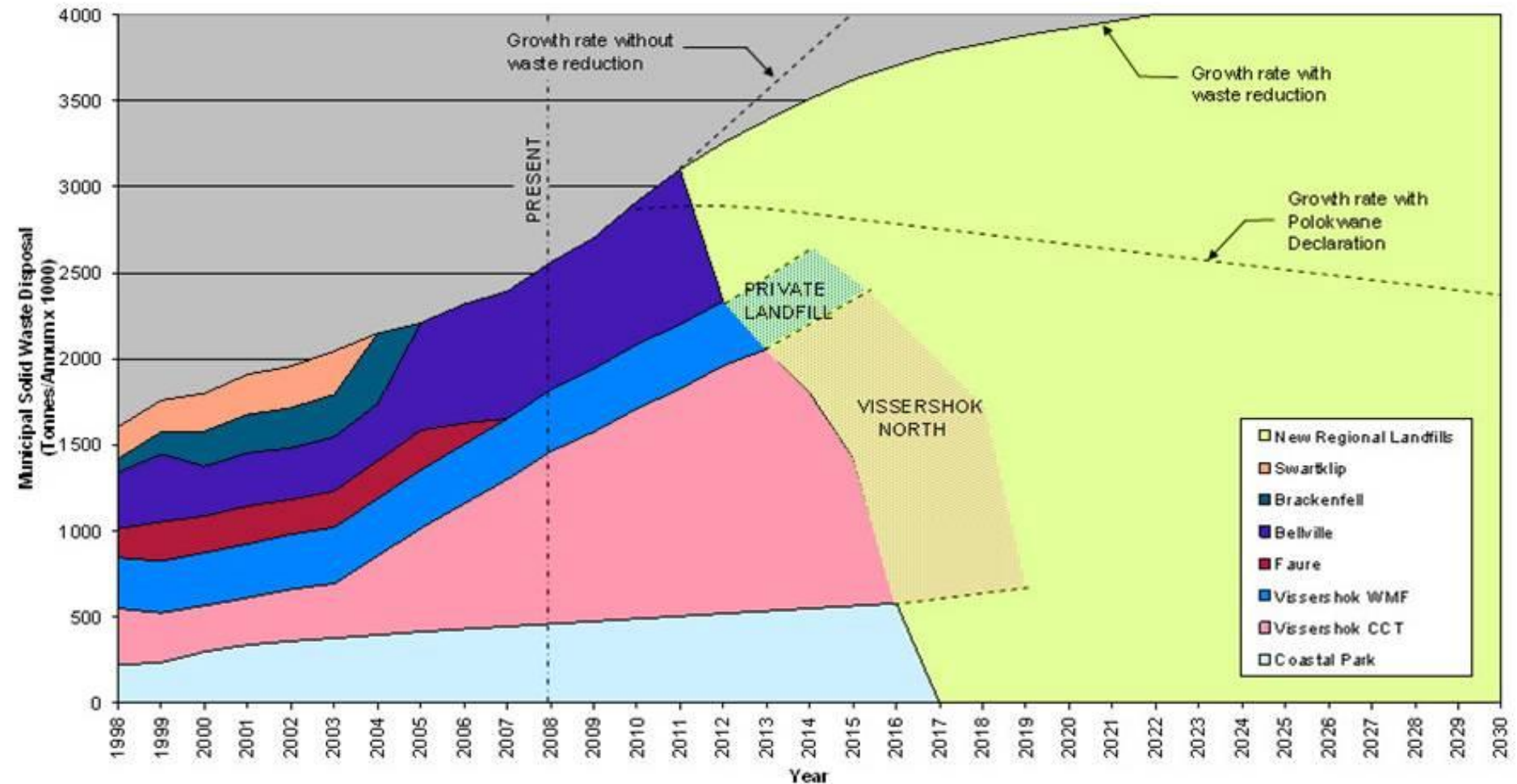
vehicles



Resources EQUIPMENT



The Challenges

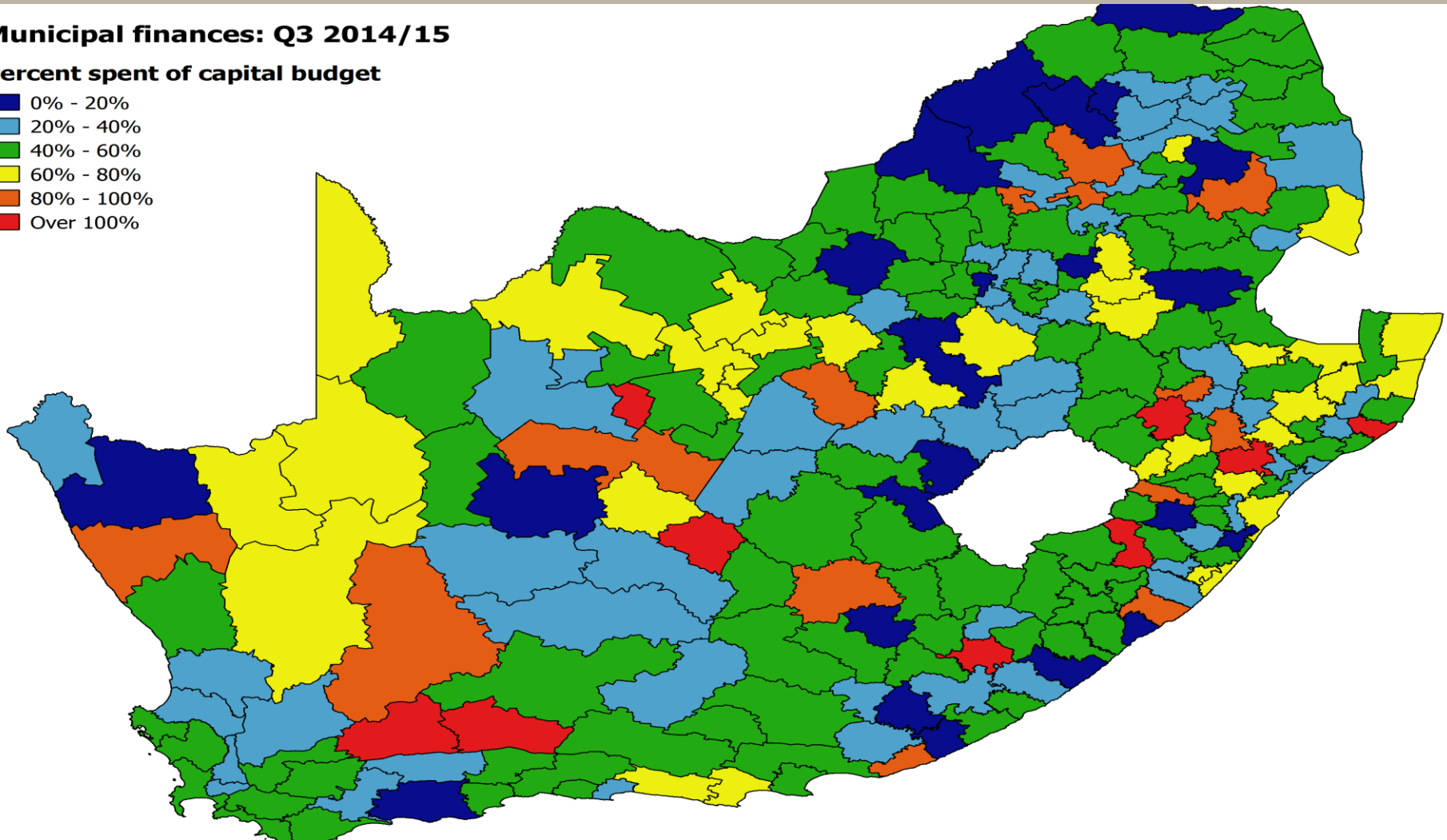
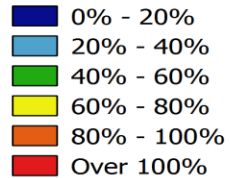


No more Landfill Space

The Challenges

Municipal finances: Q3 2014/15

Percent spent of capital budget



Municipal Financial Trouble

The Challenges



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**No
Forward
Planning
(Landfills)**

The Challenges

DEPARTMENT OF ENVIRONMENTAL AFFAIRS

NO. 1011

12 SEPTEMBER 2016

**NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008
(ACT NO. 59 OF 2008)**

**PUBLICATION OF NOTICE TO THE PAPER AND PACKAGING INDUSTRY, ELECTRICAL AND
ELECTRONIC INDUSTRY AND LIGHTING INDUSTRY TO PREPARE AND SUBMIT TO THE
MINISTER INDUSTRY WASTE MANAGEMENT PLANS FOR APPROVAL**

I, Bomo Edith Edna Molewa, Minister of Environmental Affairs, hereby give notice of my intention to publish the Notice to the Paper and Packaging Industry, Electrical and Electronic Industry and Lighting Industry to prepare and submit to the Minister industry waste management plans for approval, in terms of section 28(1) read with section 28(5) of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) as set out in the Schedule hereto.

Members of the public are invited to submit within 30 days of the publication of this notice in the Gazette, written representations or objections to this notice to the following address:

By post to: The Director-General
Department of Environmental Affairs
Attention: Mr. Anben Pillay
Private Bag X447
Pretoria
0001

By hand at: Environmental House, 473 Steve Biko Street, Arcadia, Pretoria, 0083.

By e-mail: apillay@environment.gov.za

Any enquiries in connection with the notice can be directed to Mr Anben Pillay on Tel: 012 399-9827

Comments received after the closing date may not be considered.



**BOMO EDITH EDNA MOLEWA
MINISTER OF ENVIRONMENTAL AFFAIRS**

Industry Waste Management Plans

The Effect



**INCREASED
COSTS FOR
DUMPING
WASTE**

The Solution



ON-SITE

waste reduction

separation, sorting,
weighing, reporting

The Solution



COMPRESSION of recyclable waste

To ensure the **highest rebate**
for the material



The Solution



RECYCLING CULTURE



REDUCE HANDLING COSTS

The Solution



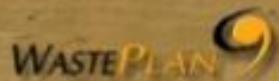
EPOXY FLOOR COATING

Of your waste areas for
easier cleaning



The Solution

WASTEPLAN⁹



REPORTING



Instant
Access to data &
documents

Build customised
reports

Unique user
login

Cloud content

“You cannot reduce
anything until you
measure it.”

The Solution

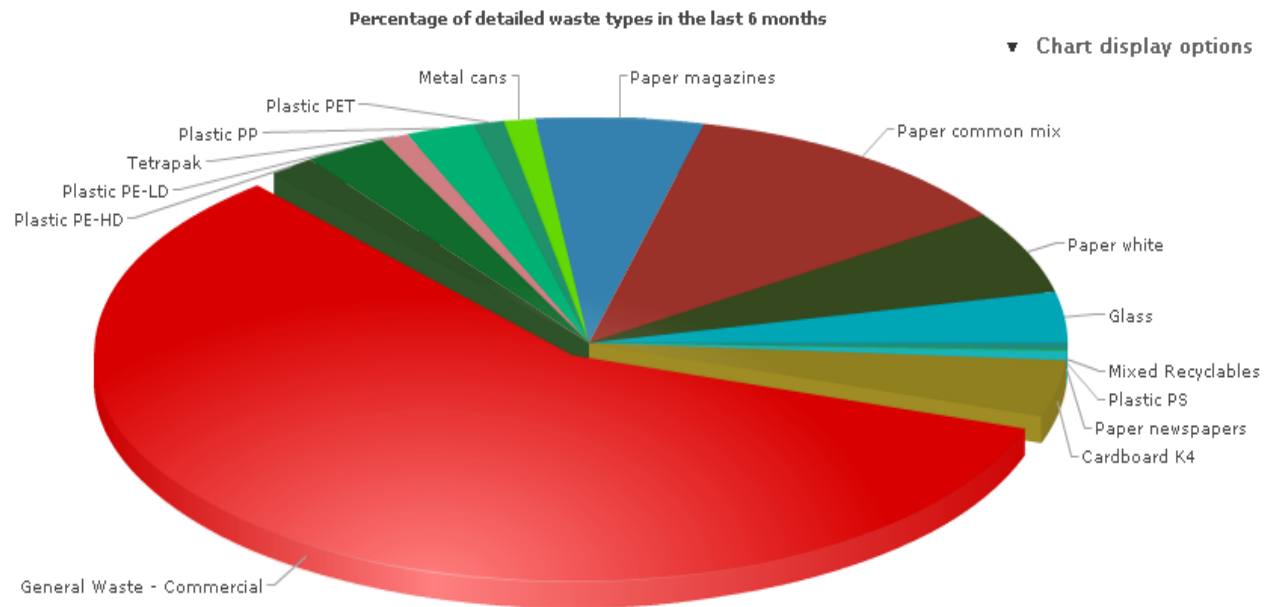
Avanti Building

Number of months to s...

Calendar mon...

Calculated on: calendar month

Client: Avanti Building



Excel (xls) Excel (xlsx) PDF CSV Print

REPORTING – Total Waste

The Solution

Statistics for Avanti Building

Client list Last 30 days Last 6 months Year to date

Avanti Building

Period

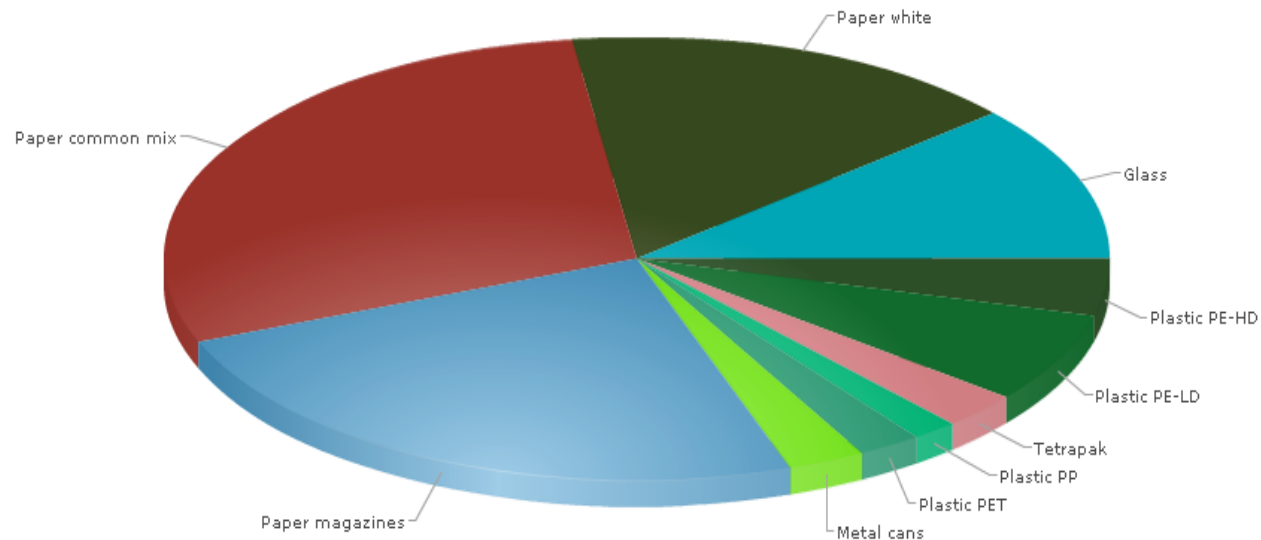
Grou...

Calendar months

Calculated on: calendar month Client: Avanti Building

Percentage of detailed waste types in the last 30 days

▼ Chart display options



REPORTING – Recycling

The Solution



Avanti Building

Number of months to s...

Calendar mon...

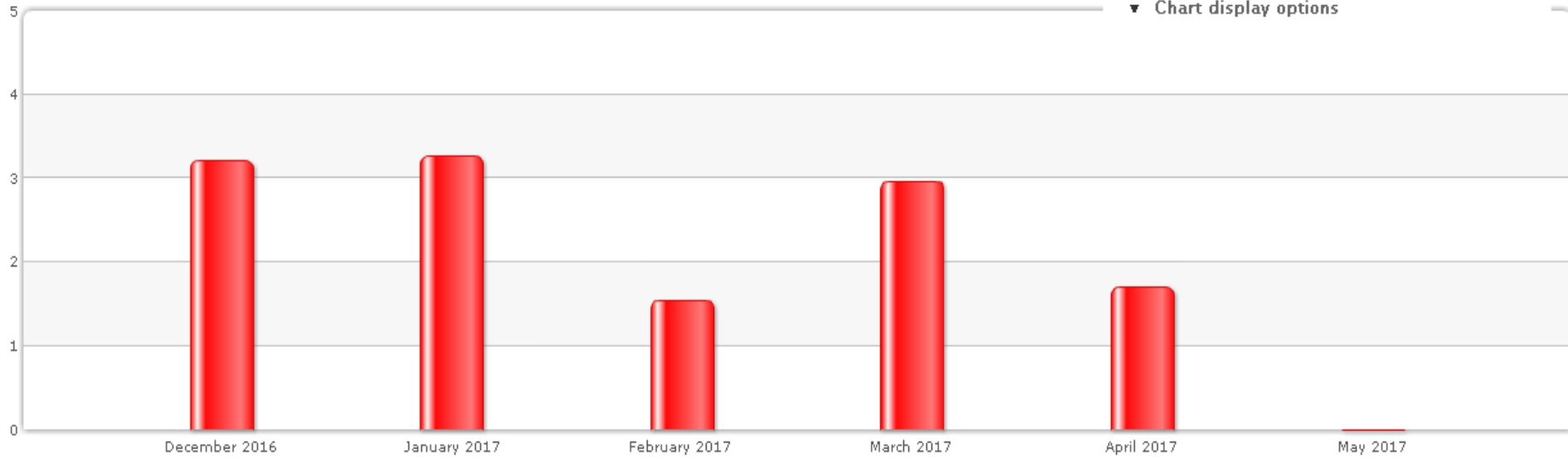
Calculated on: calendar month

Client: Avanti Building

Carbon savings per month

Chart display options

Carbon savings (Mega Tonnes Carbon Dioxide Equivalents per Metric T



Months (Source: USEPA Waste Reduction Model Emission Factors Feb 2012)

Carbon savings

Excel (xls) Excel (xlsx) PDF CSV Print

REPORTING – Carbon savings

The Solution



MOBILE
REPORTING



The Solution



REPORTING

NON- COMPLIANCE
REPORTING (manual or automated)



Understanding of CDP

Find **future solutions** for waste to **energy** and reuse