

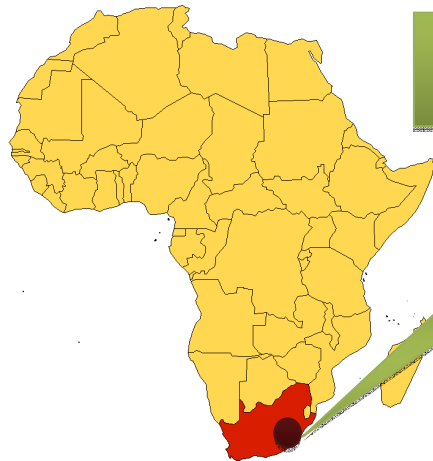
COP 17 Durban

SOUTH AFRICA

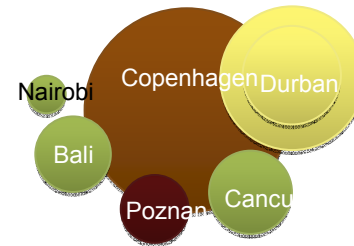


Sue Bannister
Acting Head – Strategic Projects Unit
eThekweni Municipality

COP17 / CMP 7 in numbers...



DURBAN
South Africa
World Cup 2010
COP 17 2011
Top Gear 2012
AFCON Cup 2013



World Cup
\$ 600 bn

COP17
\$12m

<p>Organisation</p> <p>15 City depts involved 74 individuals</p>	<p>Shuttle system</p> <p>78 buses 48 mini buses 42 bus stops 100 000 trips</p>	<p>Meals</p> <p>450 000 additional meals served in the City</p>	<p>Coffee/ tea</p> <p>Over 1 000 000 cups drunk</p>	<p>VOC</p> <p>378 hours of operation</p>	<p>Weather</p> <p>1 significant intense storm 8 dead</p>
<p>Hotel greening</p> <p>20 hotels 31 B&B's 132 individuals</p>	<p>Volunteers</p> <p>594 volunteers 400 'youth' volunteers</p>	<p>Taxi's</p> <p>20 000 metered taxi trips</p>	<p>Toilets</p> <p>70 temp toilets provided 10 Urinals 4 showers</p>	<p>E-newsletters</p> <p>5 editions Distributed to 18000 staff and 3000 external</p>	<p>Bikes</p> <p>4 stations 730 bicycles 1300 hires 2 'lost'</p>
<p>Civil Society</p> <p>4800 people at Global day of Action March</p>	<p>Local Government</p> <p>Climate change learning exchange with 19 cities</p>	<p>Local Government</p> <p>114 Mayors Durban Local Government Convention</p>	<p>Green Tours</p> <p>16 tours 6 sites visited on each 95% occupancy</p>	<p>Schools</p> <p>Posters to 146 schools 17 performances to 600 children</p>	<p>Side Events</p> <p>48 private events 32 Delegate events</p>

Some basic questions

Principles

- ⦿ Promote social and economic development
- ⦿ Use the event to raise awareness on
- ⦿ Monitoring and Evaluation – How can we do it better next time?
- ⦿ Legacy, legacy and legacy

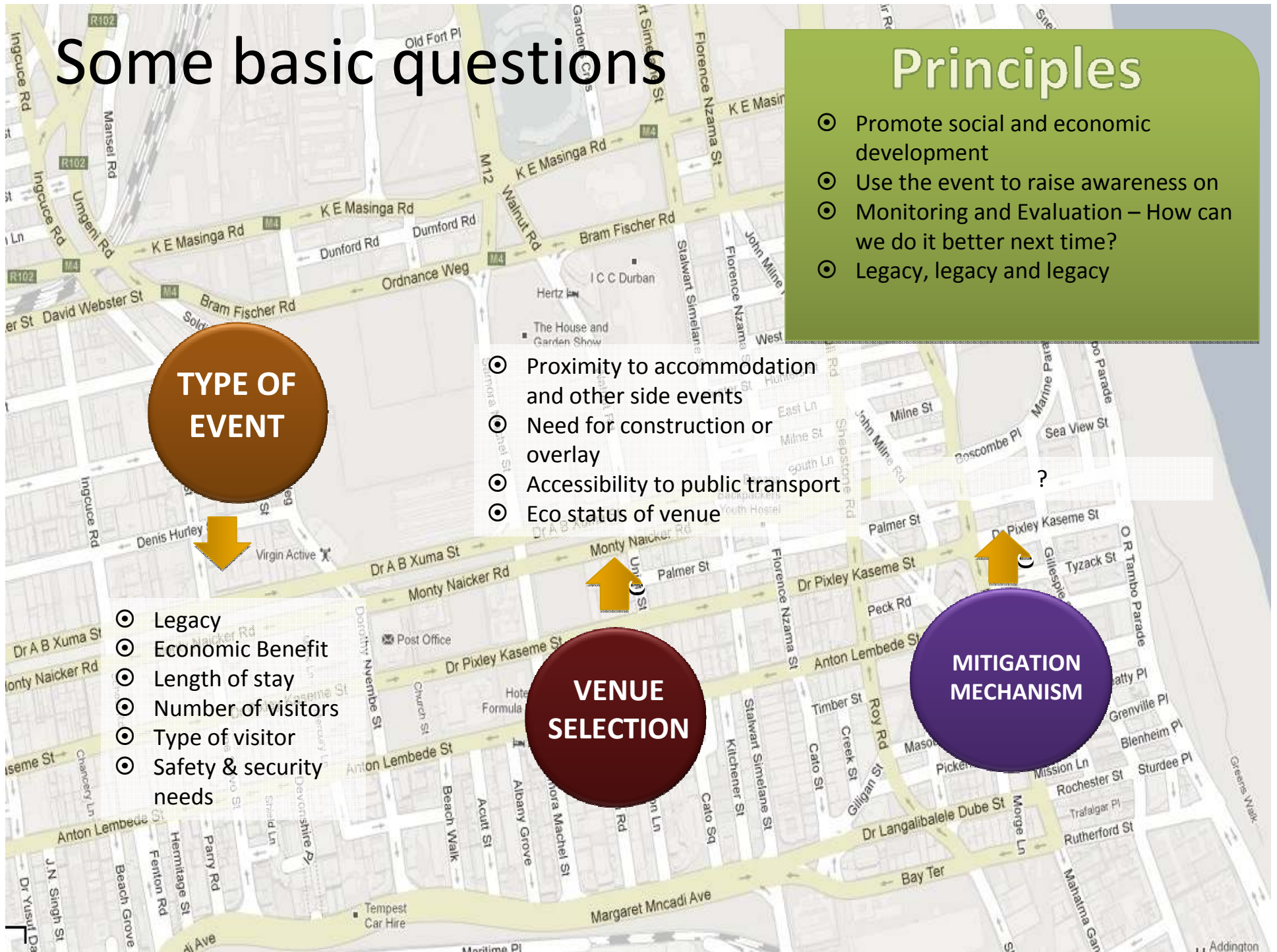
TYPE OF EVENT

- ⦿ Legacy
- ⦿ Economic Benefit
- ⦿ Length of stay
- ⦿ Number of visitors
- ⦿ Type of visitor
- ⦿ Safety & security needs

- ⦿ Proximity to accommodation and other side events
- ⦿ Need for construction or overlay
- ⦿ Accessibility to public transport
- ⦿ Eco status of venue

VENUE SELECTION

MITIGATION MECHANISM



TYPE OF EVENT

- World Cup 2010
- COP17 2011
- Top Gear 2013
- IOC 123rd Congress
- AFCON 2013

ICC

- Energy efficient
- Water conservation plan
- Recycling
- Central & Accessible
- Adjacent available space
- Side events clustered at beachfront

VENUE SELECTION

CEBA

MITIGATION MECHANISM



WASHING SUSTAINABILITY THROUGH THE PROCESS



Procurement

- ⦿ Specified Eco-friendly products
- ⦿ Green star rated products
- ⦿ Paper & Ink
- ⦿ Recycling for afterwards
- ⦿ Local

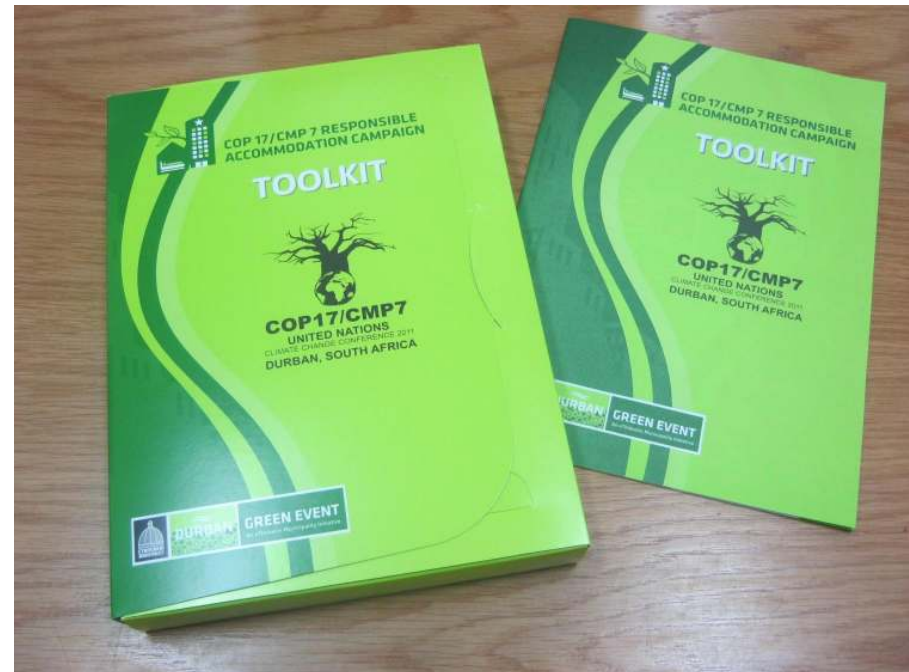
Legacy: Green Procurement Policy



Green Guidelines

Simple, easy to follow guidelines for:

- ⦿ Water conservation
- ⦿ Minimising electricity use
- ⦿ Landscaping guidelines
- ⦿ Accommodation service providers



ACCOMMODATION

Awareness Raising

Screening Checklist

Green Guideline

Printable Visitor Charter

Encourage Certification

- ⊙ What is COP17
- ⊙ Benefits of hosting
- ⊙ What is climate change
- ⊙ What is responsible tourism

- ⊙ Sets targets and
- ⊙ Identifies actions to incorporate greening minimum standards

- ⊙ Water
- ⊙ Energy
- ⊙ Landscaping
- ⊙ Waste

- ⊙ Green Leaf
- ⊙ Fairtrade

But...

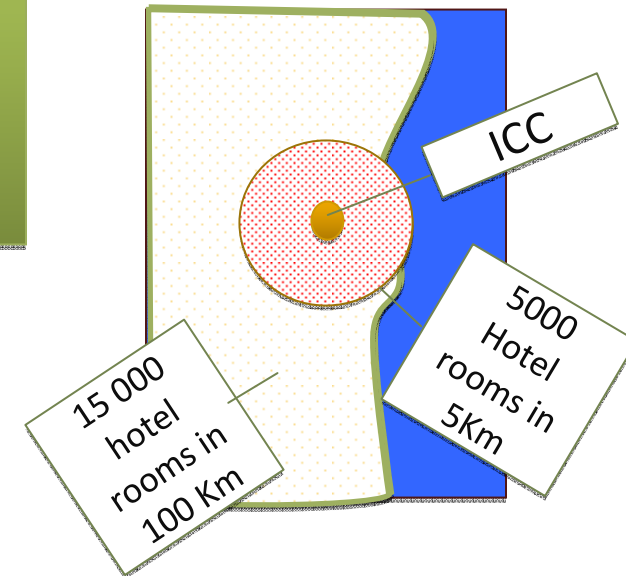
- ⊙ Minimum stay enforcement by hotels
- ⊙ Price escalations
- ⊙ Bigger hotels get the lions share of business
- ⊙ Smaller, marginal accommodation establishments suffer

TRANSPORT

DIFFERENT GOALS

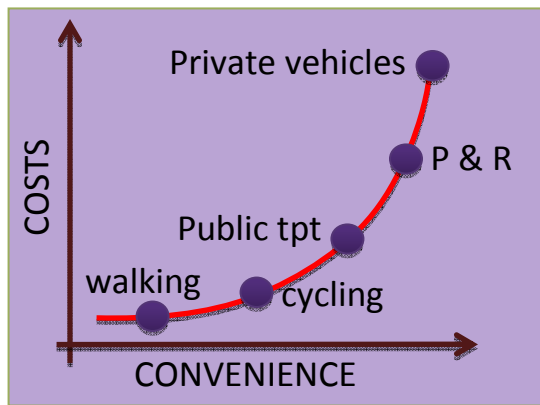
CITY	COP DELEGATES/ UN
Use of public transport	⊙ Dedicated delegate transport
6am to 11pm service	⊙ 24 hr Service
Hub to node concept	⊙ Door to door service
Convenience, accessibility and safety	⊙ Convenience, accessibility, Safety

The problem of servicing sparse hotel density



Successes

- ⊙ Development of a network of safe legible Pedestrian routes throughout the CBD
- ⊙ 730 bicycles available for COP delegates (728 remaining!)
- ⊙ Development of +- 10 Km Cycling routes
- ⊙ Use of local mini-bus taxi system
- ⊙ Use of inner City People Mover system



Not so successful...

- ⊙ Late, unpredictable hours for COP
- ⊙ [World Cup: predictable, but huge volumes in short periods]
- ⊙ Late procurement and out of town drivers by National Dept meant that bus drivers literally got lost for hours
- ⊙ Disabled delegates
- ⊙ Drop-offs
- ⊙ Last minute shift of NGO location
- ⊙ Park and ride complications
- ⊙ Media and VVIP's



COMMUNICATIONS, CITY DRESSING AND SIGNAGE

- ⦿ Use COP to educate citizens about Global warming and environmental issues
- ⦿ Showcase Durban's greening projects
- ⦿ Boost delegate numbers and encourage them to plan ahead
- ⦿ Update citizens on what we're doing and progress towards preparation
- ⦿ Movies, Signage, Green tours, eNewsletters, Website, Media releases

- ⦿ Build awareness of and interest in the event
- ⦿ Create a sense of place and space
- ⦿ Show the city off, looing its best
- ⦿ Route marking and place making



EDUCATION

Council employees

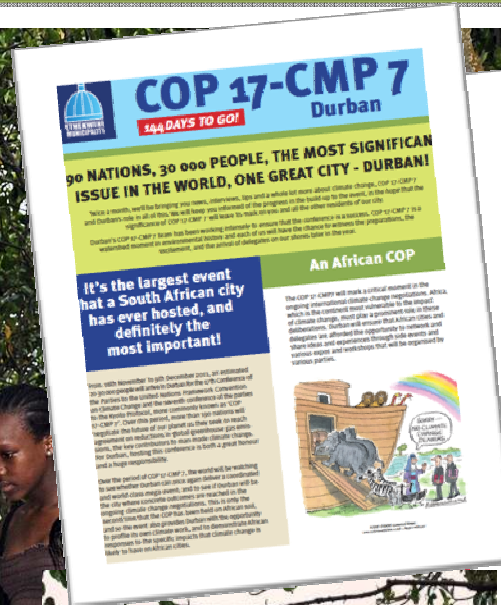
Residents

School Children

Event organisers

Service Providers

Business



WASTE

- ⦿ Installation of recycling bin system at all main event venues
- ⦿ Significant amounts of paper waste
- ⦿ Food waste -> unresolved problem
- ⦿ Lesson: protestors don't tend to use recycle bins!

FOOD

- ⦿ Local is best
- ⦿ Water bottles -> great idea, EXCEPT for visitor perceptions
- ⦿ Food markets used local organically or naturally grown food

UTILITIES

- ⦿ Don't underestimate the amount of power and water that can be consumed by an event
- ⦿ Individual meters wherever possible
- ⦿ Trade-off between accommodating NGO's and other groups and over catering
- ⦿ Toilets – significant need for temporary toilets BUT... both chemical toilets and plumbed toilets have significant drawbacks
- ⦿ Urinals are also not the answer

GIVEAWAYS

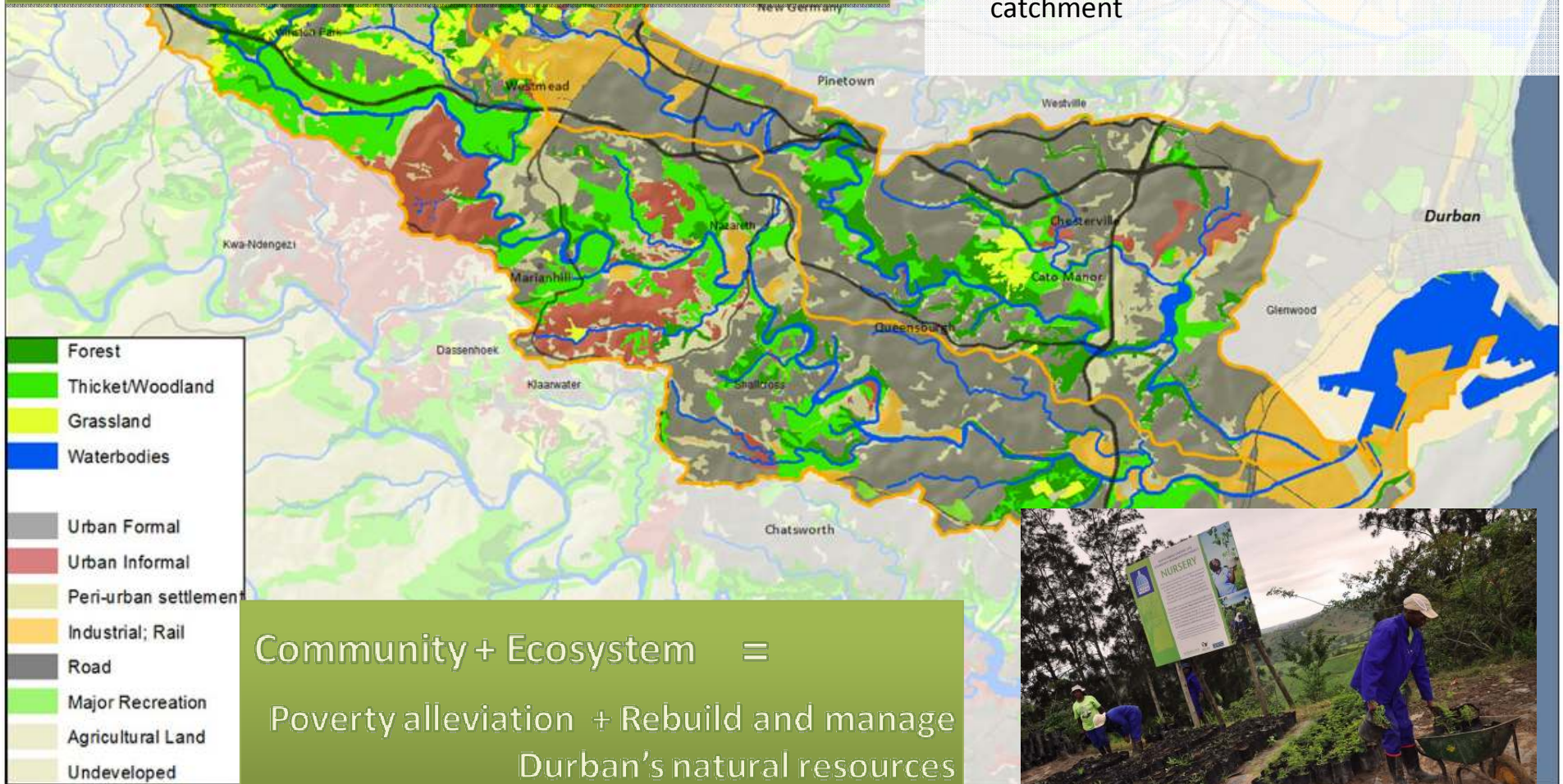
- ⦿ Everyone wants one... but very few get used beyond the event
- ⦿ USB's worked well, but costly



OFFSET MEASURES

CEBA Community Ecosystem-Based Adaptation

- ⊙ Phase 1: Paradise Valley
- ⊙ Official offset mechanism for COP17 adopted by COP17
- ⊙ Expected to fully offset the estimated 15,000 ton CO₂ equivalent of emissions the event generated.
- ⊙ Contributions from corporates Platform to expand and grow the initiative within uMbilob catchment



Community + Ecosystem =
Poverty alleviation + Rebuild and manage
Durban's natural resources



Examples of greening initiatives implemented during COP17

Buffelsdraai

The Buffelsdraai Landfill Site is a community reforestation Project

- ⦿ one of ten lighthouse projects chosen from around the world
- ⦿ 520 Ha of forest being restored by local communities growing and replanting forest trees
- ⦿ Benefits : climate change mitigation and adaptation as well as social upliftment of the more than 600 local community members involved.



- ⦿ The Priority Zone consists of a rooftop garden and during COP17, exhibitions on sustainable architecture.
- ⦿ The garden is over 1300m2 and utilises recycled material in its design, including tyres, pallets and drums to make the beds.
- ⦿ Rainwater is harvested for irrigation and the vegetables are sold to the local market

The Priority Zone



The Beehive

- ⦿ A permanent installation demonstrating the importance of biodiversity
- ⦿ The Beehive links human structures with indigenous and dune vegetation, supported by a sophisticated irrigation system.



The Baobab Tree

Examples of greening initiatives implemented during COP17



Cycle Hire



Durban Adaptation charter

- ⊙ Signed by more than 114 mayors and elected leaders representing over 950 local governments worldwide
- ⊙ Critical platform for Durban to advance adaptation agenda

Climate Change Learning Exchange

To build capacity in LG around the issue of adaptation



- ⊙ 131 people attended
- ⊙ 19 cities represented



Green Tours



Examples of greening initiatives implemented during COP17

COP17/CMP7 • ART COMPETITION • CALL FOR ENTRIES
www.cop17-cmp7durban.com

“Climate Change, The Future, and Me”

PUBLIC ART COMPETITION

Paint, draw, embroider, sculpt, photograph, weave - do whatever you want to create an artwork that expresses how you see climate change

How will it affect the world, our country, you and generations to come?
How can we slow it down? Or adapt to it?

Simply create your own interpretation of the competition theme "Climate Change, The Future, and Me" in a positive artistic way...

**ENTRY DEADLINE:
MONDAY 17 OCT 2011**

Art competition



Public Art



City Beautification



PLANET IN PERIL

Durban and the COP 17 World Climate meeting

THE MERCURY

COP 17 - Climate Change Poster No 5

Durban

Educational Posters

WORKING TOGETHER: SAVING TOMORROW TODAY

COP17/CMP7 WHAT CAN YOU DO?

Durban will host COP17/CMP7, the world's biggest conference on climate change, from 28 November to 9 December 2011. During this very important event, the world will be watching the city as decision makers from around the globe meet to discuss climate change issues.

Steps We Can All Take to Make a Difference:

- Consider non-motorized transport or car pooling
- Look at ways to re-use, reduce and recycle
- Save water

- Switch to energy efficient light bulbs
- Consider joining the Shisa Solar programme to convert to solar (www.shisasolar.org.za)

Show Your Support and Wrap a Tree

Welcome COP17 delegates and show your support for a greener city and Durban's climate change initiatives by wrapping trees in your neighbourhood with green fabric from 16 November until 16 December 2011.

Remember, addressing the challenge of climate change means that we all have to be aware of the climate impact of our actions and ask "the climate question" of everything we do. When wrapping trees, these are the sorts of choices you can make, and impact they have:



Natural vs Synthetic Materials:
Fabrics such as cotton and hemp are preferable because they're made from natural fibres, unlike synthetic materials (polyester, nylon, etc.) which are made from unsustainable petroleum products.

Natural vs Synthetic Dyes:
Fabric dyes are a major contributor to water pollution, so choose a fabric dyed with non-toxic, natural materials if you can.

Local vs Imported Fabrics:
Buying locally supports local businesses and reduces transport related carbon emissions, which cause climate change.



For more information on COP17/CMP7
www.cop17-cmp7durban.com



DURBAN
SOUTH AFRICA

Examples of greening initiatives implemented during COP17



Green Festival



COP17/CMP7 DURBAN GREEN FESTIVAL

COME DOWN TO THE BEACH FRONT FOR SUNDOWNERS, CONCERTS, SOLAR CINEMA, ART, SPORT, KIDS ZONE, FOOD, MUSIC AND LOADS MORE . . .
DAILY UNTIL 10 DECEMBER FROM 10.00 - 23.30

NEW BEACH

Located directly on the beach, opposite Beach Hotel Marine Parade, this unique daily beach party includes:

- Two beach bars, chill lounges and Tastes of Durban food stalls
- Nearby art exhibitions from the public of Durban, UNESCO, Oxfam and others
- Evening entertainment with an impressive line-up of top South African music, including Durban and South Africa's top bands and deejays – highlights include:
Johnny Clegg (4 Dec 14.00), **Watershed** (5 Dec 20.00) and **Just Jinger** (8 Dec 20.00)

Please Note

- Music and bands play from 17.30 – 23.30 Daily
- All stage events are free, however the public must book at Computicket for Just Jinger, Watershed and Johnny Clegg. (Free to delegates)
- Sat 3rd Dec - Delegates Only beach party (you must have your delegate accreditation badge with you)

BAY LAWNS

Located on the lower Marine Parade, daily events include:

- Beach activities such as beach soccer and cricket
- Beer and Wine Garden
- Mangwanani Spa
- Baobab Tree in the Amphitheatre Gardens
- Daily entertainment and music from 12:00 – 18:00 – free to all.

GREEN HUB

Located on the banks of the Umgeni River, events here include:

- Daily mountain bike rides, hikes, birding, trail running, mangrove swamp walks and geocaching.
- Capoeira, music, DJs and bands, and entertainment from renowned story teller Gcina Mhlope and performer Ellis Pearson.
- My Green Home Exhibition, Green Technology Market, food garden, craft market and films.
- 11.00 – 20.00 weekdays and 16.00 – 20.00 weekends
- Enquiries: 031 303 8474 / www.durbangreencorridor.co.za for a detailed programme

For more info on events:
www.cop17-cmp7durban.com





The Green Hub

☉ An expo and live music, entertainment and sporting and outdoor activities,





Lessons

- ⊙ Difficult balance between sustainability and political imperatives
- ⊙ Eco-procurement – a good start but a long way to go
- ⊙ Frugality – do more with less. Takes a lot of dedication and effort. Budget constraints go a long way!
- ⊙ Under pressure people resort to what they have always done - Change is pain
- ⊙ Sustainability costs more in the short term and is often only seen in the long term
- ⊙ Green talk is often hot air - Things that look green are often not
- ⊙ Areas that need to be looked at – efficiency of buses; effectiveness of bike-share programme; ICC – waste issues and recycling