

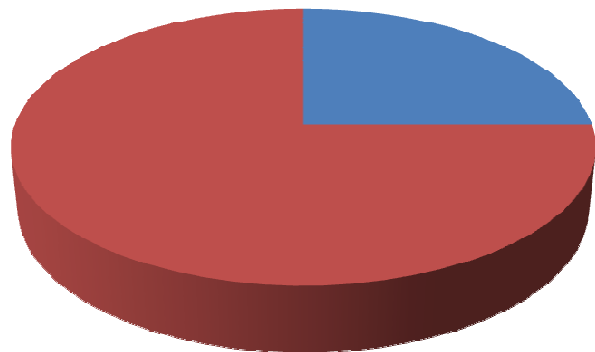
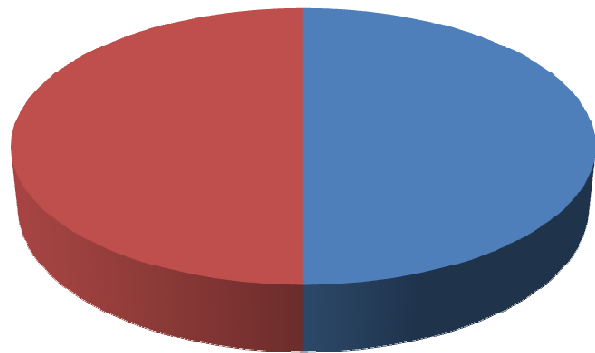
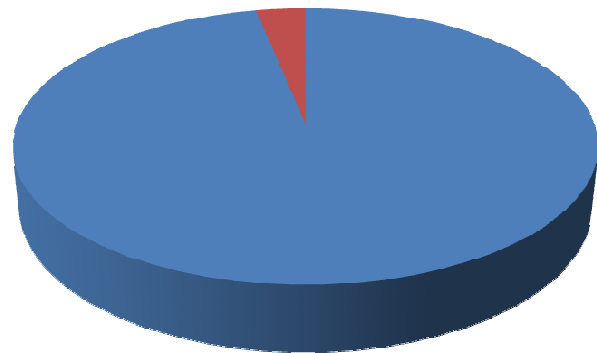
Integrating biodiversity into local and national development planning processes



J Wood, C Dorse, A Ashwell, P Homes, A Mader
Presented by: Julia Wood
28 February 2012



Why Cities & Biodiversity?



● Cities – a special case

- **<3% land area**
- **>50% population**
- **75% resources**



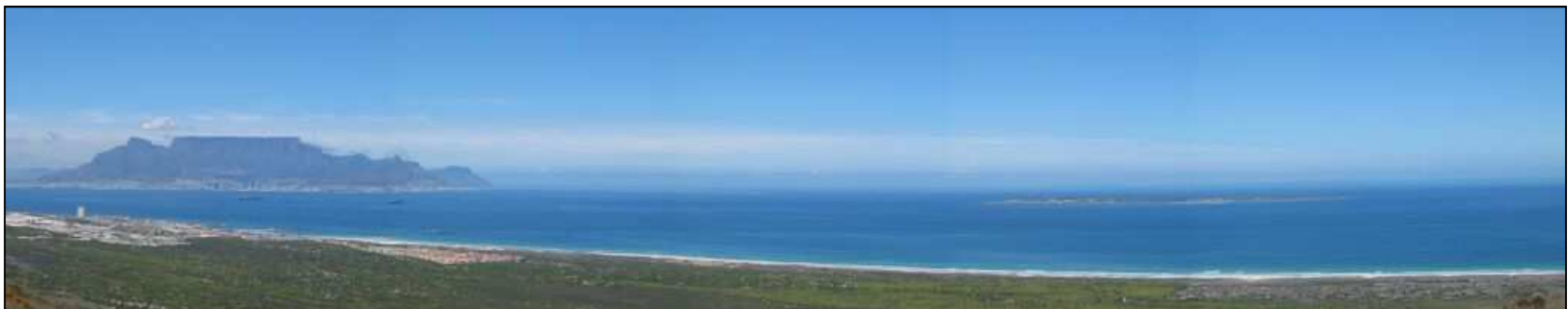
Why Cities & Biodiversity?

- Profound *effect* on ecosystems...



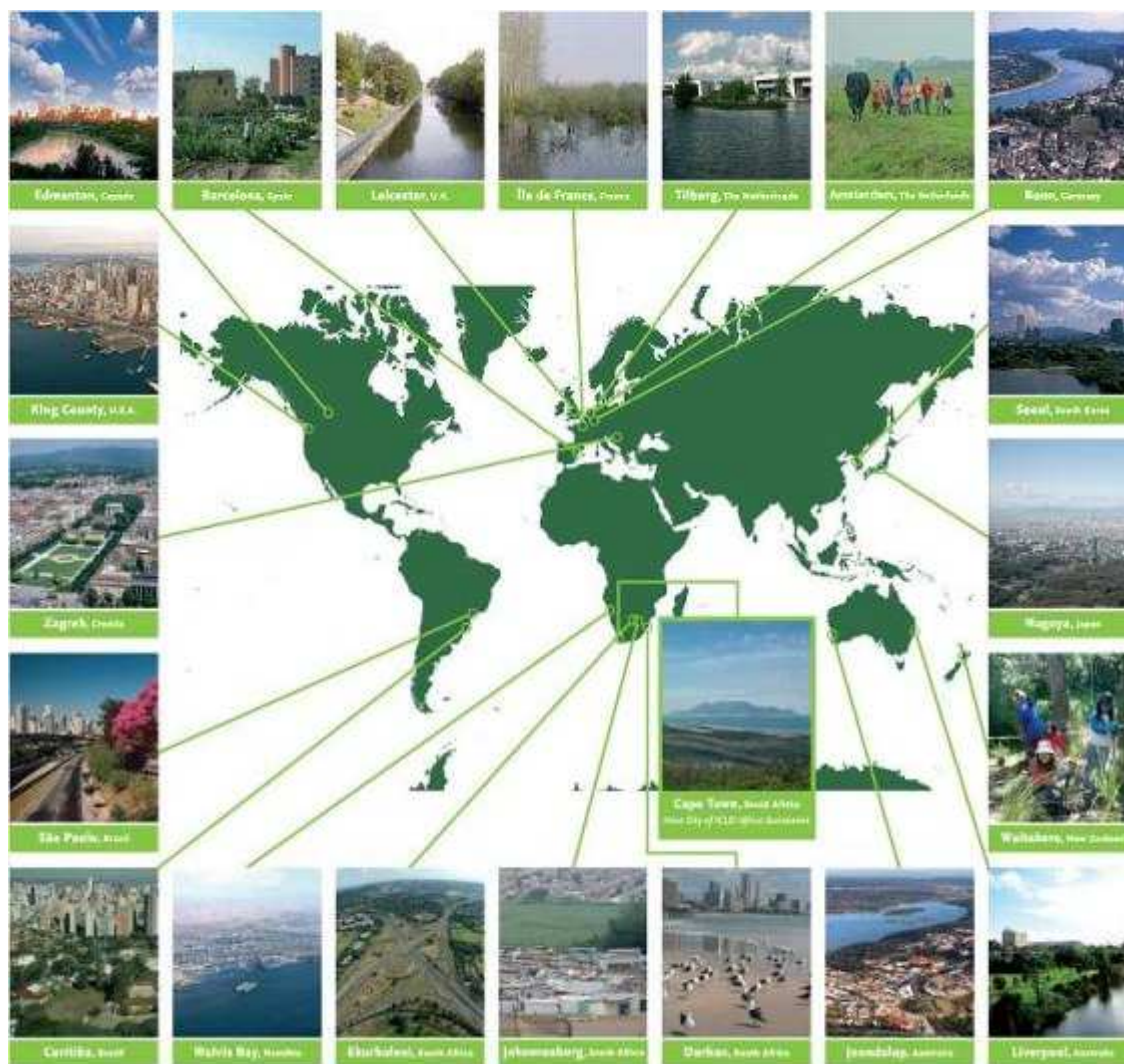
Why Cities & Biodiversity?

- **Urbanization → severe habitat alteration**
- **Cities need ecosystem services more than anywhere**
 - externally (resources)
 - internally (resilient Cities)
- **Climate Change (mitigation and adaptation)**
- **Opportunity for CEPA:**
 - Most people
 - Most power
 - Greatest need for CEPA
- **Local action and delivery of NBSAP**



Global momentum

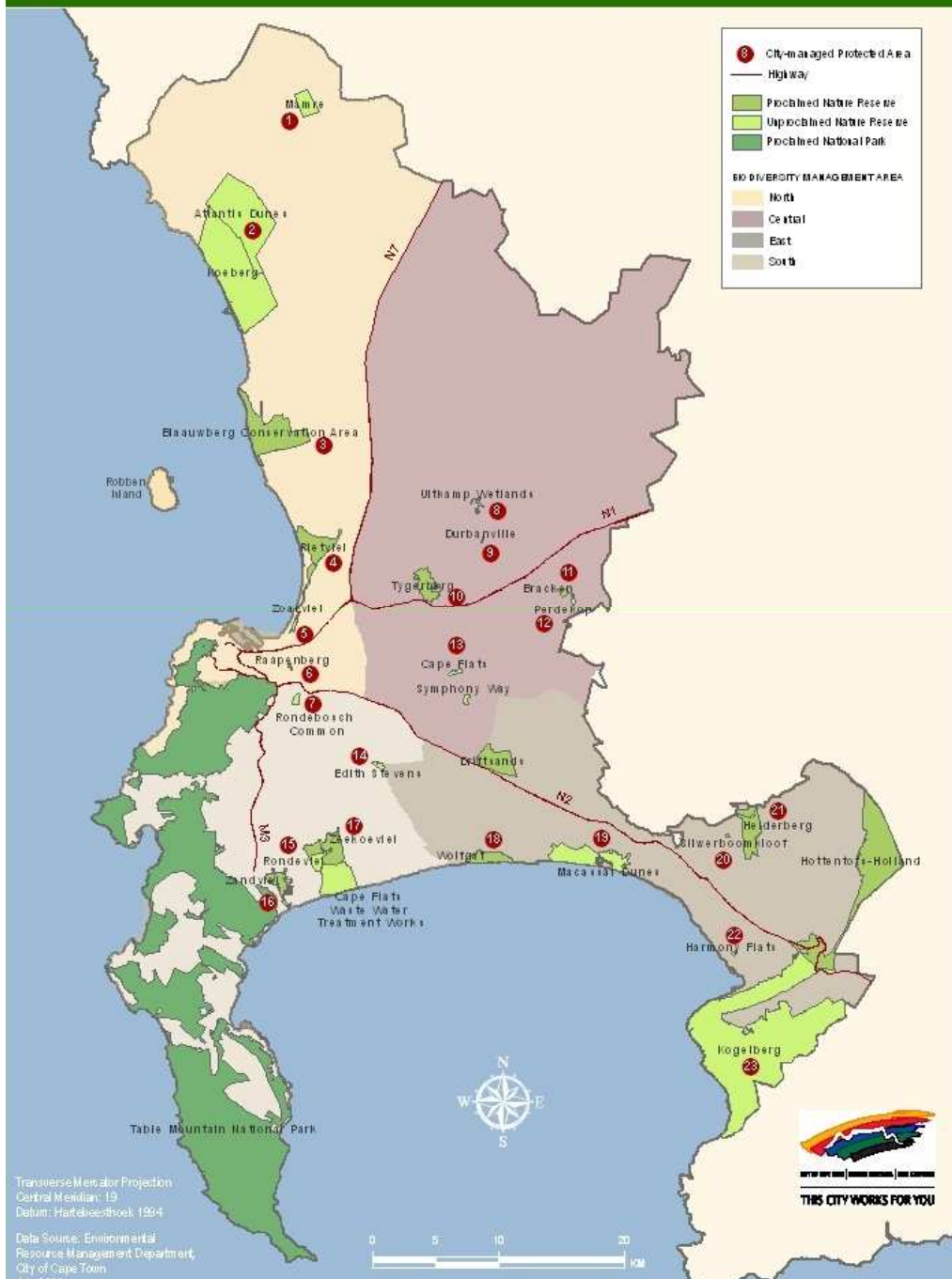
- Biodiversity as an ICLEI workstream
- TEEB D2
- Decision IX/28 recognised the importance of Cities
- Decision X/22; *Plan of Action*
- City Summit; Aichi/Nagoya Declaration adopting the plan of action
- Global Partnership on Cities and Biodiversity
- LAB / LBSAP



Conservation Planning and implementation: A local authority's perspective



Nature Reserves of the City of Cape Town



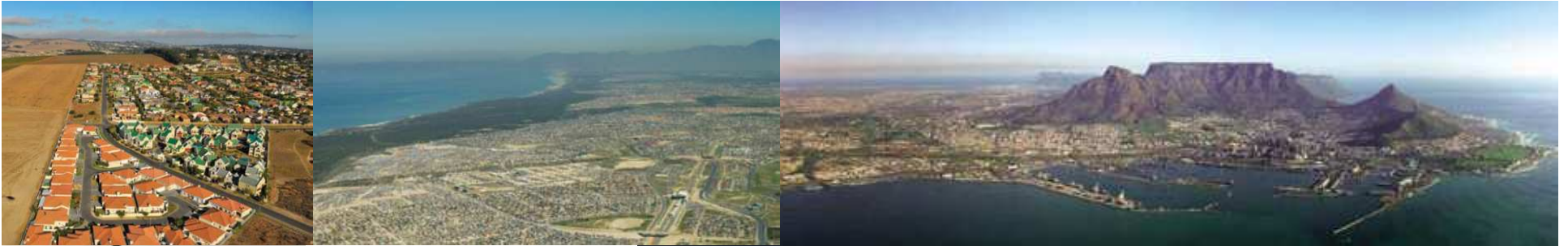
CITY OF CAPE TOWN FACTS:

- 2460 km² in extent with 3250 plant species in CCT
- Of 19 vegetation types in the City of Cape Town; 9 are Critically Endangered
- 6 endemic vegetation types!
- 13 extinct plant species and 319 threatened with extinction (18% of RSA's Red List Species in 0.1% of the area)
- 4 local centres of plant endemism (3rd of Cape Flora)



CITY OF CAPE TOWN | ISIXEKO SASEKAPA | STAD KAAPSTAD

THIS CITY WORKS FOR YOU



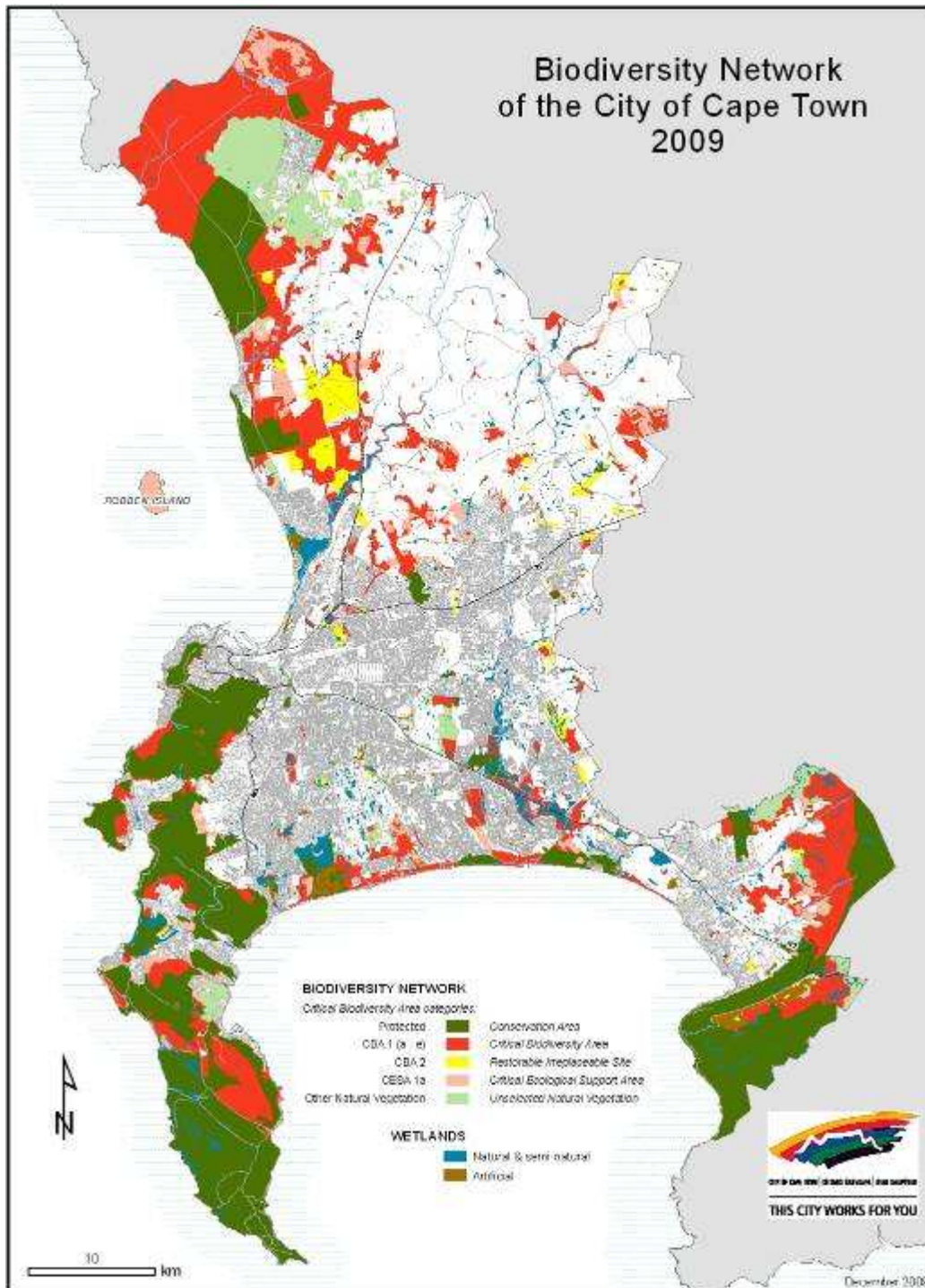
Social Responsibilities

- Population: 3.8 M
- Housing demand of 400 000 houses
- High immigration into Cape Town from the rest of RSA
- Developing at an average rate of 6.5 km² per year.
- ❖ Biodiversity Management is striving to be proactive to ensure that the Cities broader socio-economic goals are met through job creation, skills development, tourism and recreation









The Biodiversity Network:

Bionet facts:

- 34% of the City
- National targets - NBSAP
- Prioritisation and action plan (LBSAP)
- Goal is to develop a sustainable and resilient City while conserving our unique natural heritage.
- City has adopted a Biodiversity Strategy. This has been replaced by the LBSAP. We have set the target of securing 60% of the Bionet by 2014

Way forward:

- Recognised as a Sectoral Plan
- Undergo a public participation process
- Ensure the plan is not in conflict with any other plans
- Gazetted – then recognised as a Bioregional Plan
- Recognised in the SDF, IDP, Provincial

Opportunity City

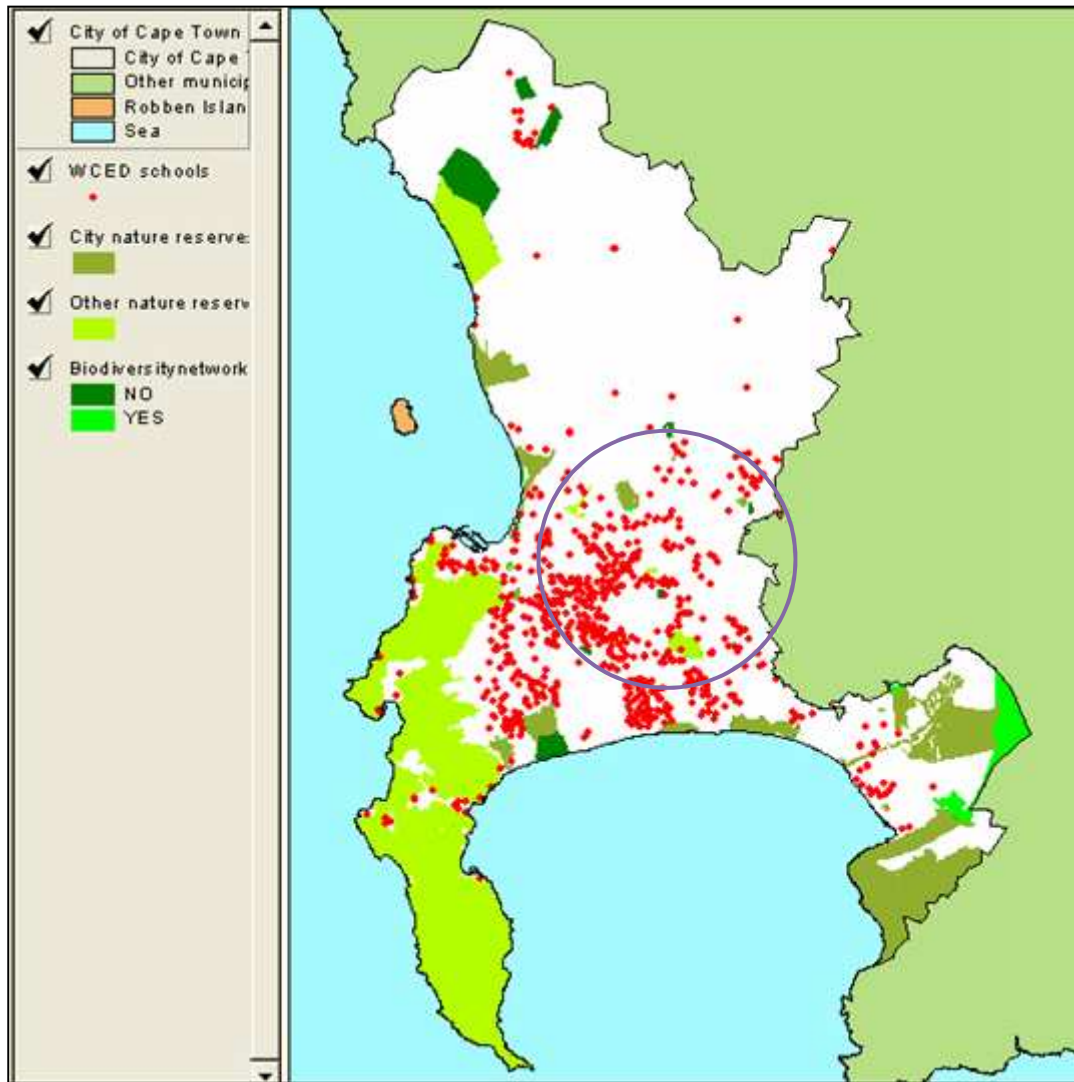
Improving livelihoods & alleviating poverty through job creation

People from designated groups empowered through skills development

FBNR Skills Development Project; EPWP R45M; Mayor's Project (created 400 jobs); SANBI (R2.7M); Working for Water (pending R9M); City Tender;



'Nearby Nature' in Cape Town



Challenges

- **Unfunded mandate? (but Spatial and LUM)**
- **If unchecked Local Authorities can be a huge threat to biodiversity (short term gains over long term sustainability)**
- **Willingness and capacity of local authorities is highly variable**
- **Integrating various & varying local needs within broad priorities of NBSAPs**
- **Coordination between spheres of government**
- **Alignment of NBSAPs and LBSAPs (depends on targets)**
- **PA expansion: Chasing large areas / near existing PA's not most threatened biodiversity. Climate change justification focus attention on large connected areas.**
- **Urgency for action on the ground**

Recommendations to Parties

- **Strive to involve local authorities in NBSAP compilation**
- **Help inform LBSAP compilation (Bionet: aligns with National ecosystem target shortfalls but not priorities)**
- ***Support sustained* awareness-raising & capacity development at the local level**
- **Work with the willing**
- **Work with partners**
- **Encourage public participation**
- **Focus funding on *aligned* objectives**

