

# “Scalibility” of NRM Interventions to address Climate Change

*NCCRD, 12 November 2014, Gallagher Estate*



Environmental Programmes



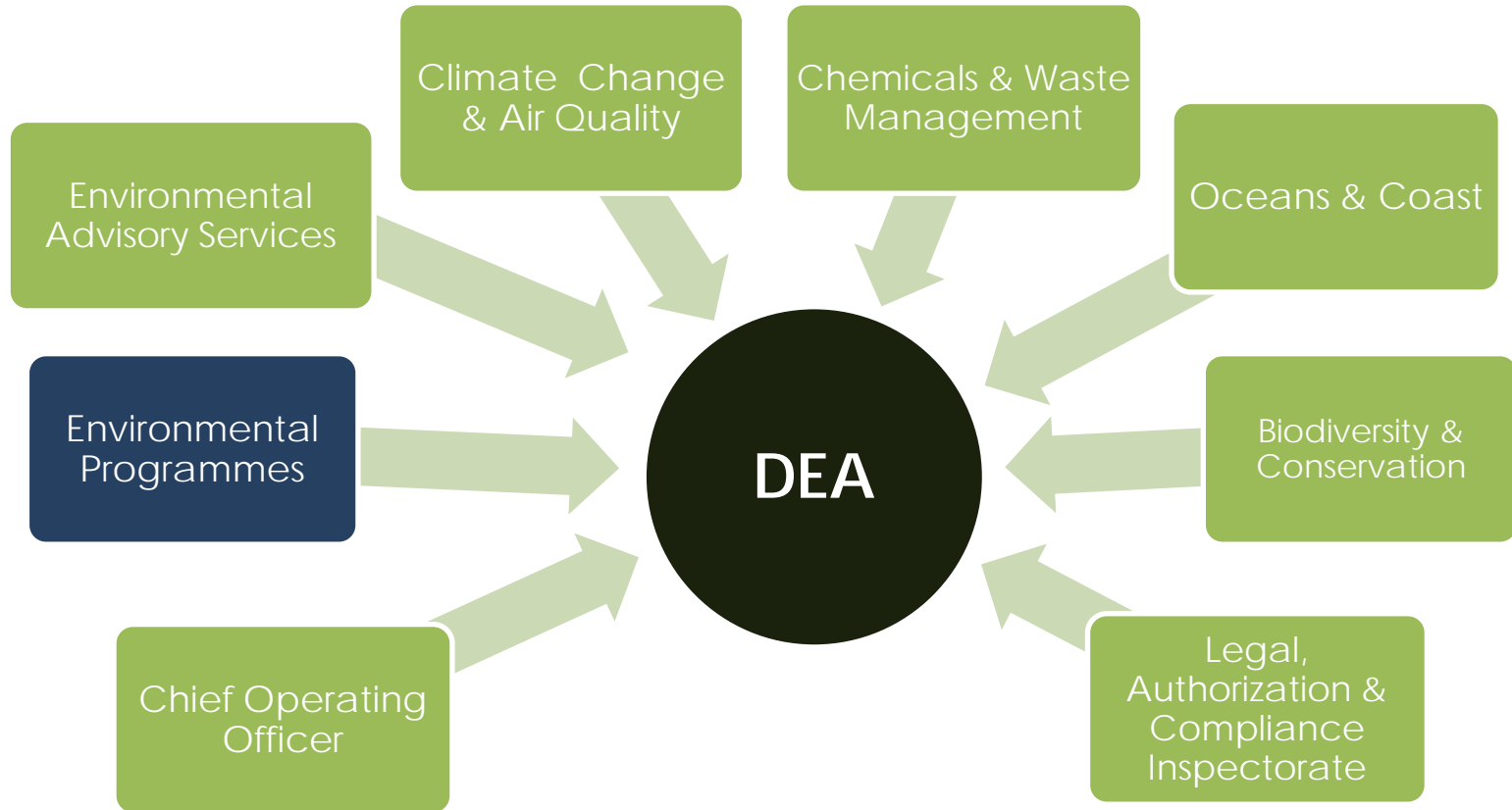
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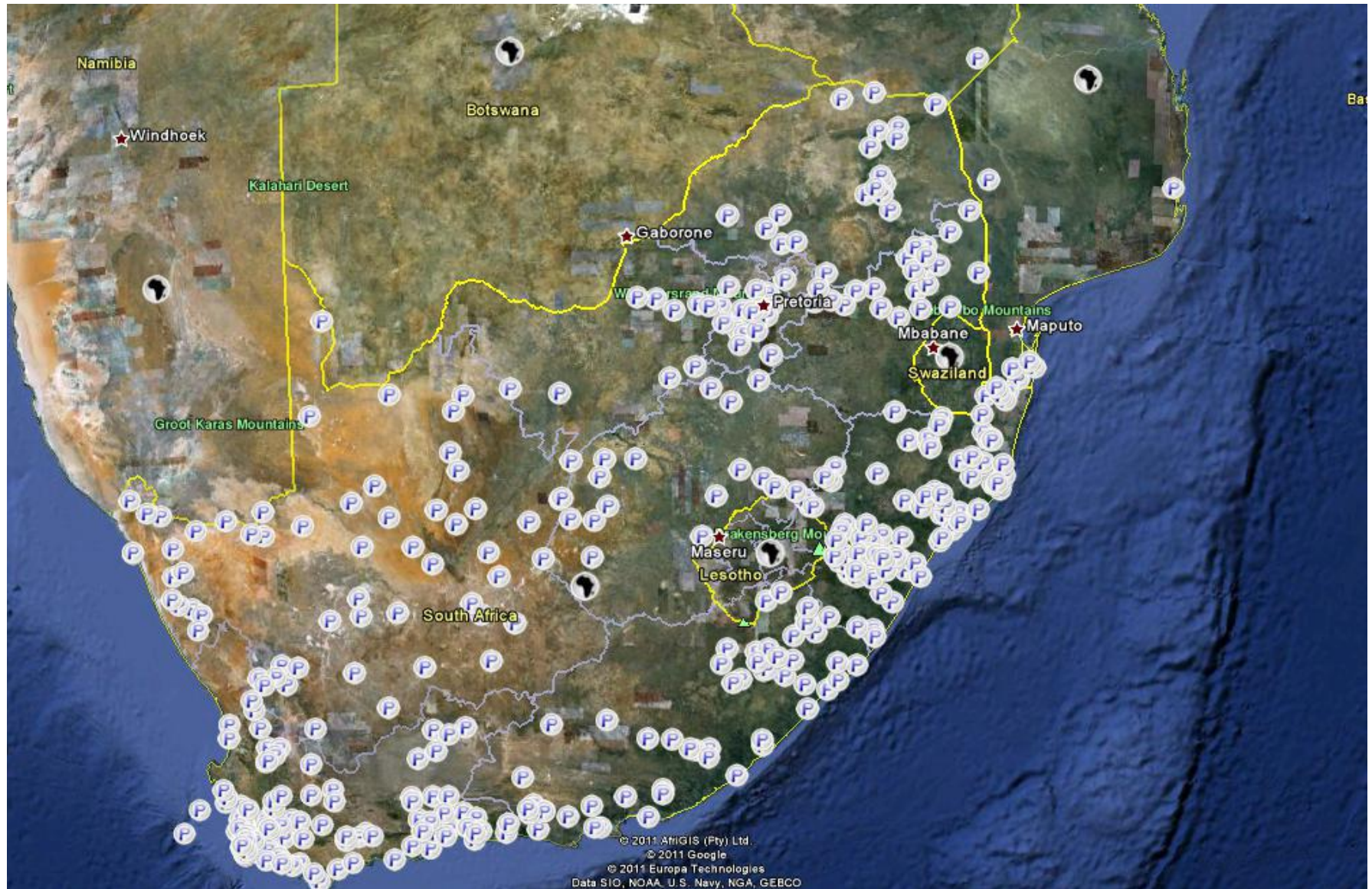
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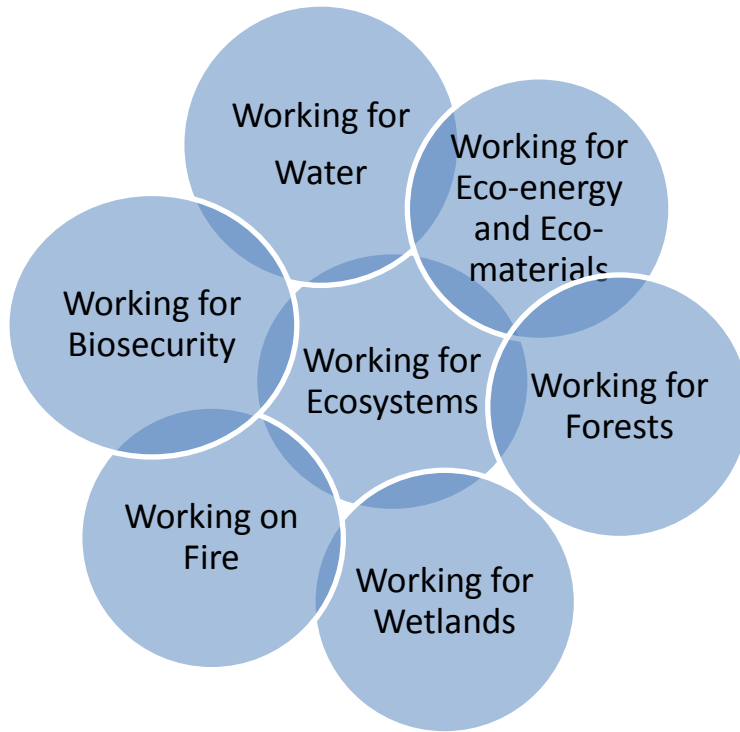
EXPANDED PUBLIC WORKS PROGRAMME

# DEA Organogram





# Natural Resource Management Programmes



## *Integrated approach*

- *Working together* of various NRM programmes. Roles and responsibilities?
- **Intervention *cascade*** of NRM programmes per project to deliver a suite of benefits
- **Close collaboration** with other government initiatives and departments

LAND MANAGEMENT INTERVENTIONS
Clear invasive alien plants, especially in mountain catchments and riparian areas
Rehabilitate wetlands
Clean and Maintain buffers of natural vegetations along streams and rivers
Protect riparian areas
Rehabilitate degraded riparian areas
Restore degraded landscapes e.g. bush encroachment

Improve footprint of existing interventions

Improve implementation efficiencies.

IMPROVED ECOSYSTEM SERVICES
Increased water yield
Reduced risk reduction
Improved water quality through filtering of nutrients and toxins
Improved soil water retention and nutrient status
Increased biodiversity
Improved carbon balance
Improved livelihood security

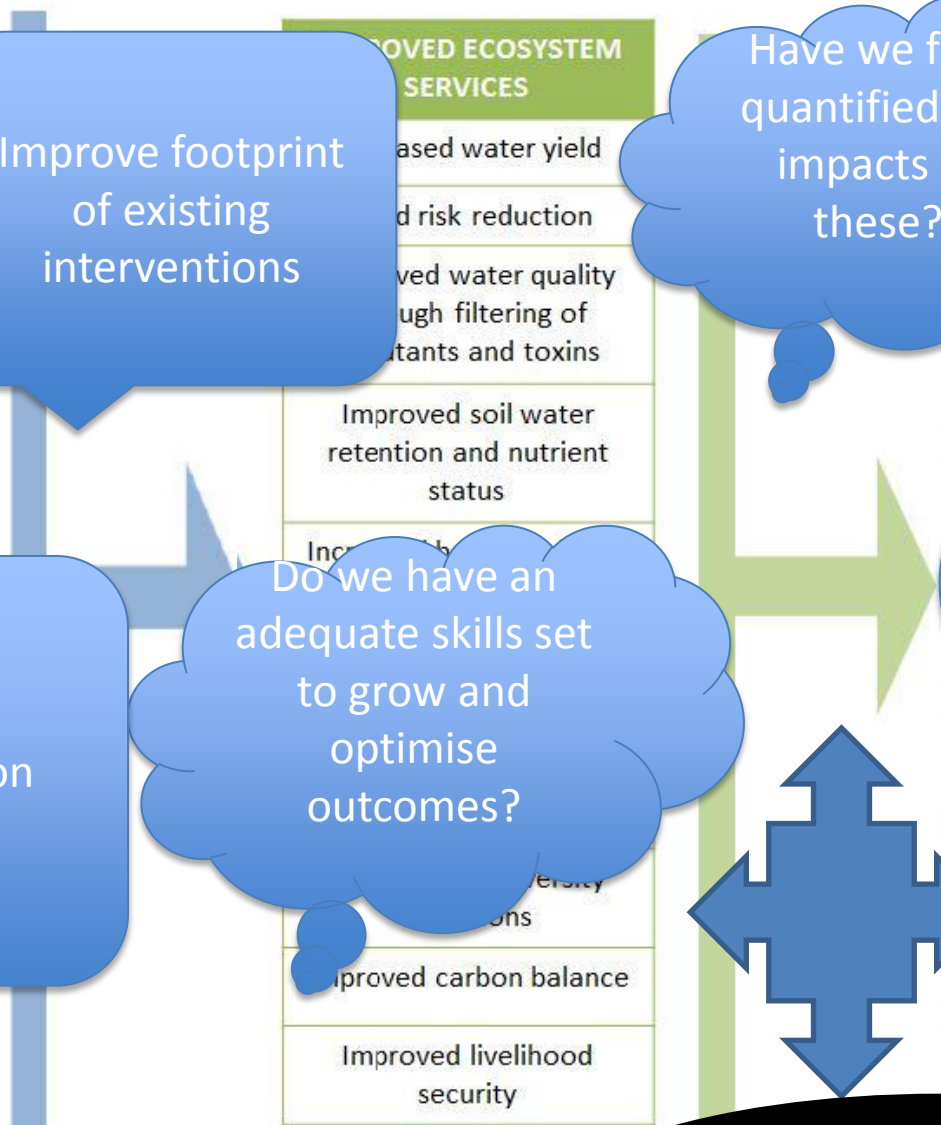
Do we have an adequate skills set to grow and optimise outcomes?

Have we fully quantified the impacts of these?

IMPROVED HUMAN WELLBEING
Reduced exposure to disasters (fire, floods etc.)
Improved food security
Improved livelihood security

Unlocking resources?

Improved resilience to effects of climate change



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