Review of the Energy Demand Mapping for EGI

Provincial consultation: North West Province 4 November – 28 November 2014



Rationale for the demand mapping exercise

- To identify future development plans and energy requirement by intensive energy users
- Strengthen and highlight the location of key proposed development areas
- To identify key economic development priorities across local, provincial and national scales
- To conduct an extensive review of municipal (local & district) and provincial planning document (SDFs and IDPs)

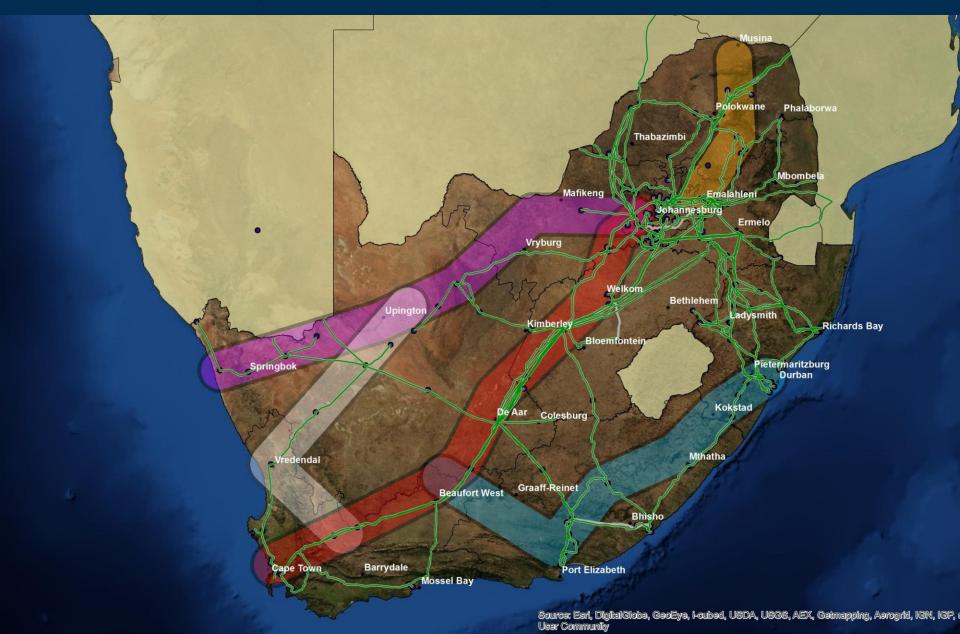




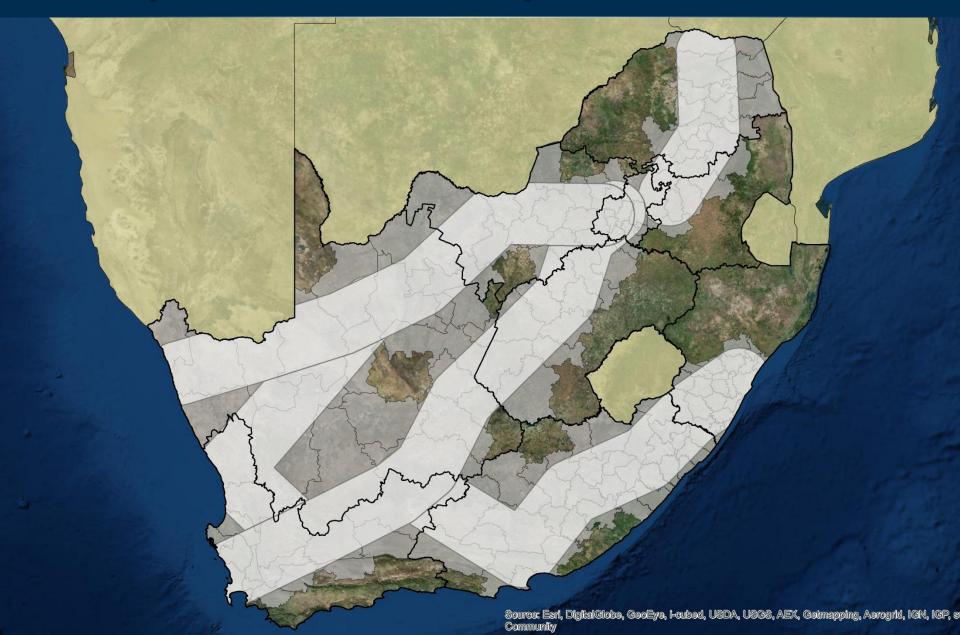




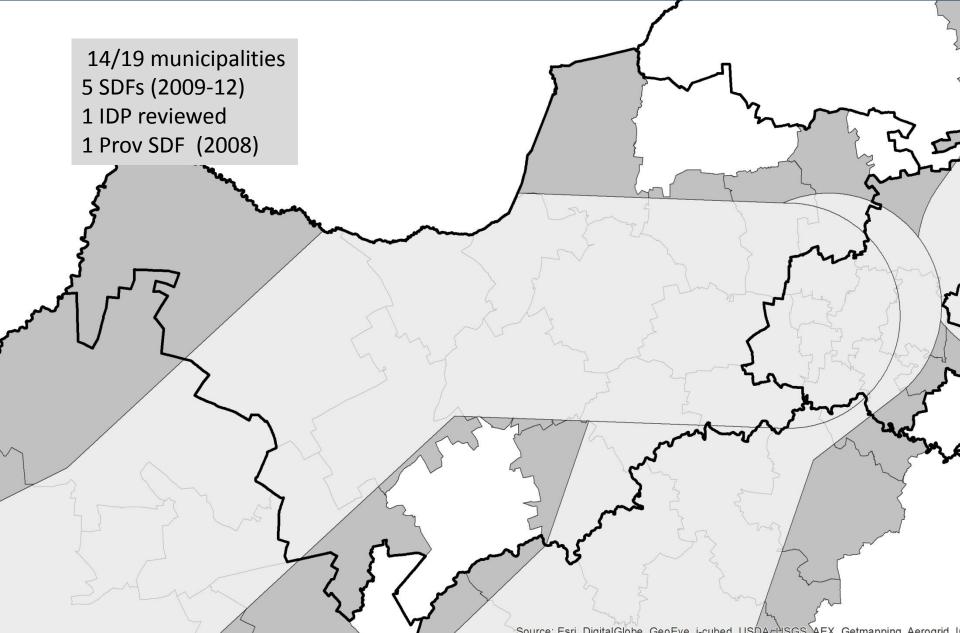
Current footprint and study area



Municipalities that overlap with the corridor



Provincial Municipalities

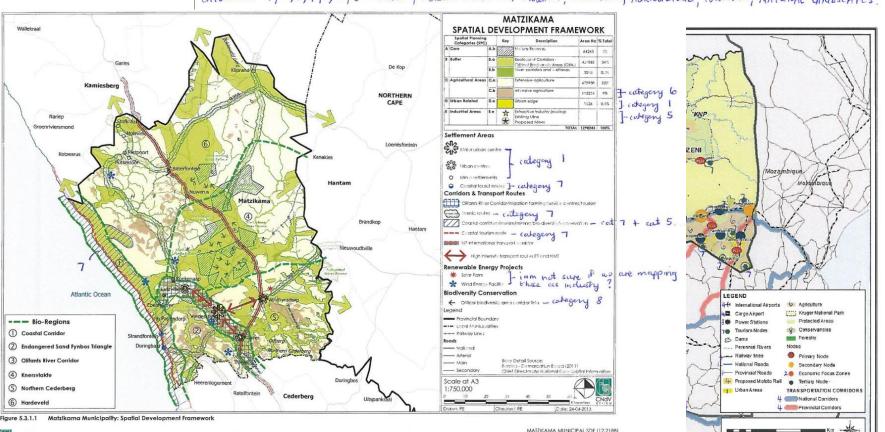


Demand mapping SDF categories

Number	Planning category	Example in SDFs	Push/Pull
2	Industrial expansion	Industrial areas-within urban edge	Pull
3	zones and industrial	Areas outside the urban edge demarcated for special/strategic economic developments	Pull
5	Priority mining areas	Existing mining activity, proposed/potential mining activity	Pull

SDF Mapping process

- Latest SDFs sourced where available
- District and Provincial SDFs or IDPs also sourced CATEGORI. 1, 4) 5, 4, 0, 1, 8: URBATIN, MOUSTICE EXMANSION, INDUSTRY, IRANSPORT, AURICULTURE, TOURISM, NATURAL GANOSCAPES.



CNdV africa (Ptv) Ltd the map. This Apologies Er is the only one available loaded all relevant into an this one map.

This is the map displayed in the final version of the doc. I have included indisepayate maps extracted from the

chaft version of the doc (Jan 2013) draft SPATIAL DE VELOPMENT FRAMEWORK so they shouldn't be too different are clearer. Please see the other maps for mining + toursm infe. These

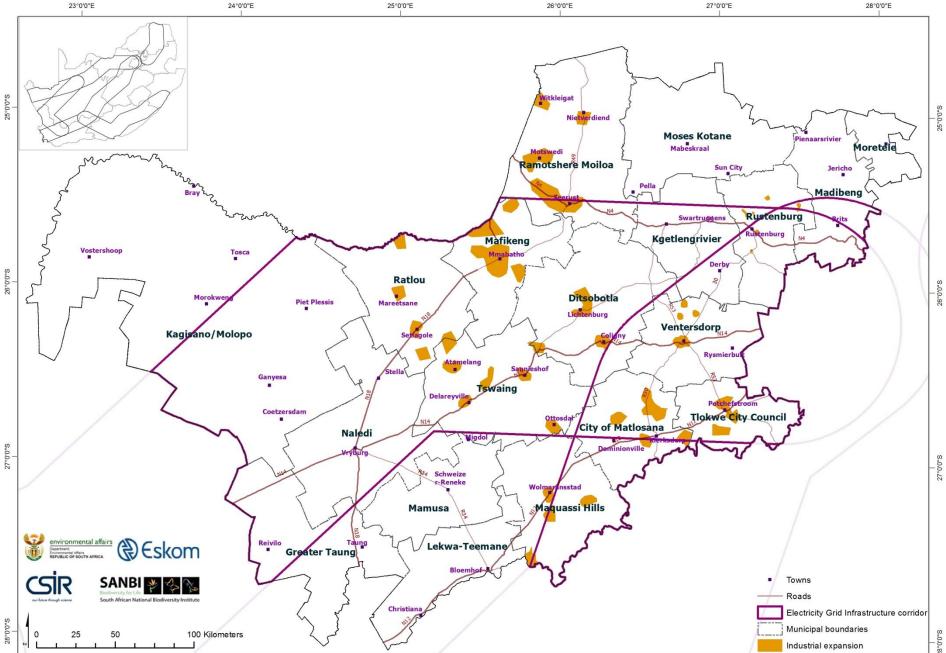
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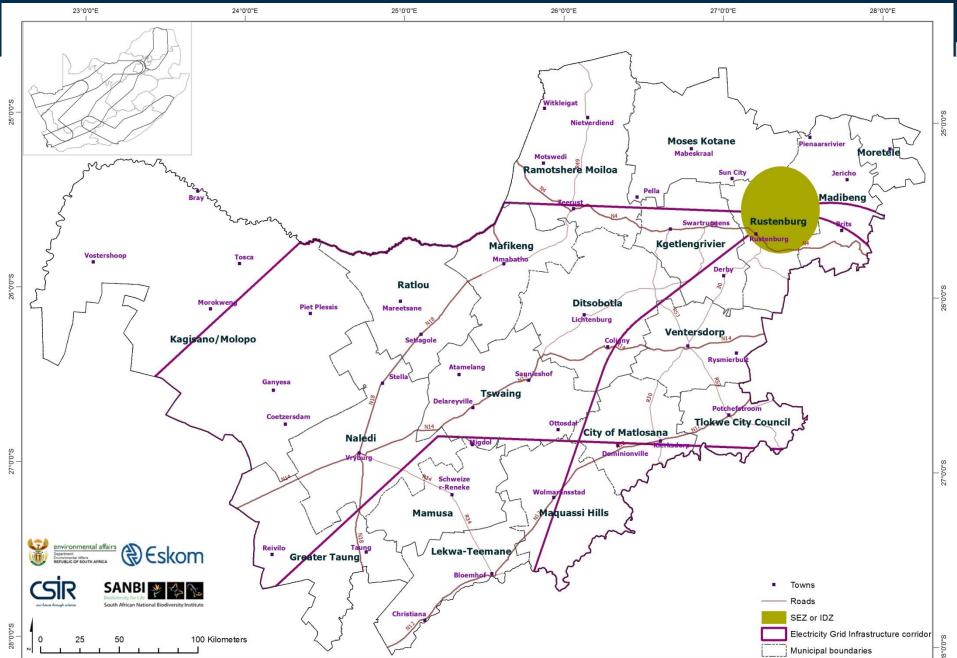
Metadata sheet

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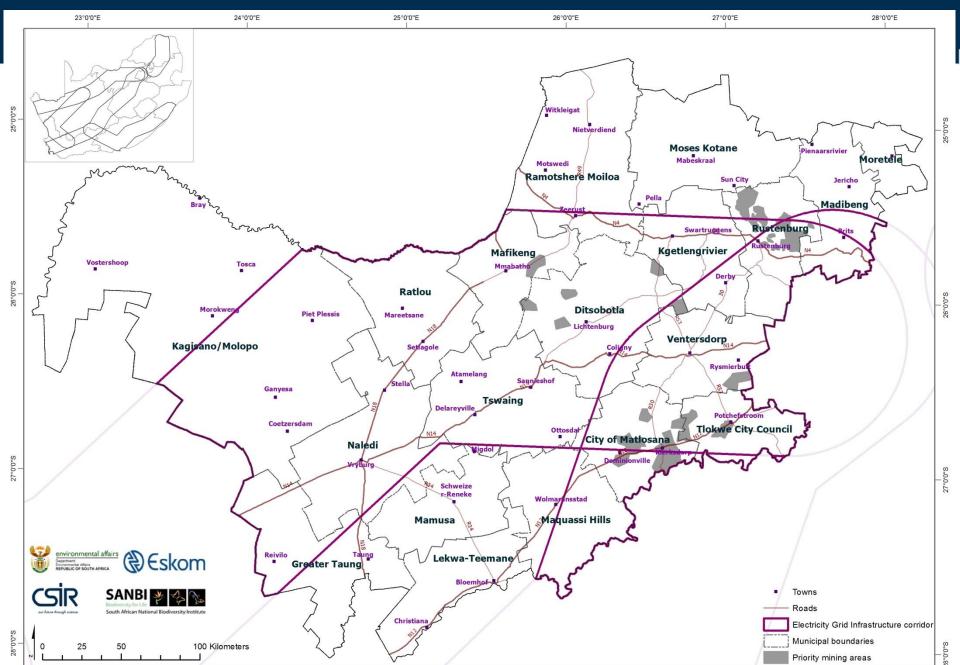
Industrial expansion



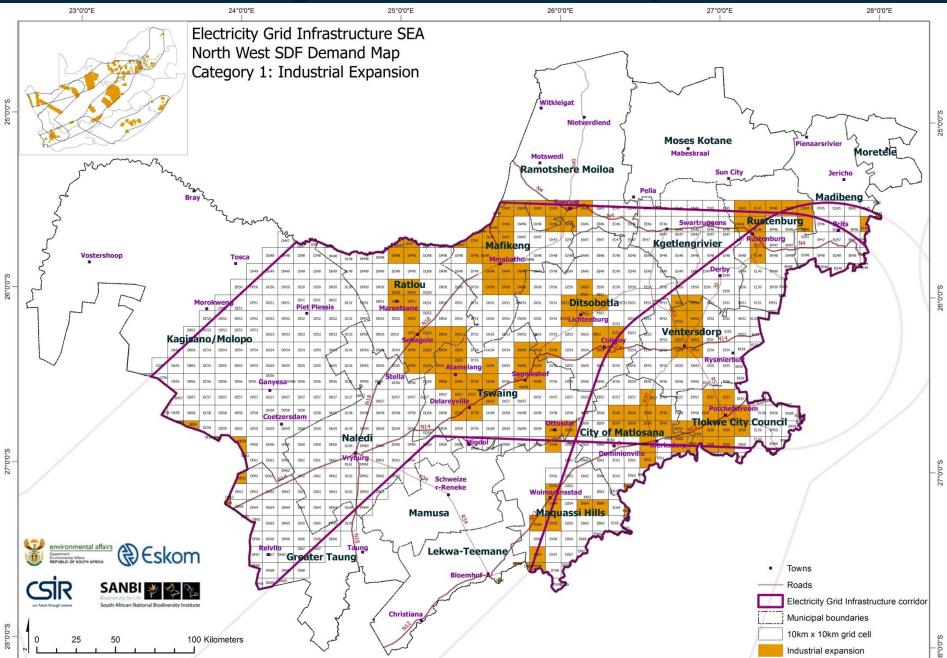
SEZs and IDZ's



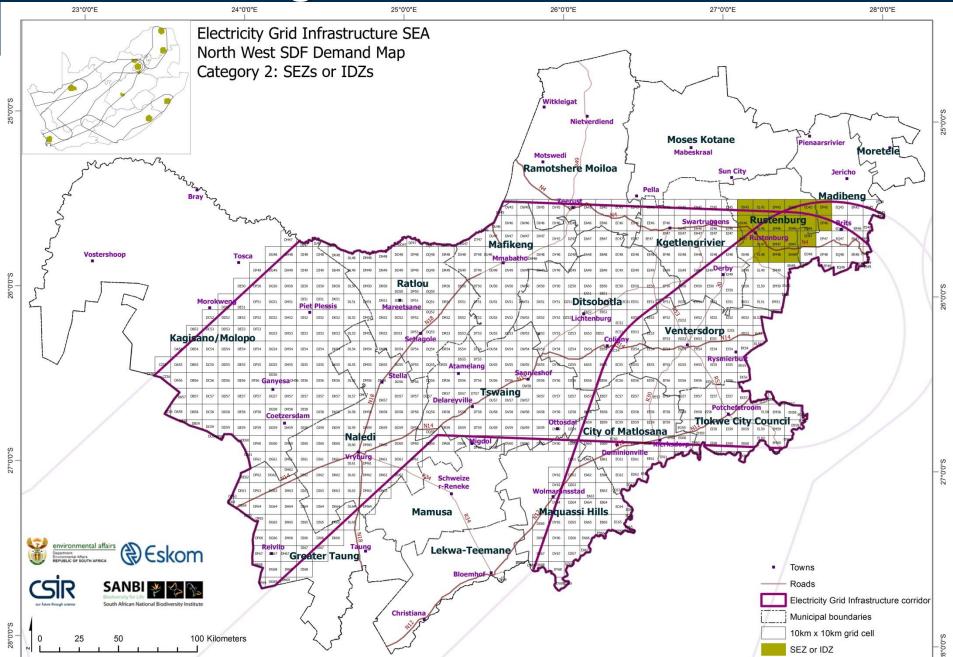
Priority mining areas



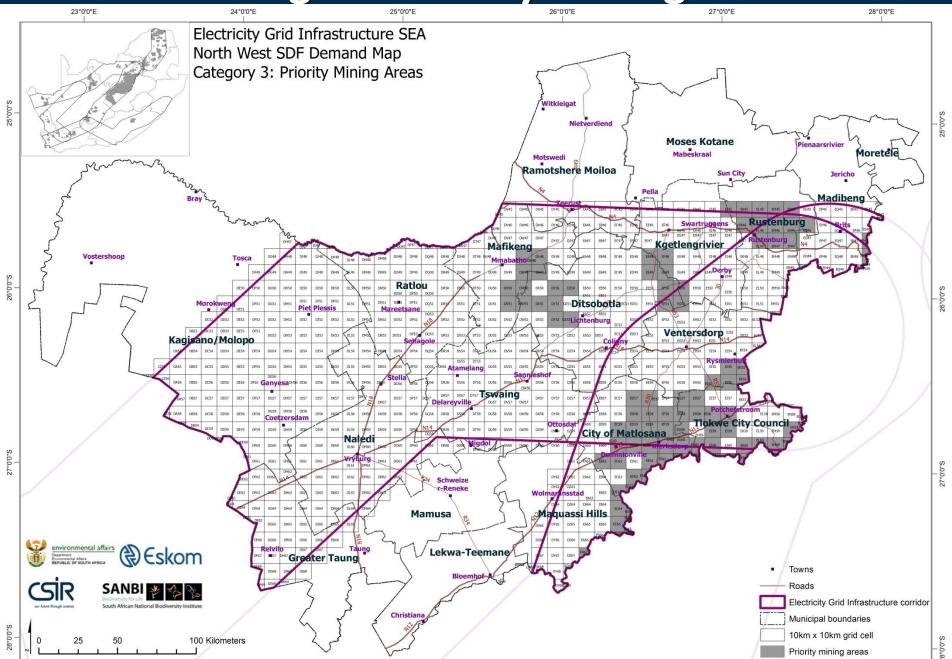
Conversion to grid: Industrial expansion



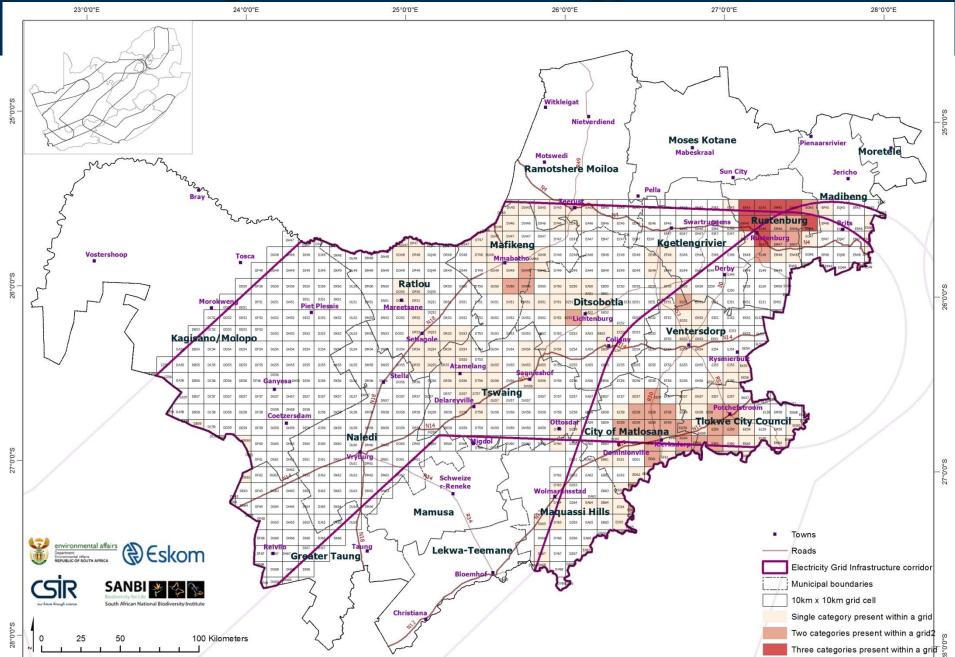
Conversion to grid: SEZs or IDZs



Conversion to grid: Priority mining



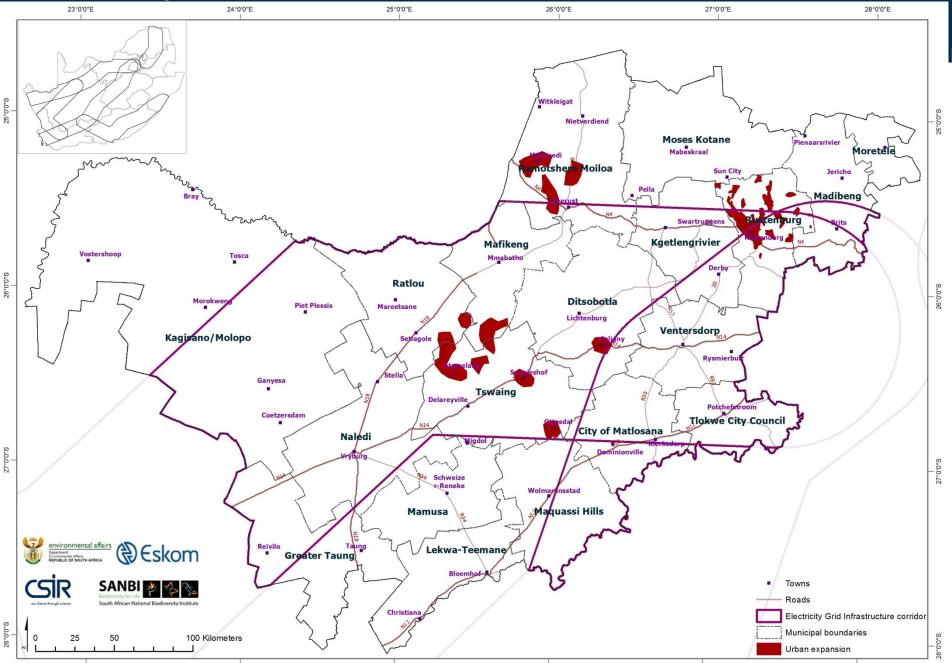
Combined grids for Bulk Energy Users



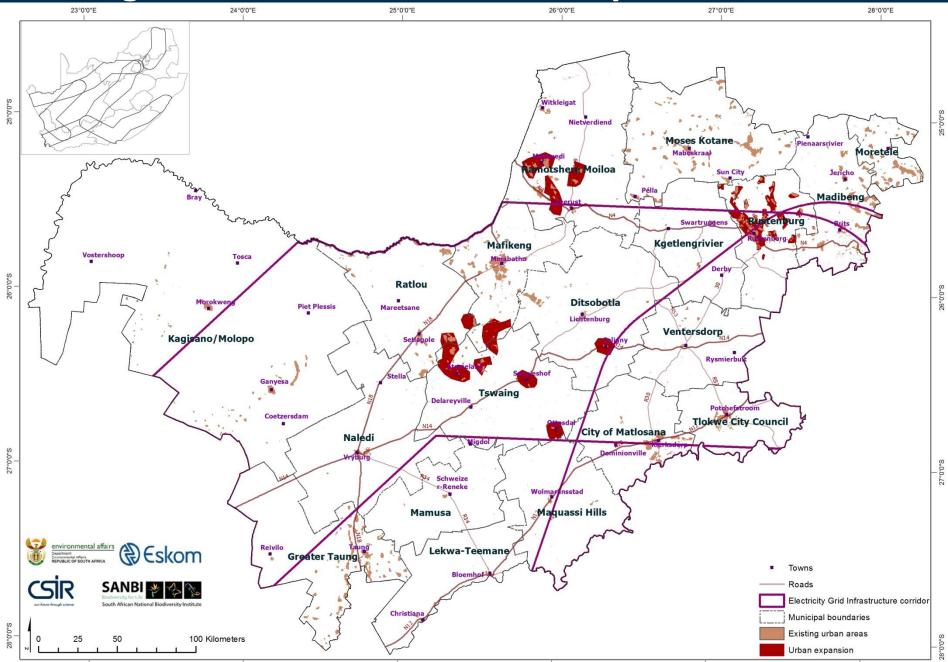
Additional Data Collected

No.	Planning category	Example in SDFs	Push/Pull
1	Urban expansion	New housing development, new shopping areas, new markets, new suburbs, existing/proposed mixed use areas	Push
2	Industrial expansion	Light industrial areas, heavy industrial areas- within urban edge	Pull
3	Industrial zone establishment	Areas outside the urban edge demarcated for special/strategic economic developments	Pull
4	Planned transportation routes	Proposed linkages; roads, taxi/train/bus stations; activity corridors	Push
5	Priority mining areas	Existing mining activity, proposed/potential mining activity	Pull
6	Priority agriculture areas	High potential agricultural areas; intensive/extensive agricultural areas; existing/proposed agricultural nodes;	Pull
7	Priority tourism nodes & landscapes	Existing/proposed game farms; conservancies; scenic routes, heritage areas; botanical gardens	push
8	Priority natural areas & open spaces	Municipal/Urban Open Space; Conservation Area; Parks, Recreation; CBA; ESA rivers; wetlands	Push/pull

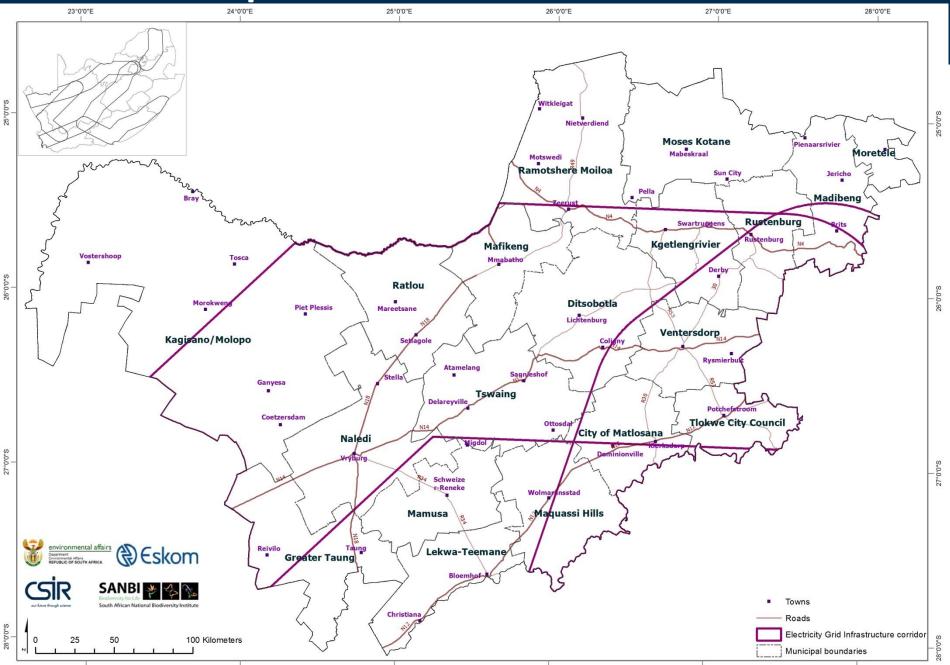
Urban expansion



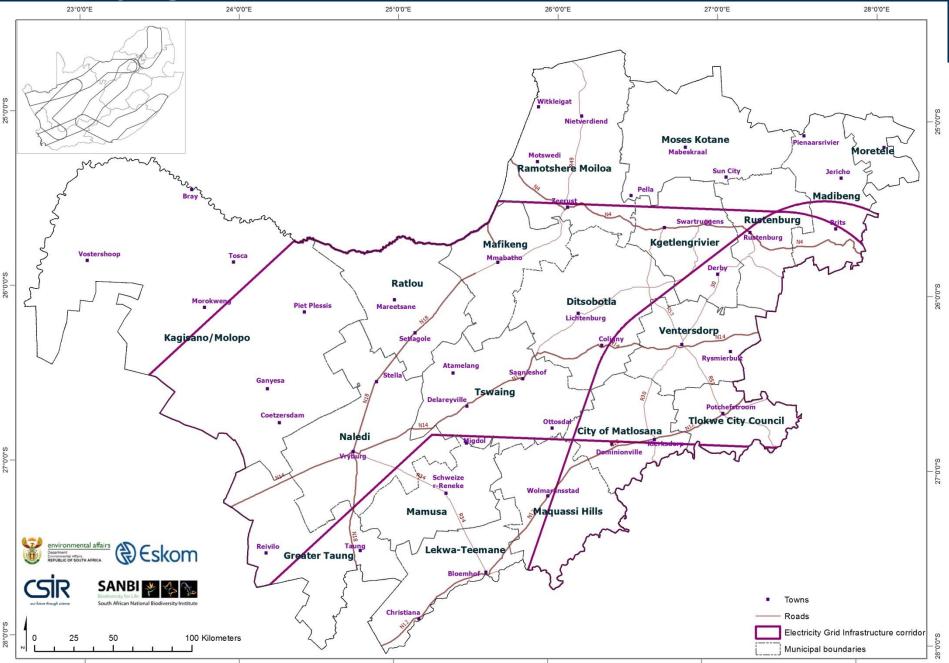
Existing Urban areas and Urban expansion



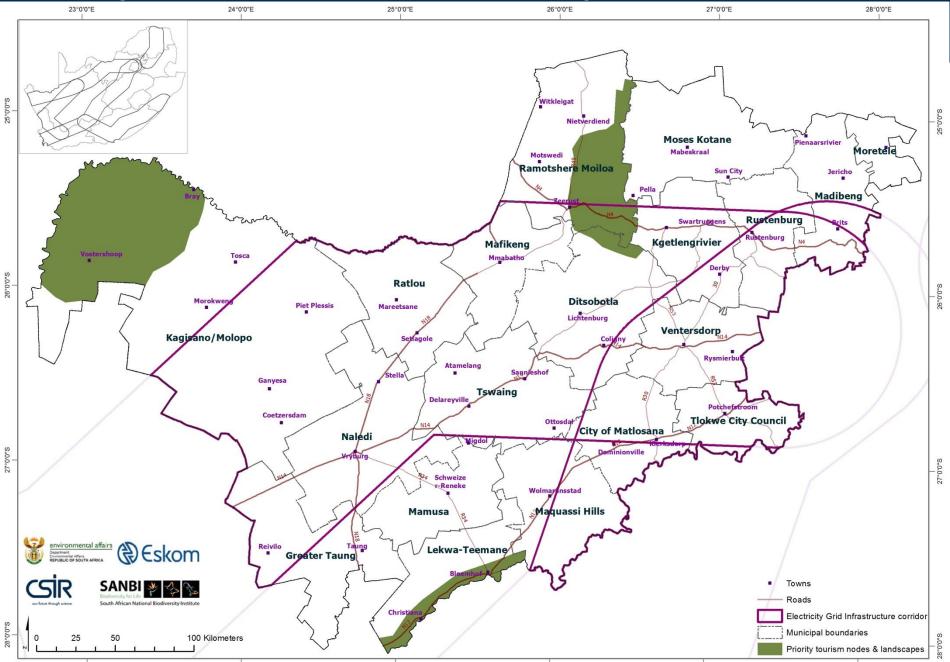
Planned transportation routes



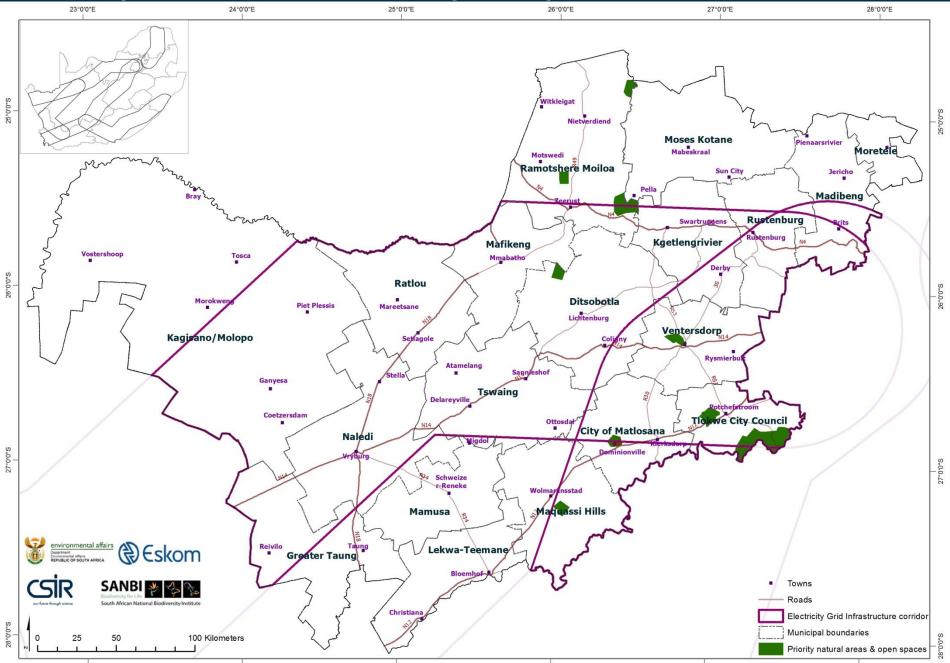
Priority agriculture areas



Priority tourism nodes & landscapes



Priority natural areas & open spaces



The information we were able to extract was useful for refining future demand

Ultimate use depends on feedback gathered during the consultation for refinement of the data









Questions and Discussion

















