



National Land Use Classification System

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Background on NLUC

- Both SPLUMA & the NDP call for standardised taxonomy, symbology and definitions for all land administration related matters.



Content of NLUC

- It will contain:
 - A comprehensive list of unique land use classes and features
 - Definitions
 - Symbology
 - A meta-language for land-use classification (LUC) driven by sector group (e.g. Eskom for energy etc.) and aggregated to appropriate national feature classes



Purpose of NLUC

- The NLUC will enhance the collection of standardised national spatial data
- It will allow for:
 - Integrated management of information on land tenure
 - Consistent national land uses
 - Provide consistent and standardised information for land developers and investors



Impact of NLUC

- It will replace all other land use classification systems that existed before it
- It will influence on:
 - National Spatial Development Framework
 - Provincial and Municipal SDFs
 - Land Use Schemes



How it will be updated

- DRDLR plans to create the Spatial Data and Land Administration Commission which will function like the Housing Development Agency and the National Planning Commission
- It will be an autonomous legal entity responsible for the management of large-scale spatial data needed for the effective updating of NLUC and all other spatial planning frameworks



How the Land Use Categories Currently Look

- Types of land uses:
 - Main Land Uses
 - Secondary Land Uses
 - Tertiary Land Uses
- Types of definitions:
 - Residential, commercial, industrial, entertainment, roads & transport



| Main Class | Secondary Class | Tertiary Class | Existing Definition | Possible Linkages to other |
|----------------------|-----------------|----------------|---|----------------------------|
| Mining and quarrying | Reconnaissance | Prospecting | Means intentionally searching for any mineral by means of any method: (a) which disturbs the surface or subsurface of the earth, including any portion of the earth that is under the sea or other water; (b) in or on any residue stockpile or residue deposit, in order to establish the existence of any mineral and to determine the extent and economic value thereof; or (c) in the sea or other water on land. | |
| | | Exploration | Re-processing of existing seismic data, acquisition and processing of new seismic data or any other related activity to define a trap to be tested by drilling, logging and testing, including extended well testing, of a well with the intention of locating a | |

| Main Class | Secondary Class | Tertiary Class | Existing Definition | Possible Linkages to other |
|----------------------|--------------------------------|-----------------------|---|----------------------------|
| Mining and quarrying | Active mining | Open-pit mining | Open-pit mining is a type of strip mining in which the ore deposit extends very deep in the ground, necessitating the removal of layer upon layer of overburden and ore. | |
| | | Placer mining | | |
| | | Underground mining | | |
| | | Mining infrastructure | | |
| | Ore extraction & beneficiation | Smelters | | Industrial |
| | | Refineries | | Industrial |
| | Disposal | Residue deposit | | |
| | | Residue stockpile | Means any debris, discard, tailings, slimes, screening, slurry, waste rock, foundry sand, beneficiation plant waste, ash or any other product derived from, and which is stockpiled, stored or accumulated for potential re-use, or which is disposed of, by the holder of mining right, mining permit or production right. | |
| | | Retention area | Means the area of land which comprises the | |

Current Engagements with NLUC

- DRDLR had a workshop in June 2013 regarding the inception of the NLUC
- There was another workshop in June 2014 with stakeholders to finalise some of the land use categories
- SANBI hosted a workshop in January 2015 with DRDLR and some of the conservation agencies to try to refine the conservation-related land use categories



Original Conservation Land Use Classes

| Main Class | Secondary Class | Tertiary Class | Source & Possible Definition | Possible Linkages to other |
|--------------|-----------------------|------------------------------------|---------------------------------|----------------------------|
| Conservation | Protected Areas | National Park | DEAs PACA database | |
| | | Nature Reserve | DEAs PACA database | |
| | | Special Nature Reserve | DEAs PACA database | |
| | | Forest Nature Reserve (NFA s8(1)) | DEAs PACA database | |
| | | Forest Wilderness Area (NFA s8(1)) | DEAs PACA database | |
| | | Specially Protected Forest Areas | DEAs PACA database | |
| | | Mountain Catchment Area | DEAs PACA database | |
| | | World heritage Site | DEAs PACA database | |
| | Protected Environment | DEAs PACA database | | |
| | Conservation Areas | Biosphere Reserve | DEA | |
| | | Stewardship Agreement | DEA/SANBI/Conservation agencies | |
| | | Botanical Garden | DEA/SANBI | |
| | | Peace parks | foundation/DEA | |
| | | Trans-Frontier Park | foundation/DEA | |