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South Africa

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## South African Context

- Legislation
- Water use tariffs
- Role players
- Process
- Challenges
- Way forward



## Legislation

- National Water Act, Act 36 of 1998
  - Chapter 4 and 12
  - Contract/authorisation to use government waterworks
- PFMA, 1999 (Act No. 1 of 1999) (as amended by Act No. 29 of 1999)
- NT Regulation 16
- NT Practice Note 11 of 2008/2009 Unsolicited Proposals
- Other

## Water use tariffs

### New hydropower plants with capacity less than 20MW (non consumptive use)

Hydropower plant integrated within DWA's infrastructure at the dam

- Fixed charge
  - R10.00 / kW per annum
- Variable charge
  - R0.01 / kWh

Hydropower plant developed downstream of DWA's infrastructure and downstream of the dam wall

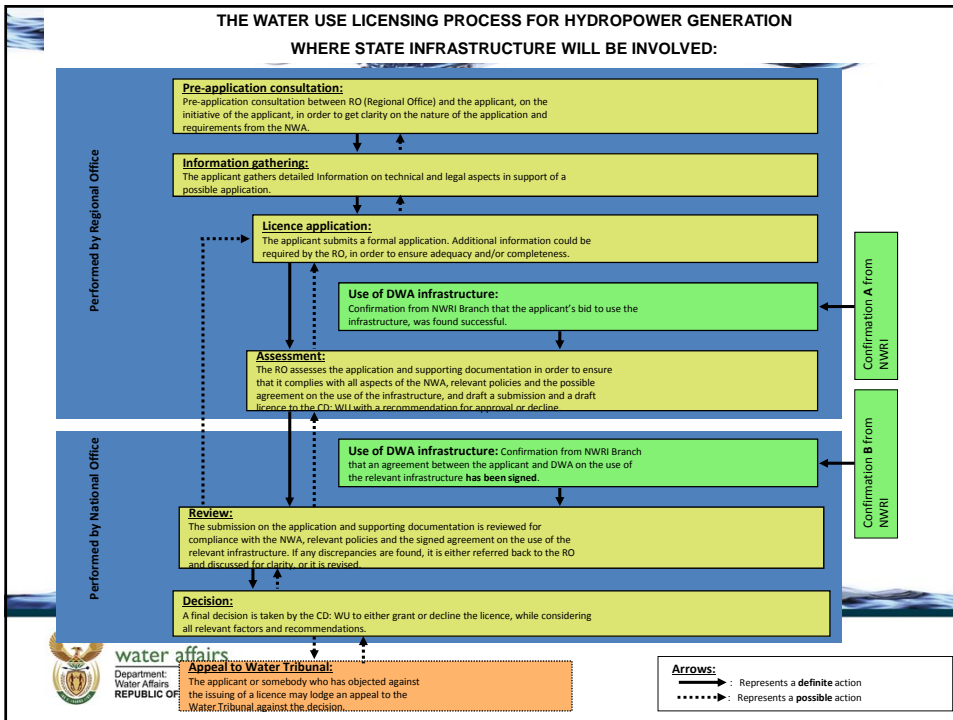
- Fixed charge
  - R5.00 / kW per annum
- Variable charge
  - R0.01 / kWh

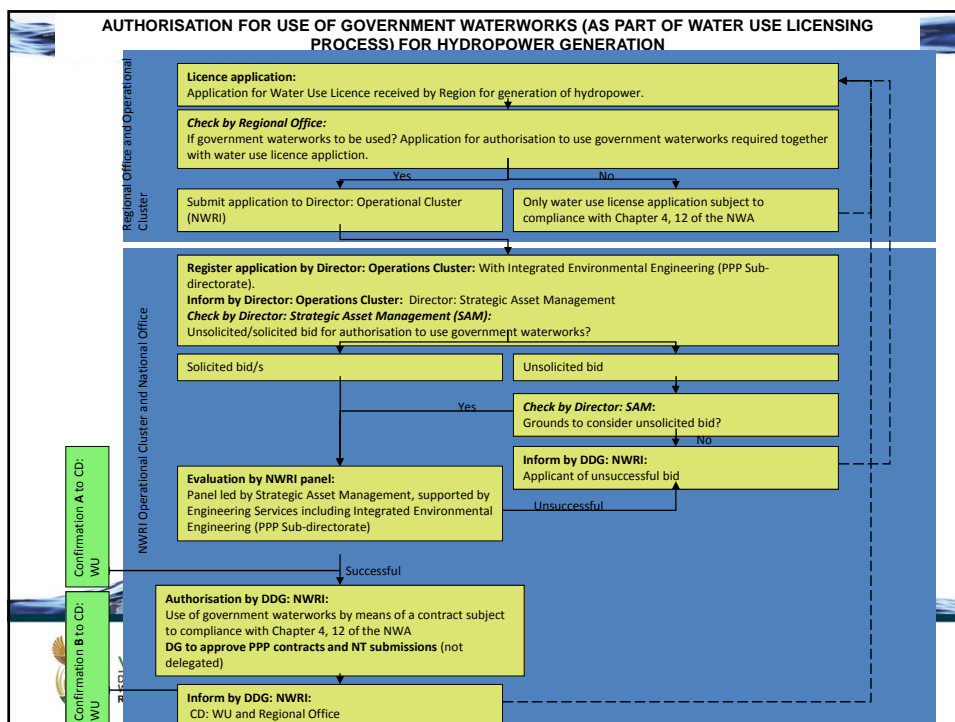
## Role players

- Department of Energy
  - Coordinating Committee
- Department of Water Affairs
- Department of Environmental Affairs
- NT
- NERSA
- Eskom
- CFE, IDC, IPP



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## Identification of possible sites

- Small hydropower plants
- Peak stations
- Base stations
- New infrastructure
- Existing infrastructure
- National water resources infrastructure
- Other infrastructure



### Some of the challenges

- Funding
- Site selection
- Prioritisation
- Sustainability
- Operating rules
- Access
- Contract/Authorisation to use government waterworks



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 PPP process

### Way forward

- Cooperative governance
- Workshops
- Process
- Transactional Advisors
- Funding
- Feasibility studies
- PPP and/or implementing agents



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**Thank You**



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