













## Cabinet's instruction: Parallel measures for AMD mitigation (1)

## Ingress control

- Concept aimed at preventing surface water leakage to mine void implies reduced volume of AMD formed
   translates into lower pumping and treatment costs
- · Regulators approved pit deposition in Western Basin to seal open pits
- Florida Lake-Fleurhof Dam Canal in Central Basin stream leak into mine void eradicated
- Three similar canals proposed for Central Basin (pending RoD from DEA)
- Studies underway in Eastern Basin to identify ingress hotspots with proposed solutions
- WC/WDM programme with municipalities to decrease water loss from reticulation systems
- 2. "Polluter pays" principle (NWA Section 19/20 cost recovery)
  - Wits AMD legacy arose due to >120 years mining in the region
  - As far as is practically possible, relevant mines to be identified and legislation invoked so that these mines
    are held accountable for environmental liabilities ascribed to their operations

## 3. Environmental Levy

- · Discussions convened with National Treasury on proposed levy on existing mines
- Potential revenue stream to offset costs incurred by Government
- Engagement with stakeholders on proposed levy planned for 2015
- Pending approval of Tax Policy Unit, levy could be implemented in the 2016/2017 fiscal year
- If invoked, implication is that mining sector is contributing to AMD mitigation costs



32



































