

# NEDBANK-NBF NETWORKING FORUM ON WATER SUSTAINABILITY

## INFORMATION PAGE

- Mine impacted water treatment challenges include:
  - High concentration of toxic contaminants
  - Various feed sources
  - Aveng also presented some of the water treatment products used in some of their projects

### Robert Konig, Matter Industries – Disruptive Technologies

- Matter Industries looks at bulk water transfer costs among other things
- Use of the internet of things to establish where water losses take place along the water pipeline infrastructure
- The technology is able to monitor real-time view of the pipeline

### Andre Kruger, NEPAD Foundation – Public Private Partnership

- There are global economic losses due to water insecurity
- There are water infrastructure finance constraints - not enough is invested in water
- Public-Private Partnerships (PPP) provide alternative procurement option as they do not solve all the problems
- The African water infrastructure needs approximately US\$150 billion per annum
- Over the period 2012 - 2016, water only received 17% of infrastructure commitments
- Challenges include
  - Insufficient long term capital planning
  - Tariff setting

