Summary of case studies

Case study A: Kusasalethu compressed air network

* System modelling using site analysis from layouts, available instrumentation and level audits
* Mining setup
* Dealing with unavailable data
* Refuge bay optimisation and station isolation simulations
* Periodic simulation (weekly)
  + Show setup and process
  + Determining typical behaviour
  + Periodic comparisons
* Savings
  + Physical test results
  + Previous projects
* Calibration of simulation
* Resource costs in terms of ECSA

Case study B: Tshepong compressed air network