

# FINANCIAL INSIGHTS, OPPORTUNITIES; IMPACTS & RETURNS

## Water Stewardship

Turkish Proverb:

**“When one man drinks water while another can only watch: Doomsday follows.”**

**Water has always been a sensitive issue**

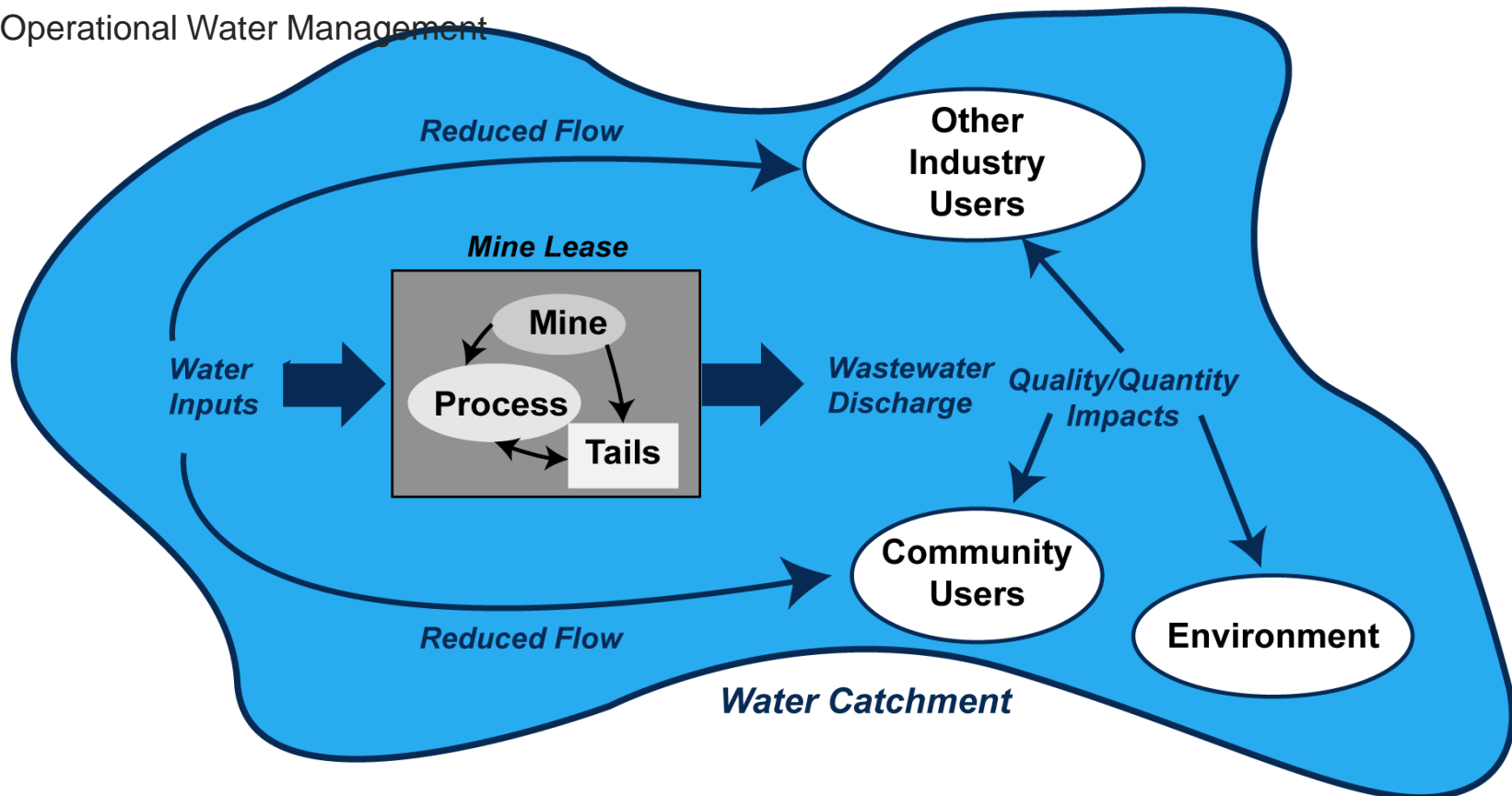
# WHAT'S IN IT FOR STAKEHOLDERS, SHAREHOLDERS, INVESTORS, REGULATORS AND BIG COMPANIES – CEO'S

- Mining Sector water outlook:
  - More than half of mining investment over the next decade will be in high to extreme water-scarce areas
  - Water consumption is increasing at 5%+ annually
  - Water management CapEx is 10-15% of total mining spend, or \$11-17 Billion pa\*
  - Social licence – water provision / discharge / water quality management
  - Climate Adaptation
- Anglo American:
  - Water is an asset, not liability
  - Decrease / eliminate water withdrawal
  - Minimize / eliminate wastewater discharge
  - Maximize basin-wide, community-wide programs
  - Risk-based water management is necessary

## TWO TYPES OF METRICS WITHIN THE VCP: (1) MINE SITE WATER USE, AND (2) STATE OF SURROUNDING WATER SYSTEMS

Regional / catchment scale water management – environmental risk and water security risks are external to our boundaries

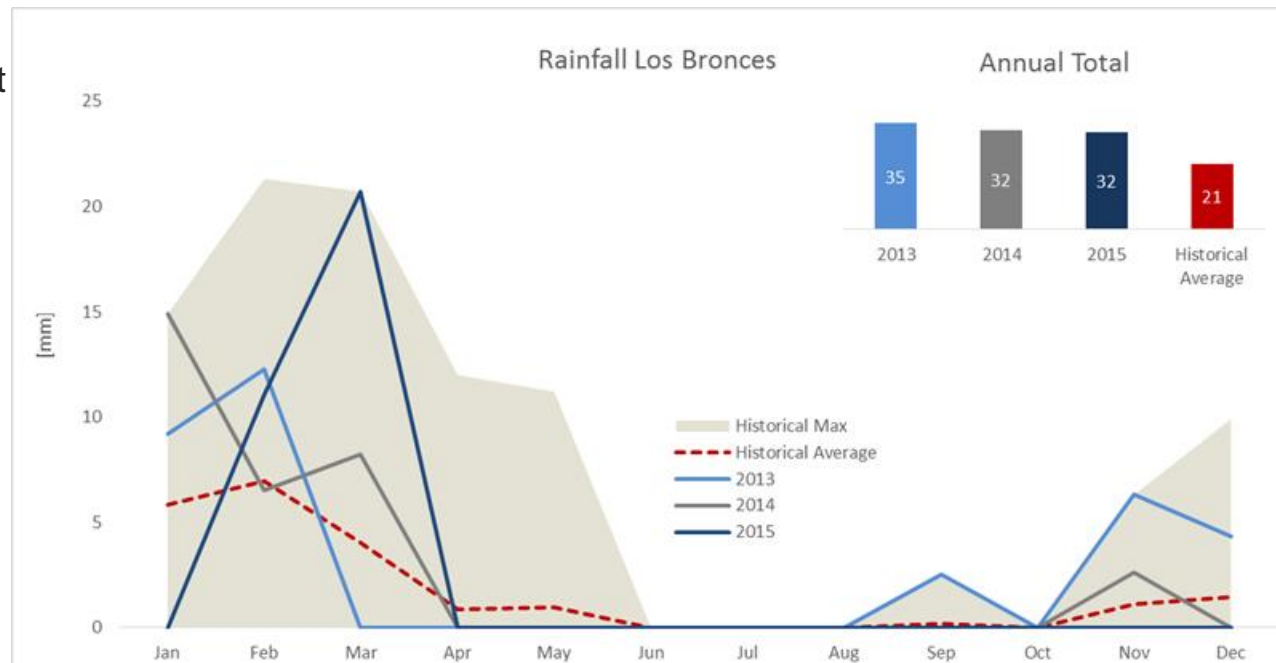
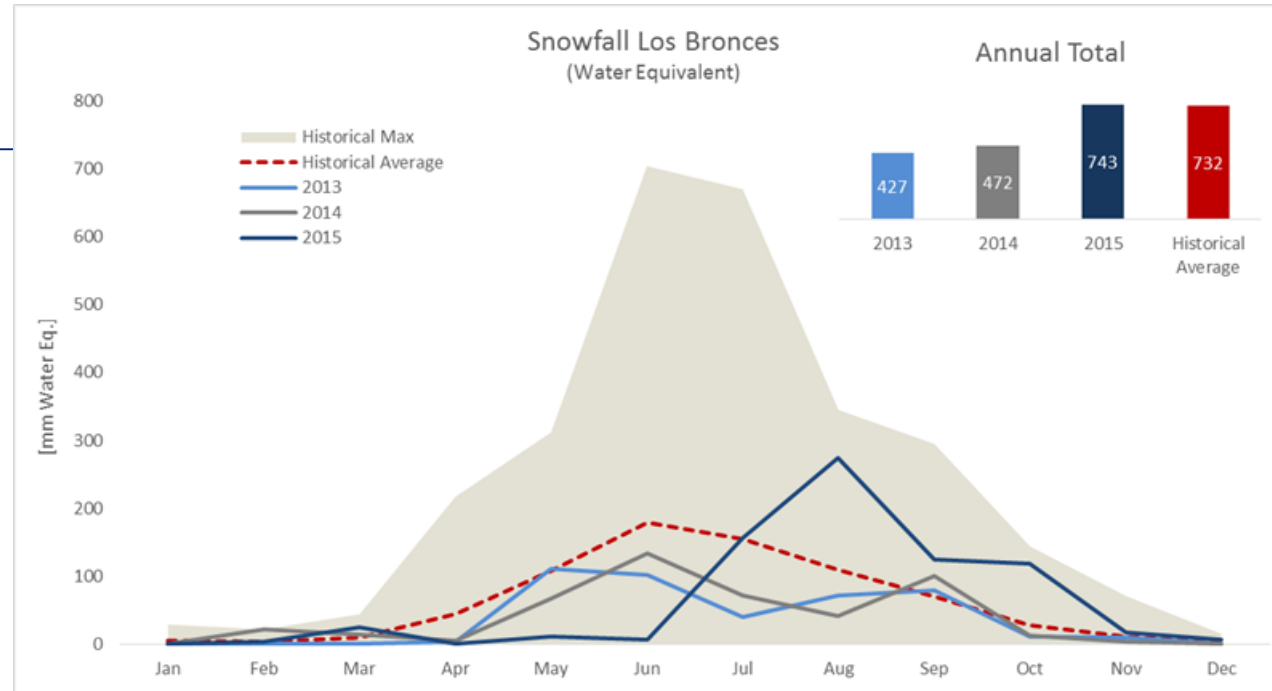
- Water Balance – Inform risk-based water management for varying climatic conditions, KPIs
- Integrate with business plan to ensure capital project stage gate approvals
- Innovation – Efficiency Projects to improve recycling and re-use, reduce water consumption, increase water intensity
- Operational Water Management



# CLIMATE

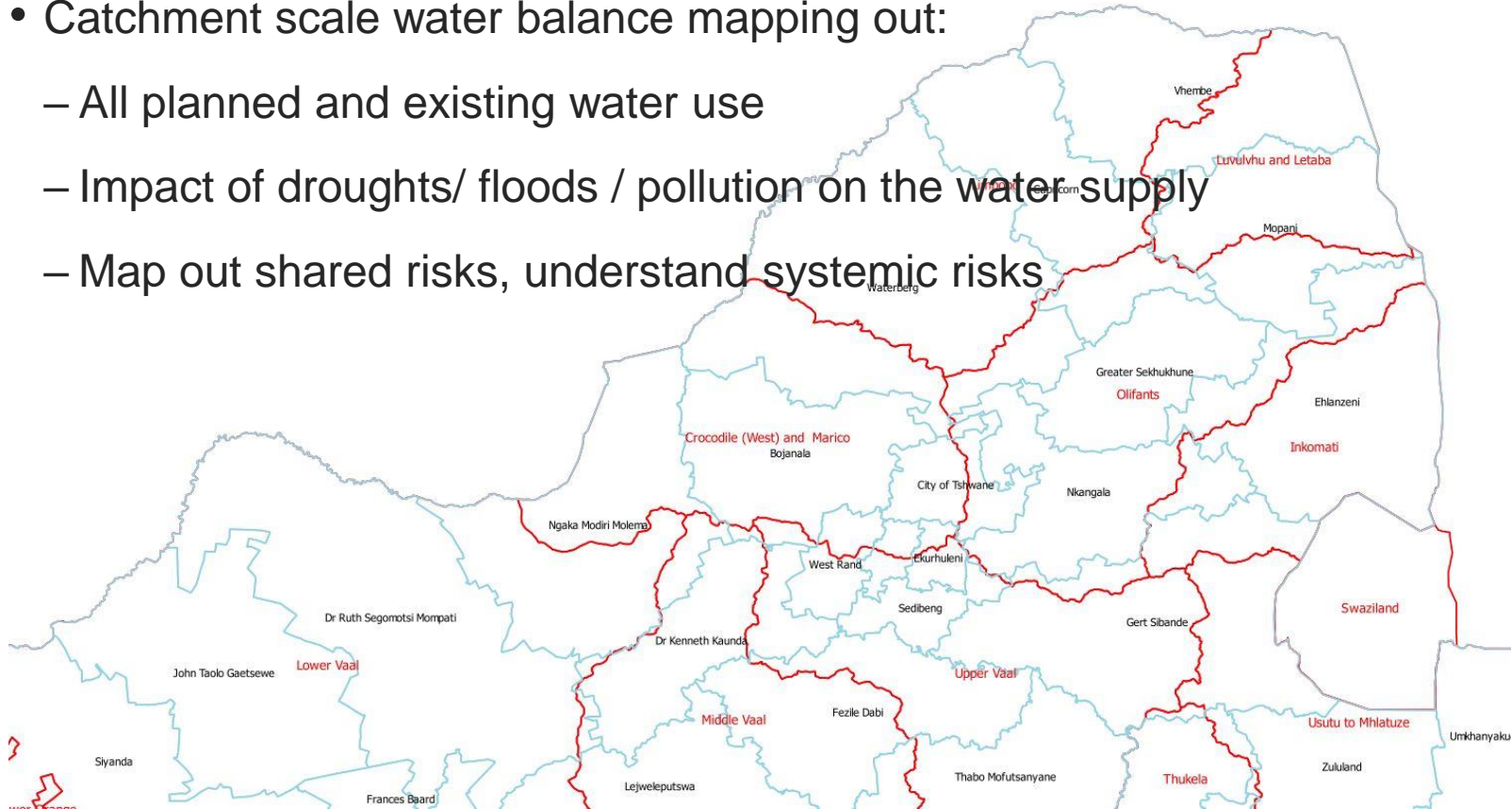
- Climate Change is happening
- How do we respond
- Climate adaptation
- Highly variable floods / Drought
- Snowfall – river water
- Rainfall, need storage
- Higher temperatures faster melt
- What is implications:
  - Infrastructure
  - Pollution control
  - Water security
  - Operational water management

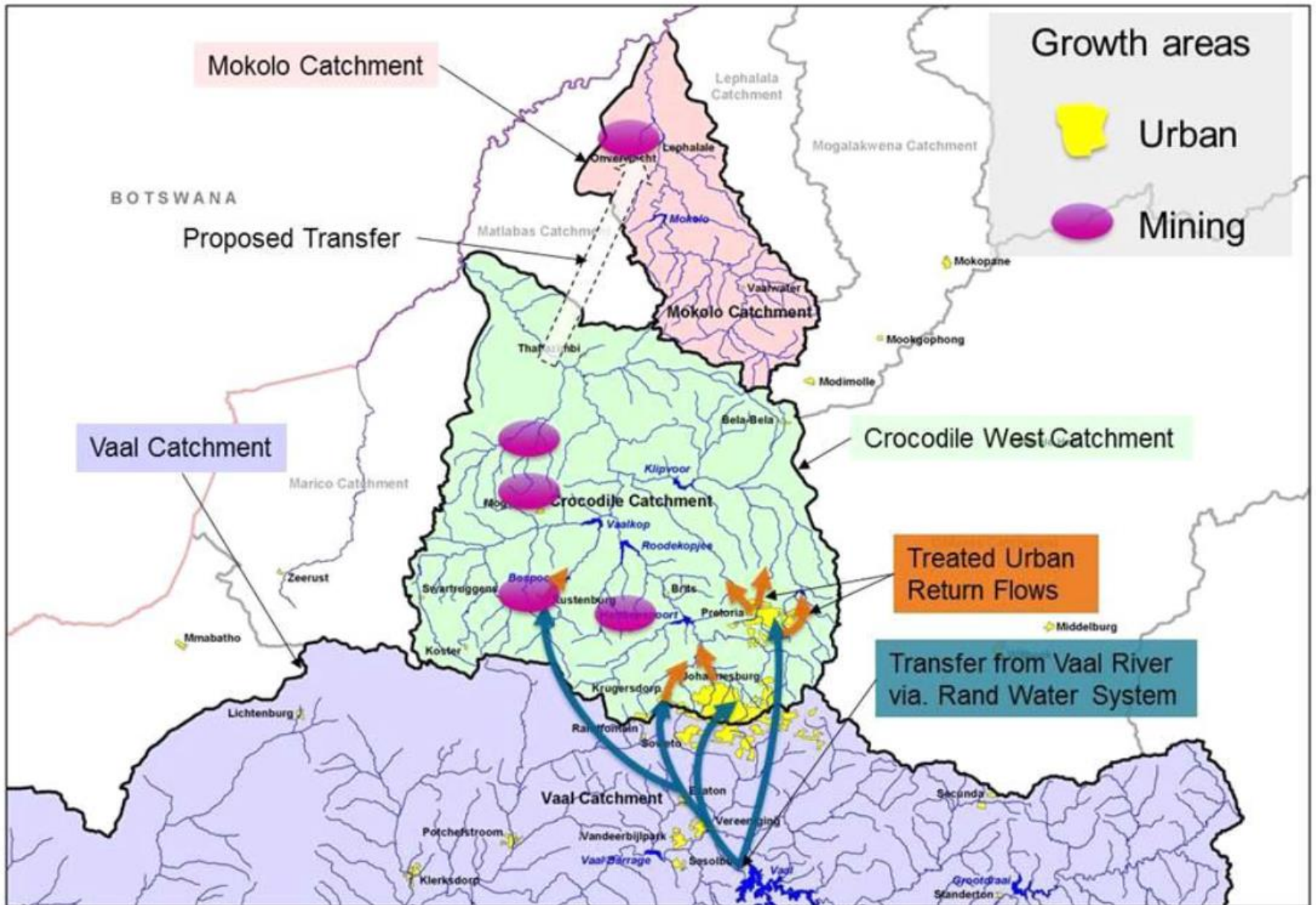
Storm water  
Dewatering  
Storage



# WATER MANAGEMENT – CATCHMENT AREAS

- Catchment scale water balance mapping out:
  - All planned and existing water use
  - Impact of droughts/ floods / pollution on the water supply
  - Map out shared risks, understand systemic risks





**THANK YOU**