

*policy engagement and collective action in south africa:
the sasol experience*

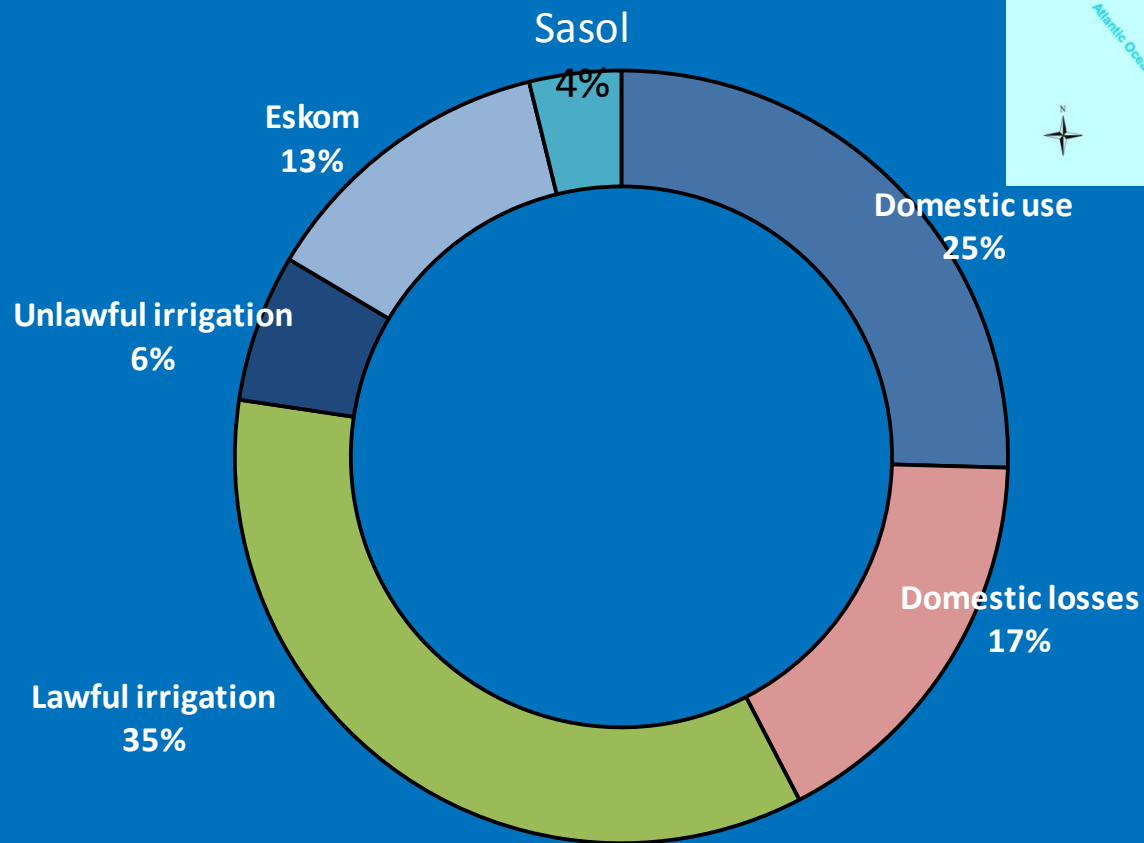
sasol's need for water in South Africa

used primarily to regulate temperatures
and generate steam

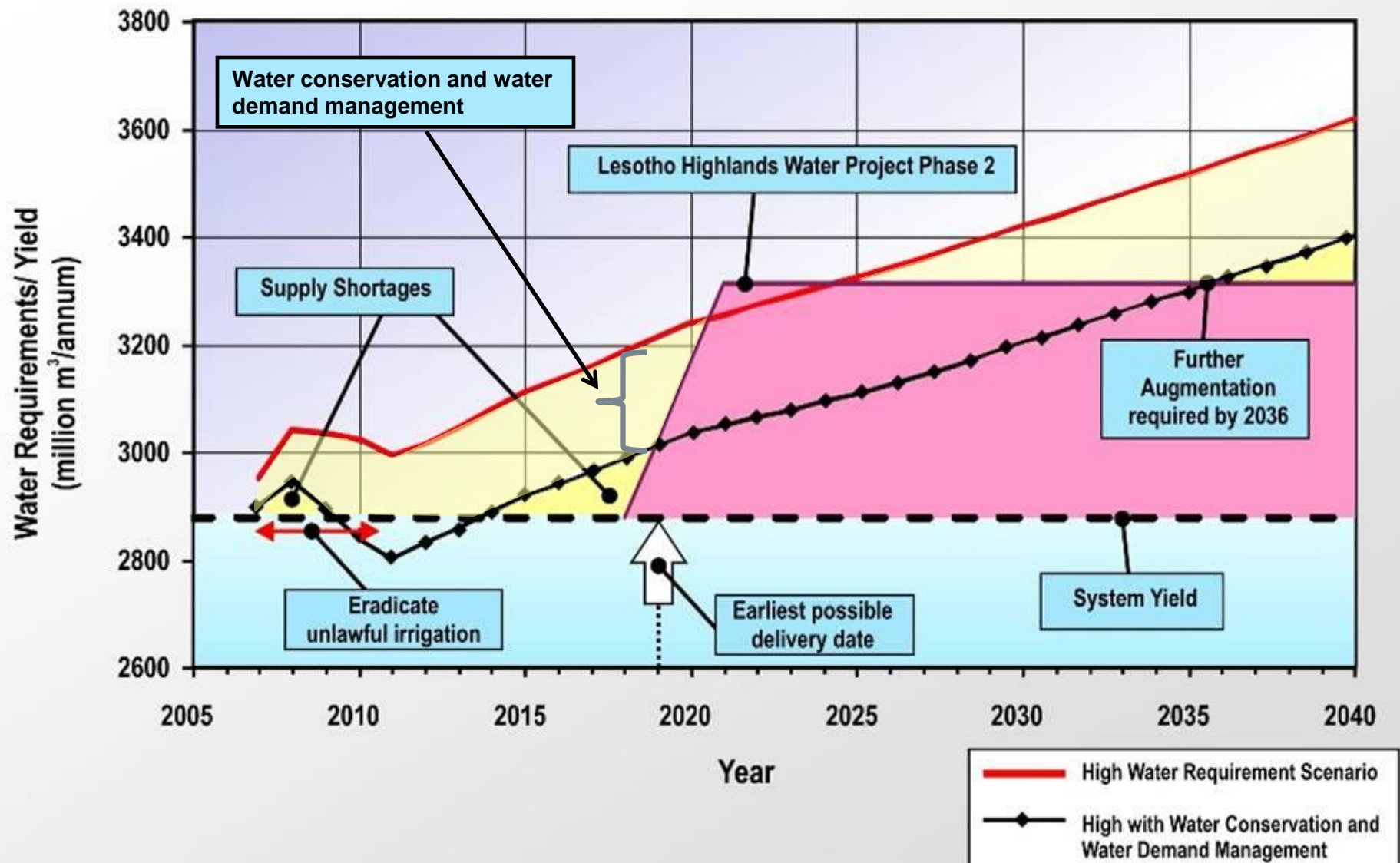
- required at a high assurance of supply
- water is sourced from the inland vaal river system



vaal system water demand per sector (total demand 2900 million m³/annum)



Source: DWA Vaal System annual operating analyses



reducing municipal water losses presents a typical opportunity for private sector involvement

Municipality	Non-revenue water %	Volume mil.m ³ /a
City of Johannesburg	38	192
City of Tswane (Pretoria)	27	70
Ekurhuleni (East Rand)	39	123
Emfuleni (Vaal Triangle)	52	42
Total		427
Total Sasol and Eskom water use		480

Source: DWA Vaal River Strategy Steering Committee



typical focus areas



linking water stewardship action with disclosure practice



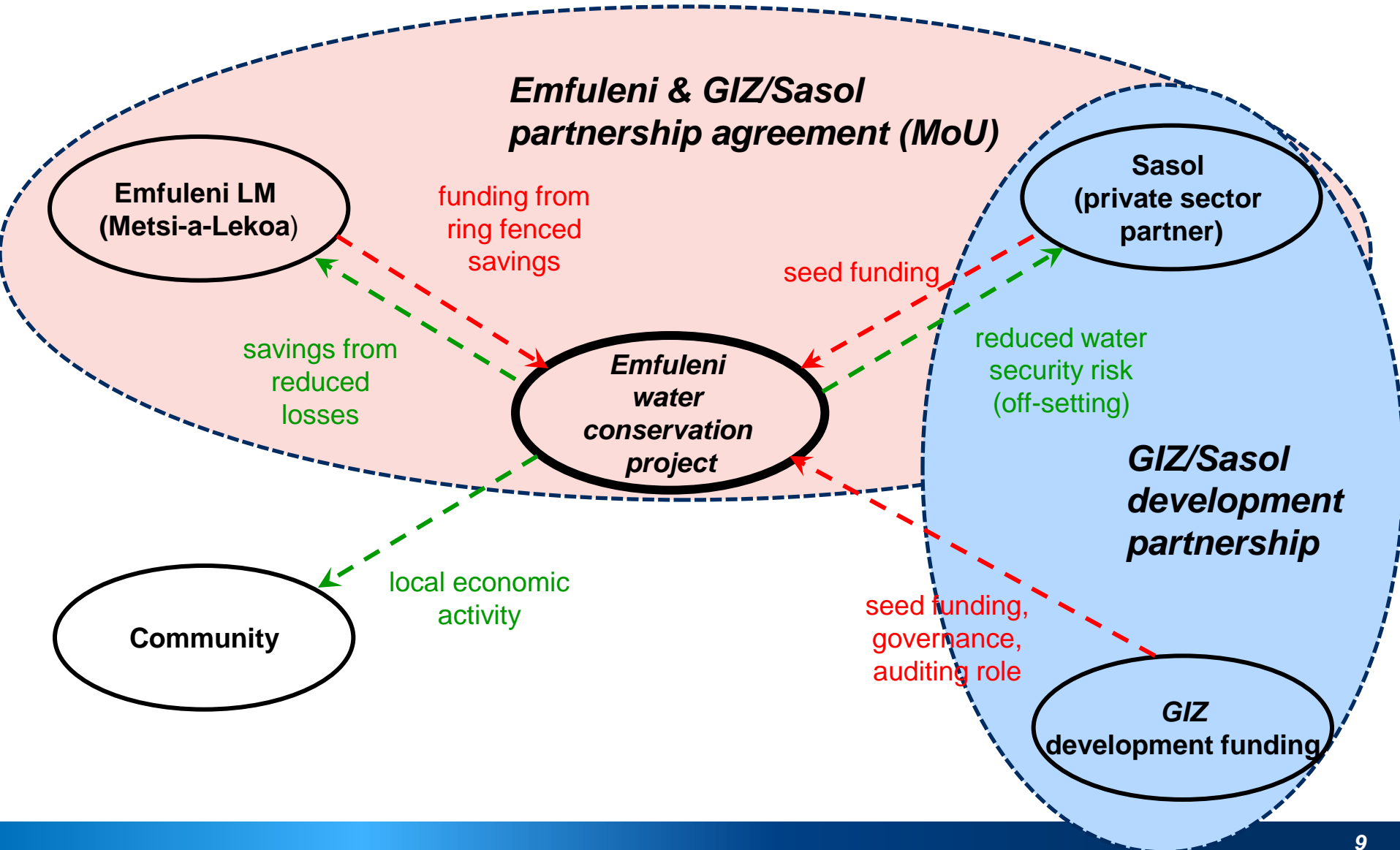


water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA



development partnership model



set measurable targets and timeframes

- establish baseline water use upfront
- agree on auditing processes
- set target: 15% saving in project areas by end 2014
- support performance based contracting



include sustainability initiatives

do not only focus on physical interventions

skills development

- municipality / ward counsellors
- water warriors / plumbers

influence consumer behaviour through knowledge

- water conservation awareness campaigns
- develop learning toolbox for water education in schools

other influencing strategies

- functional water meters (awareness)
- appropriate rate recovery mechanisms (leverage)
- enforcement of Municipal bylaws (legalities)



- assurance of water supply is critical for Sasol
- private sector's response to shared water risks can be enhanced
- a national water off-setting policy could support several of the objectives of the National Department of Water Affairs:
 - › incentivize private sector water users to invest in addressing shared water risks
 - › achieve more cost effective water savings and quality improvements
 - › maintain assurance of supply to existing users by making water available for growth, historically disadvantaged, small scale users

together we can achieve more