



# South Africa



## GROSS DOMESTIC PRODUCT

GDP \$ 384 312 674 445.53

\$ = \$ 10 Billion

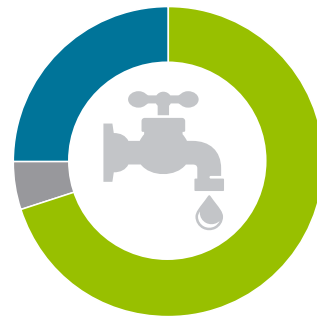


## CONTRIBUTION TO GDP



- 2% Agriculture Value added to GDP (%)
- 28% Industry Value added to GDP (%)
- 70% Services Value added to GDP (%)

## WATER WITHDRAWAL PER SECTOR



- 70% Agriculture
- 5% Industry
- 25% Urban

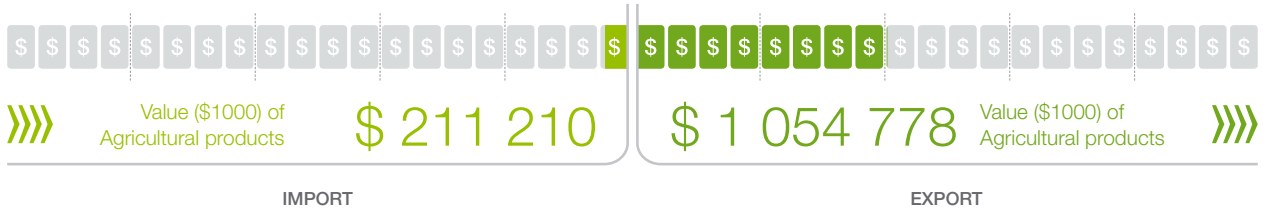
## TOTAL AGRICULTURAL IMPORTS AND EXPORTS

\$ = \$ 250 000 000



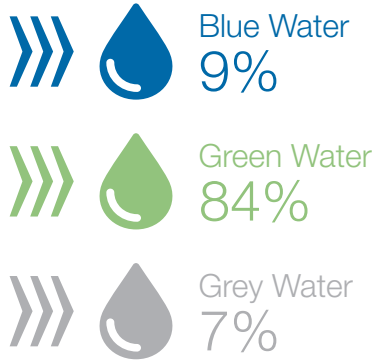
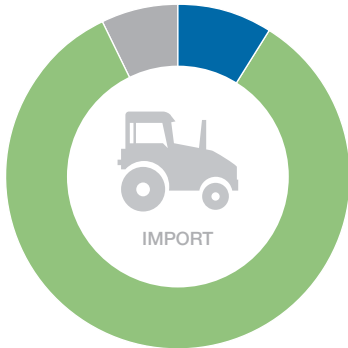
## IMPORTS AND EXPORTS WITHIN SADC

\$ = \$ 250 000 000





WATER FOOTPRINT OF AGRICULTURAL PRODUCTS - IMPORT



WATER FOOTPRINT

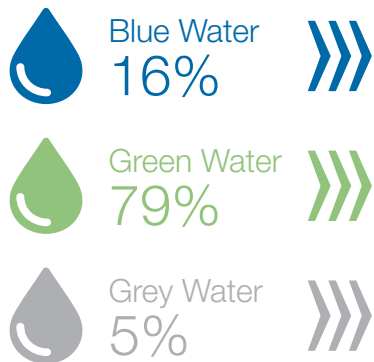


931 m<sup>3</sup>  
per person per annum

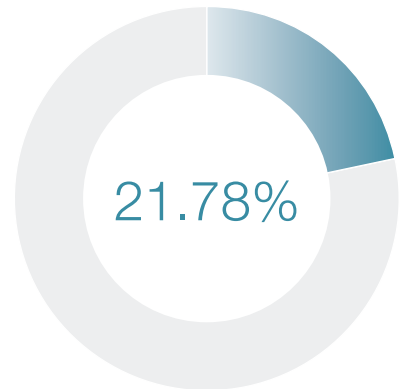
= 125 m<sup>3</sup>



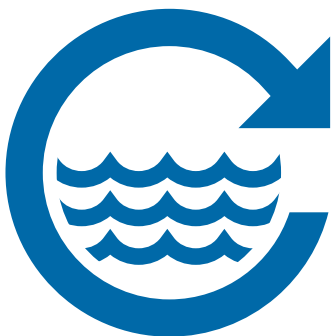
WATER FOOTPRINT OF AGRICULTURAL PRODUCTS - EXPORT



WATER FOOTPRINT - IMPORTED



RENEWABLE WATER



Per Person

869 m<sup>3</sup>

= 1 000 m<sup>3</sup>



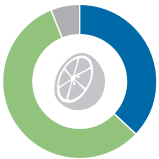
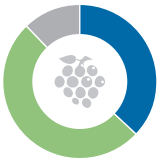
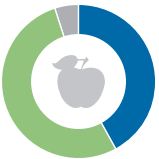

SADC Ranking: Renewable Water per person

12<sup>th</sup>

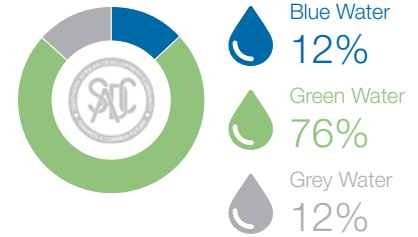
= Position



## MAJOR AGRICULTURAL EXPORTS

Citrus	Grapes	Apples	Wine
Tonnage			
1 564 914	288 841	570 907	412 846
Earning (million \$)			
\$ 901,9	\$ 498	\$ 476.6	\$ 730.3
Virtual Water Content (%)			
 <p>Blue Water 37%</p> <p>Green Water 57%</p> <p>Grey Water 6%</p>	 <p>Blue Water 37%</p> <p>Green Water 51%</p> <p>Grey Water 12%</p>	 <p>Blue Water 42%</p> <p>Green Water 53%</p> <p>Grey Water 5%</p>	 <p>Blue Water 37%</p> <p>Green Water 51%</p> <p>Grey Water 12%</p>

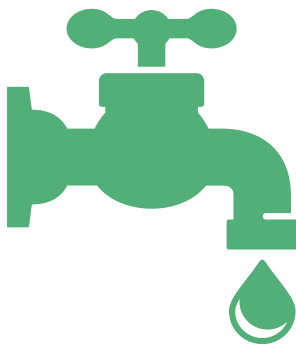
## SADC WATER FOOTPRINT OF IMPORTS



## DAM STORAGE/CAPACITY



## WATER WITHDRAWALS



SADC Ranking: Water Withdrawal per person 3<sup>rd</sup>



# Climate Resilient Infrastructure Development Facility (CRIDF)

## GINI INDEX

Gini 60.85

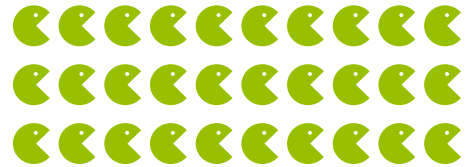


## CALORIE CONSUMPTION

3 000 caloric intake per person per day



 = 100 calories



## HUMAN DEVELOPMENT INDEX (HDI)

HDI 0.63



## HAPPY PLANET INDEX

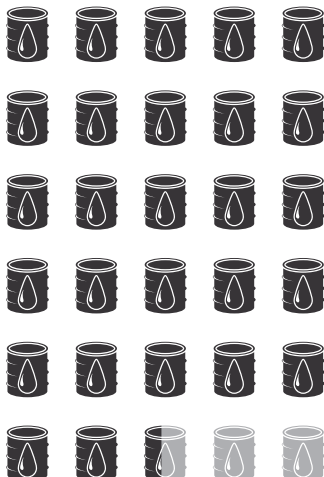
28.19



## ENERGY USE

 2 740.85 kg  
oil equivalent per capita

 = 100 kg



## CO<sub>2</sub> EMISSIONS

9.04 metric tons per capita



 = 1 metric ton



## CLIMATE VULNERABILITY INDEX

0.37



 = 0.01

