

# POLIHALI DAM

## LOCATION

The dam is planned for construction just downstream of the confluence of the Khubelu and Senqu rivers in Lesotho.

## DESCRIPTION

The Lesotho Highlands Water Project (LHWP) Phase II includes the construction of a 165 m<sup>3</sup> capacity dam at Polihali, in the Mokhotlong District. This new dam will consist of a 145-m-high dam wall. Polihali Dam will be connected to Katse Dam via a transfer tunnel. Water transferred from Polihali to Katse will contribute to the bulk transfer of water to the Vaal River basin via the Ash River. Construction is expected to start in 2014, with water transfer estimated to begin in 2020.

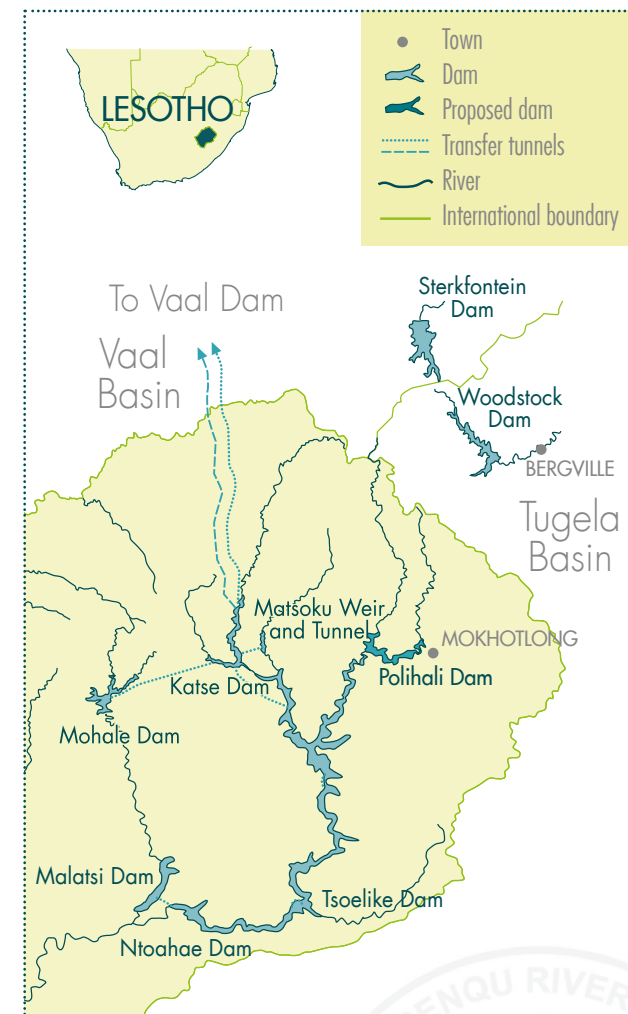
## PURPOSE

The Muela Hydropower Station in Butha-Buthe may be expanded to generate more electricity for Lesotho and South Africa as well as water supply to South Africa. Muela Hydropower Station's electricity generating capacity will be increased from the current 72 MW. Polihali Dam is expected to be completed in 2020.

## PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m <sup>3</sup> )	FSA (km <sup>2</sup> )	Owner	Wall height (m)	Wall length (m)
Polihali	Khubelu/Senqu	Unknown	2,200	Unknown	Lesotho	165	Unknown

\* Live full supply capacity ([www.savingwater.co.za](http://www.savingwater.co.za))



The site of the proposed Polihali Dam