

# Lesotho



**Name:** Lesotho Tunnelling Association (LTA)

**Type of Structure:** Non-profit, open association

## CURRENT TUNNELLING ACTIVITIES

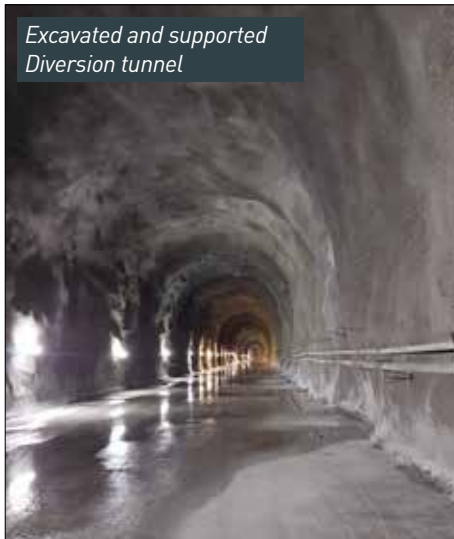
### Polihali Diversion Tunnels

- 7 and 9m dia. tunnels approx. 960m (each) in length. Two intake and outlet reinforced concrete structures.
- Method of excavation is drill and blast with sequential shotcrete rock support.
- Construction started in April 2019 and completed in November 2021.

## FUTURE TUNNELLING ACTIVITIES

### Polihali Transfer Tunnel

- 38km of 5m dia. TBM tunnel (with drill and blast access adits and two shafts)
- Still at the tender stage
- Construction anticipated to start Middle of 2022



*Excavated and supported  
Diversion tunnel*

## STATISTICS

### 1. Length of tunnels excavated during 2021

Two Polihali Diversion Tunnels (Drill and Blast) Approx. length is 1920m and Approx. Volume is 96,000m<sup>3</sup>

### 2. Amount (USD or EUR) of tunnelling/ underground space facilities awarded in 2021

LSL520M at Tender (Polihali Diversion Tunnels)

### 3. List of tunnels completed

Lesotho Highlands Water Project (Phase II) - Polihali Diversion Tunnels

### 4. List of tunnels under construction

Lesotho Highlands Water Project (Phase II) – 38Km Polihali transfer tunnels under tender stage.