



MOBILE FOR  
**HUMANITARIAN**  
INNOVATION

**ROUND 1**  
DISASTER  
RESPONSE

## Lumkani Fire Detection & Insurance



**Lead**

Lumkani



**Partners**

Hollard Insurance



**Country**

South Africa



Islamic Relief  
South Africa

### HOW IT WORKS



Lumkani system assists vulnerable communities in South Africa's informal settlements to mitigate the loss of life and livelihoods due to shack fires.

IOT fire prevention devices provide:



Autonomous,  
real-time  
monitoring



2 way-SMS  
alerts to  
residents



Verification  
of fire



Users can easily insure their homes against damage or loss from fire to rebuild during times of crisis.

### IMPACT

Reduce increasing poverty due to shack fires.



Allow users to rebuild lives and restore their dignity quickly.



The GSMA Mobile for Humanitarian Innovation Fund promotes innovation in the use of mobile technology to address humanitarian challenges.

Visit  
[www.gsma.com/m4hinnovationfund](http://www.gsma.com/m4hinnovationfund)  
to learn more

