



## SHOWCASING OUR ENTERPRISES

### EUPHROSYNE

Euphrosyne manufactures lump wood charcoal from alien invasive trees. They operate in UMkhanyakude district in KwaZulu-Natal which has been battling with water scarcity for a prolonged period of time. One of the major causes of water scarcity in their region has been alien trees such as the Lantana, Chromolina, and Black Locust which consumes a great deal of water and threatens the water supply. Euphrosyne engages local businesses that solely survive on felling indigenous trees, and help them understand the difference between invasive and indigenous species. They educate them on how felling indigenous trees impacts water scarcity and are advised to re-channel their effort into removing alien trees. This helps curb deforestation.



#### Environmental Impact



- Restoration of natural ecosystems and rehabilitates grazing lands
- Increases groundwater potential
- 520 tonnes of biomass removed

#### Social Impact



Partnered with Wildlands Trust and Umkhuze to produce biomass and clear invasive species respectively, and facilitate educational programmes on biodiversity rehabilitation in communities.

#### Economic Impact



- 9 full time and 6 part time jobs opportunities created
- 600 tonnes of biochar produced till date
- 520 tonnes of biochar sold till date



### ITHAFA SPRING WATER

Ithafa Spring Water is a water purification enterprise that collects water from a natural spring and purifies it by using green technology, to provide safe drinking water to their community in Estcourt as well as to tourism entities in the Drakensberg area. The water is purified using a two-stage filtration process i.e. utilising a nano-fiber membrane, and an active carbon block made from locally sourced macadamia nut shells.

#### Environmental Impact



- Uses a green technology water purification system
- Uses eco-friendly packaging and a solar system to electrify the water kiosk

#### Social Impact



Provision of a total of 1400 litres of clean water per day to 7 households (total of 60 people) who did not have access to clean water for more than 30 years. The community walked 2 km to collect water from a natural spring until Ithafa made provision to bring water closer to the community which they get directly from a tap

#### Economic Impact



1 full time and 2 part time job opportunities created at the water kiosk