



## **Fund the creation of an off-grid, sustainable water supply**

*Enable Heal Somerset to establish a sustainable water supply system, to reduce our costs, remove our reliance on a private water company and engage communities in sustainable off-grid solutions*

The Heal Somerset site would greatly benefit from moving to an off-grid, sustainable water supply. We will do this by commissioning our functional borehole, installing rainwater harvesting equipment and installing. These changes would mark a transformative leap toward environmental responsibility and self-sufficiency. This will reduce our dependence on a private water company whose supply is not always reliable.

Rainwater harvesting will also reduce our demand on the aquifer supply, conserving resources and lessening strain on broader water infrastructure. Rainwater from rooftops will be channelled, filtered and stored in tanks (we aim to reuse old milk tanks for this purpose), as a reservoir for subsequent use. We will deploy additional treatment to produce potable water, using processes such as disinfection using chlorine or ultraviolet light. The purified rainwater will then be distributed for use across the built area.

Financially, the move will improve our organisational resilience by reducing operational costs and insulate Heal Somerset from any water price volatility. This financial independence will allow better resource allocation towards core nature recovery work.

The transition would also bolster our adaptability to climate change. By harnessing, storing and processing rainwater, we will establish a decentralised and resilient water supply capable of enduring climatic fluctuations, particularly important when we have ecosystem engineer herds on site.

Community engagement is pivotal. We will use our off-grid water supply as an educational tool, hosting workshops to inspire local communities to adopt similar practices. This shared sense of environmental responsibility will foster a culture of sustainability extending beyond our site.

The benefits of transitioning to an off-grid, sustainable water supply at Heal Somerset are diverse. From water conservation and financial resilience to climate adaptability and community education, this initiative will embody our commitment to holistic approaches. By commissioning our borehole and harvesting rainwater, we secure a sustainable water future and demonstrate responsible environmental stewardship.

### **Impact**

A sustainable and self-sufficient water supply on site which would improve our resilience through financial independence and our adaptability to climate change.

### **Legacy**

A sustainable water future for the site.