

A woman wearing a leopard-print dress and an orange headwrap is sitting on the ground, cooking over a fire. She is holding a long wooden stick. The fire is burning in a traditional outdoor kitchen. In the foreground, there is a large white sack with the WFP logo and the text 'wfp.org'. The background shows a wire mesh fence and some trees.

Sustainable fuel for cooking

Transforming the world's worst water weed into wealth

Women

- On average spend 8 hours a day 3 days a week looking for branches to use as firewood
- Walks deep into snake infested flooded water
- Are at increased risk of sexual aggression when collecting branches





Women should not have to choose between their own safety and providing for their families!

Solution: *World's Worst Water Weed*

Water Hyacinth

Transforming water hyacinth into bioenergy to provide an affordable, sustainable and accessible cooking fuel



What we've done

- Developed the production process of **transforming water hyacinth into charcoal**
- **Locally** built tools with local expertise and only affordable, locally available materials
- **Measure competitive advantage** of using Water Hyacinth based charcoal over wood charcoal and wood



Impact

Livelihoods

Deforestation

Climate change

Water hyacinth bioenergy

Food systems

Aquatic ecosystems

Supply lines





Help us reach our ultimate goal!

Make water hyacinth-based energy the cooking fuel of choice, and enable the women to be safer and to provide a better future for South Sudan

Thank You

