



An African **Solution** to an
African Problem



Every Day **4,000** African
children **die** from
contaminated water



Why?

Contaminated water causes **diarrhea**, which **kills** more children than **malaria, measles** and **aids** combined

Two Types of Contamination

Microbial Pathogens



Disease causing organisms:
Bacteria, viruses, parasites...

Toxic Chemicals



Heavy metals:
Zinc, lead, mercury, aluminium, arsenic...




The Status Quo

1.

Water from lakes, rivers, wells and boreholes are either **not treated** at all, or treatment **technology is inadequate**

2.

Common filtration technology often **does not eliminate pathogens**: disease causing organisms like bacteria, viruses and parasites



*“We installed a borehole in the local community... we tested the water quality and the results were so **terrible** we couldn’t tell the local people.”*

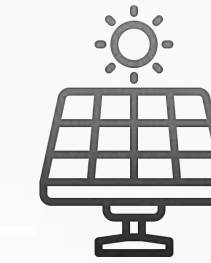
Representative from a leading African mining corporation

Water Treatment Technologies



Features	 Reverse Osmosis	 Ultra Violet	 Chlorine Tablets	
Chemical Eradication	✓	X	X	✓
Pathogen Eradication	X	✓	✓	✓
Low Energy	X	✓	✓	✓
Low Maintenance	X	X	X	✓
Low Cost	X	✓	✓	✓
Solar Powered	X	✓	X	✓

The World's First **all-in-one solution**



Solar powered and **portable**



High volume [10,000–18,000 litres per day]



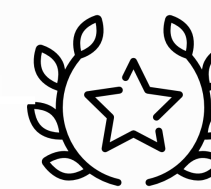
Secure and **low maintenance** [annually]



Patented ionization and oxidation **technology**



Guarantees elimination of disease causing organisms



35 International **Awards** for innovation and civil engineering

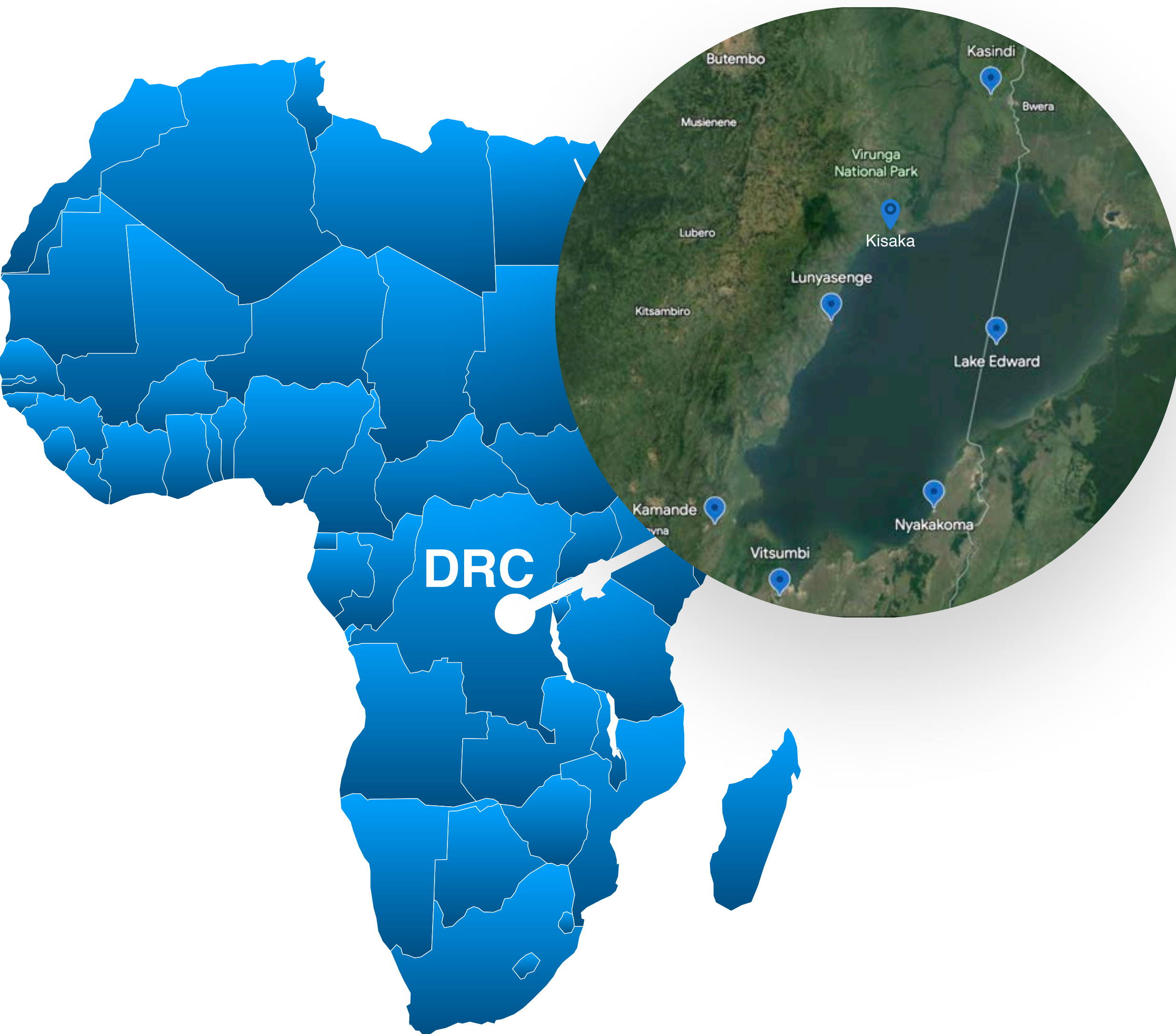


TM

**NOBLE
WATER
SOLUTIONS**
THINKING GREEN

is... an African **Solution**
to an African Problem

NWS Case Study: Listed Oil & Gas Exploration company Pharos Energy PLC



20 units installed in the DRC



Rural villages surrounding Lake Edward



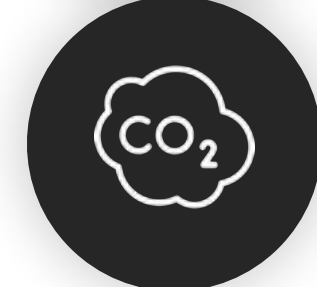
CSR initiative in conjunction **DRC**



Safe drinking water accessible 10,000 people a day



ESG Compliant



Carbon Credits





\$USD 50,000 per unit
25 Year Design Life

Thank you

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