

LIFE CHANGING WATER FILTRATION SYSTEMS

**A SUSTAINABLE, CLEAN, GREEN, INNOVATIVE
TECHNOLOGY & FINANCE MODEL.**

**PREVENTING DEFORESTATION.
REDUCING CARBON EMISSIONS.
ELIMINATING WATER POVERTY.**



SUSTAINABLE DEVELOPMENT GOALS





THE PROBLEM

INCREASING WATER POVERTY

6,000

children dying every day because of water related diseases

DEFORESTATION

50%

of the world's forests have been destroyed since 1970

RISING CARBON EMISSIONS

50%+

of the world's population uses unsustainable, biomass-based energy sources for indoor fuel

THE SOLUTION

Next generation water filtration

- Ground-breaking technology developed by leading world renowned experts in the water filtration sector
- Developed and designed in consultation with United Nations UNICEF, Red Cross, WHO and the British Department for International Trade
- Cheaper, more reliable & user friendly than any currently on the market
- Redefines the cost and reach of water security
- **3 patents issued by US patent office**, 1 filed & 3 further patents in process of filing in continuation
- Patents filed globally across **63 countries**
- **Patent valuation: USD\$100Mn+**
- **Automated on-site data collection and transmission providing real time benefit transparency**
- **Offering world's highest contaminant removal at the lowest cost per litre in its class**
- Removes Bacteria, Viruses, Cryptosporidium, Parasites and Water-Borne Pathogens, Heavy Sediment, Chemicals, Volatile Organic Compounds and Heavy Metals all to WHO standards
- **WHO Certification pending**
- Products that are game changers in the field of **global humanitarian water aid**
- High water capacity per filter out performing any competition
- Next generation sediment filter: **Highest removal rate in the industry. Can filter highly contaminated/heavy sediment water**
- Low cost device & **lowest cost per litre on the market**
- No electricity or batteries required

INCORPORATES
NASA
TECHNOLOGY



OUR STRATEGY

INNOVATIVE CARBON OFFSET PROGRAM & FINANCE MODEL.

Free of cost mass distribution of our devices is funded using a 'Carbon Credit for Water' financing model

A past project example using old technology was linked to carbon credits to deliver safe drinking water to 880,000 households in Kenya's Western Province.

A DELIVERY PROFILE EXAMPLE

- Our Smallest System = 2.55 Tons of CO2 reductions per year
- A typical single project example with this system would be the deployment of 1.2 million devices generating \$30.6Mn in carbon credit revenue per year
- 3 Mn+ tons of carbon emissions would also be reduced each year
- Carbon credit prices based at current market rates and include no accounting for future price increases
- **Distributed free of cost to rural homes & schools across project country** via trained community health workers
- Installations logged, barcodes linked to GPS coordinates, user profile, household ID numbers
- Records are uploaded over smartphone to the cloud
- Our technology is designed to be fully scalable to accommodate requirements ranging from a family, school, hospital, village and beyond

OUR PARTNERS & CONSULTANTS



United Nations



ICRC



unicef



Department
for International
Development



World Health
Organization



climatecare

Gold Standard®

Climate Security & Sustainable Development



WHY USE OUR DEVICES?

MULTIFACETED POSITIVE IMPACT.



HUMANITARIAN

- Cost & time savings for humanitarian aid
- Assistance covering larger number of people



ENVIRONMENTAL

- Reduction in carbon emissions
- Decrease in de-forestation
- No pollution



ECONOMIC

- Productivity increase
- Reduced burden on national healthcare
- Improved economic development
- New employment opportunities
- Saved medical costs



SOCIAL

- Less sick days for adults and children
- Improved education/school attendance levels
- Reduced waterborne diseases
- Reduced smoke inhalation
- Promotion of gender equality
- Improved health education



OUR TARGET AUDIENCE.


- Carbon offset project developers
- CSR Departments
- Governments
- NGO's
- Charities
- Militaries
- All forward-thinking, progressive organisations looking for a sustainable business model that does not rely on charity for implementing life changing humanitarian impact.



Our contact:

FOR MORE INFORMATION PLEASE CONTACT:

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