

DZeroE



Product Overview



Patent Numbers: Canadian 2751, 2752, 2753, 2754, 2755 and Foreign Patents Pending

phone 403.567.8700 | address Suite 3200, 500 4th Avenue SW Calgary, Alberta T2P 2V6

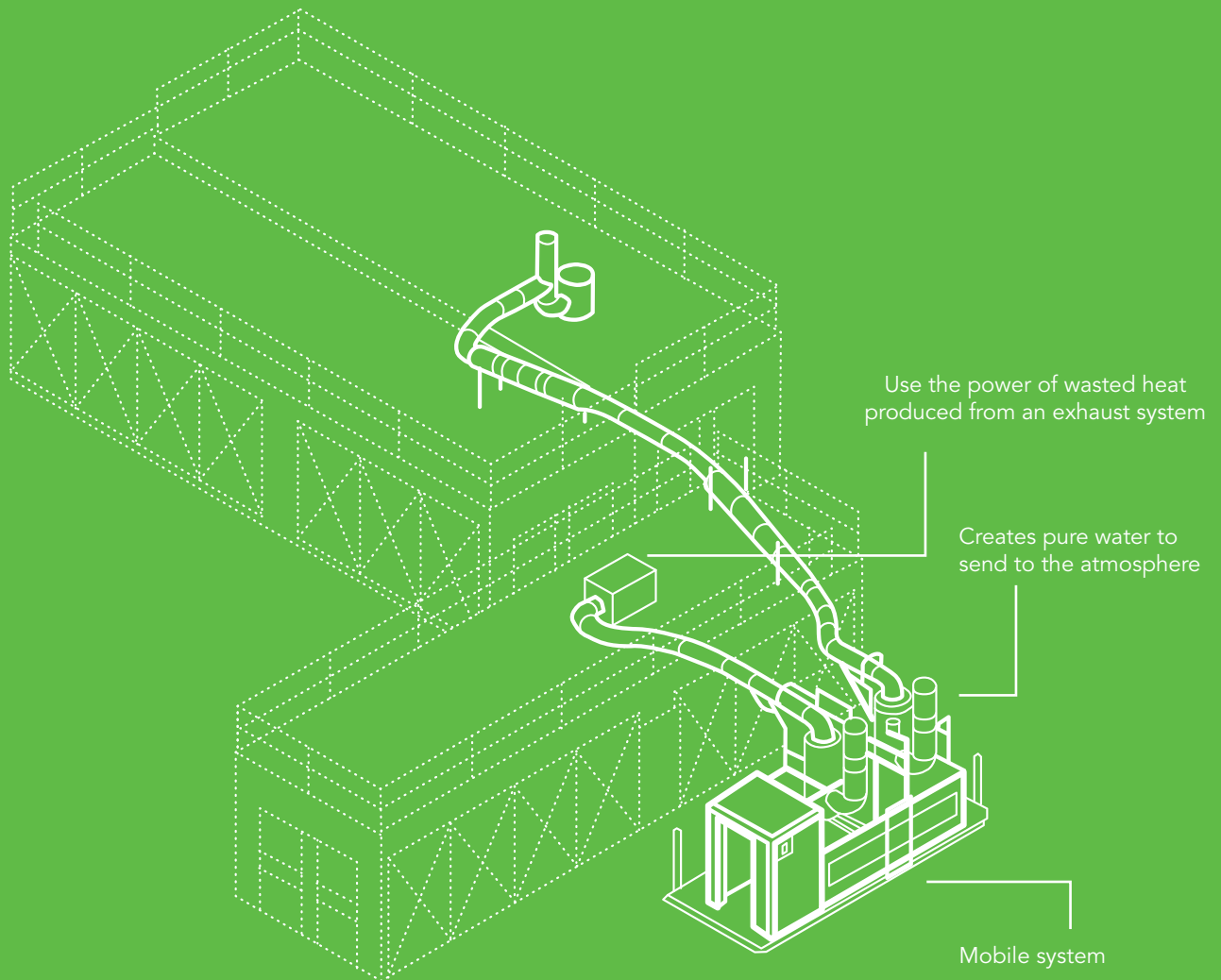
cleantekinc.com

DZeroE



DZeroE™ is a combination of patented and patent pending water reduction technologies that dehydrates wastewater at the point of creation. It harnesses the waste heat from engine exhaust to facilitate the evaporation of clean water to atmosphere of up to 95bbl/15m3* per day.

DZeroE Overview



* Keep up with the accumulation of drilling waster water by using the power of wasted heat produced from an exhaust system.



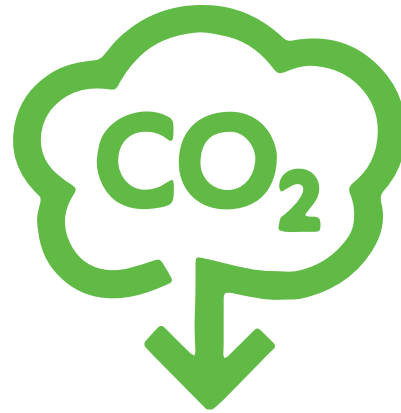
Environmental Benefits

Reduced Waste Water

Fewer trips to dispose of waste water means less risk of **off-location spills, accident or injury**, as well as **reduced heavy traffic** on roads



Reduced Environmental Footprint



Reduced Emissions

The DZeroE Technology consumes **no fuel** while **reducing the amount of trucks** required on the road for water disposal.

Waste Streams Overview:

- Boiler blowdown
- Cement water
- Water mixtures containing trace amounts of polymers and gels
- Lease/ditch water
- Run-off
- Wash water



Financial Benefits



85% LESS
WASTE WATER

Reduction in waste water to high-cost disposal facility



Reduced
Transportation Costs



Reduction in Pellet
and/or Sawdust

Operational Benefits

- ✓ Vaporization occurs within seconds of start-up
- ✓ Safe unmanned operations
- ✓ Simple cleaning process - No filtering or pretreatment required
- ✓ Automated control system with extensive sensor network, simple on/off functionality and remote monitoring
- ✓ Avoid excessive disposal expenses by managing waste at the wellsite in an efficient and effective manner

Features



Up to 95bbl/15m3 Daily Throughput

No maintenance or fuel consumption means significantly reduced operation management.



Significant ESG Benefits

The DZeroE reduces traffic in local communities for safer roads, muffles the exhaust system to mitigate noise pollution and keeps our river and lake water available to the hydro-logic cycle.



ZERO Fuel Consumption

No fuel consumption or maintenance means significantly reduced operational management.

