



YOUR ORGANIC WASTE SLUDGE TREATED ONSITE FOR \$200/TDS

The solution in a box™

Our novel organic sludge treatment process:



Rapid treatment

8m³ per hour (10% m/v Organic Matter solution)



Total efficiency

99.9% inputs oxidized



Minimal footprint

A 20' process container and a 10' control container (not shown)



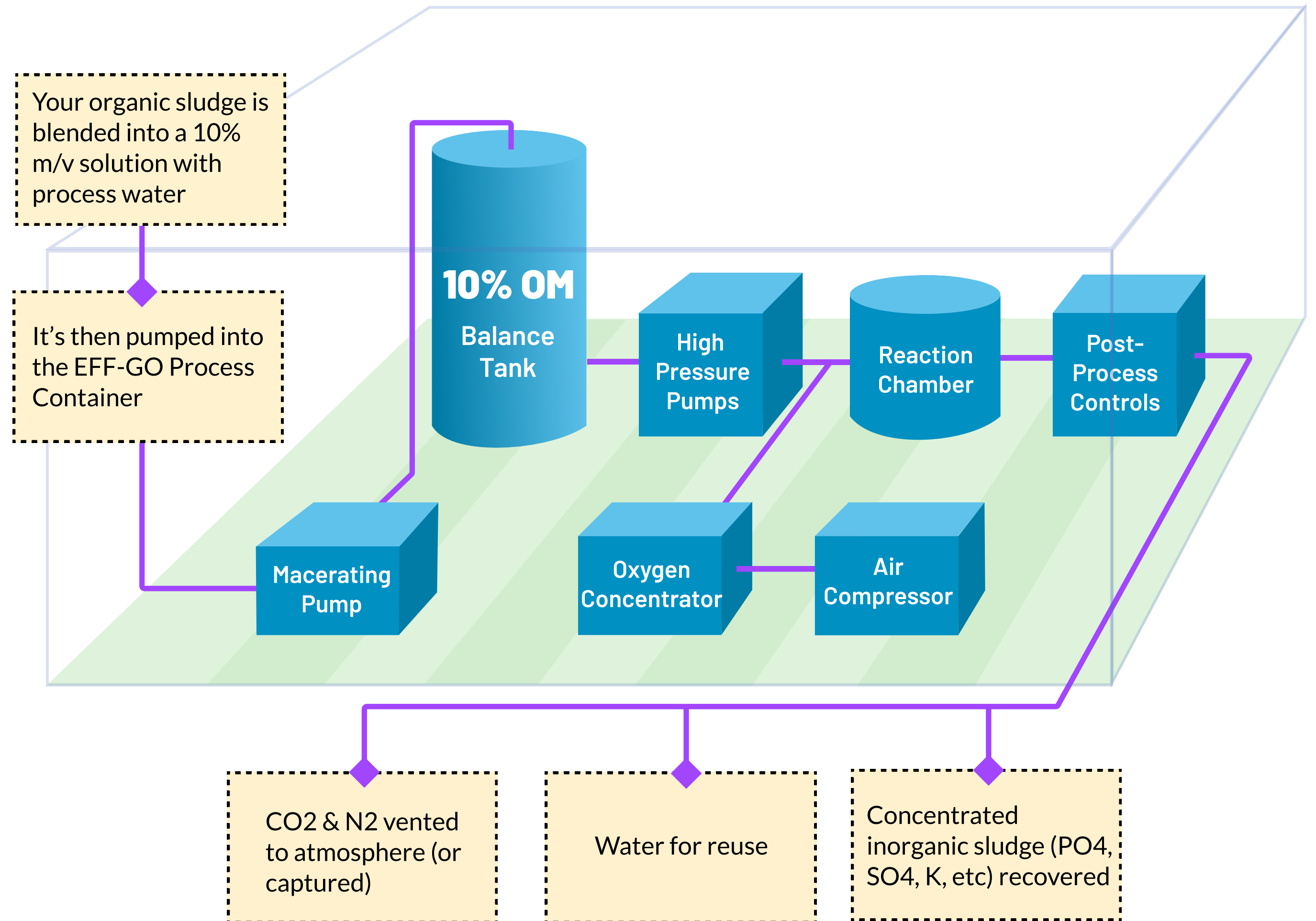
No significant offsite disposal

All organics converted to CO₂, which can be captured, nitrogen vented to atmosphere, water returned to your sludge pond and a small mass of concentrated inorganics to remove



Full-stop solution

Your liability ends as your sludge enters the EFF-GO reaction chamber



"If we can't treat it, we don't charge!"

Simon Jury



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USE CASES: **SLUDGE & HAZ WASTE DISPOSAL** *

Desludging Scenarios (running 24/7)	Our Charge	Time Onsite	Your Estimated Disposal Cost Saving	Comments
Rural WWTP 11m ³ of sludge	\$2,200	< 1 day	\$1,100	Cost savings due to the elimination of sludge thickening and dewatering prior to offsite transport haven't been included; the cost to haul and landfill sludge is estimated to be \$300/tds
Town WWTP 853m ³ of sludge	\$170,600	< 6 weeks	\$85,300	
City WWTP 4,753m ³ of sludge	\$947,550	< 8 months	\$478,350	
Hazardous Waste Streams exported from NZ	Max Tonnes exported/yr	EFF-GO Treatment	Estimated Cost Saving	Comments
PFAS firefighting foams & Industrial Chemicals	550	\$220,000	\$363,000	Cost saving calculated on the cost of incineration in the UK in 2011; £530/t at Ellesmere Port HTI. It's strategically unsound to export waste, because you become a slave to the market
Halogenated Solvents	200	\$80,000	\$132,000	
Non-Halogenated & Mixed Solvents	1,100	\$440,000	\$726,000	
Pesticides	300	\$120,000	\$198,000	

* Theoretical costings based upon published data utilizing August 2021 NZ power rates.

