

**Let waste
fuel us**

Any Plastic



Any Condition
Dirty or Clean



No CO₂ emissions
With CO₂ capture &
Utility



Final Product
sustainable drop in
Fuel
or
GAS



OUR MISSION PLASTIC TO THE RESCUE



OUR MISSION is to
clean up the global
plastic waste
problem

ZERO WASTE



ZERO WASTE - Turn mixed, unsorted, unwashed plastic waste into energy & viable chemicals

CLEAN POWER



CLEAN POWER -
Produce up to 7.2
Megawatt of clean
electricity per DAY



BUSINESS MODEL



Sell the machine for a **Fixed** price



Maintain the machine for an **Annual** price



Maintain an **Aftermarket** sales model



Operate the machine for profit



COMPARISON

1 Unit X - 24/7



=

2500 Solar Panels - 8/7

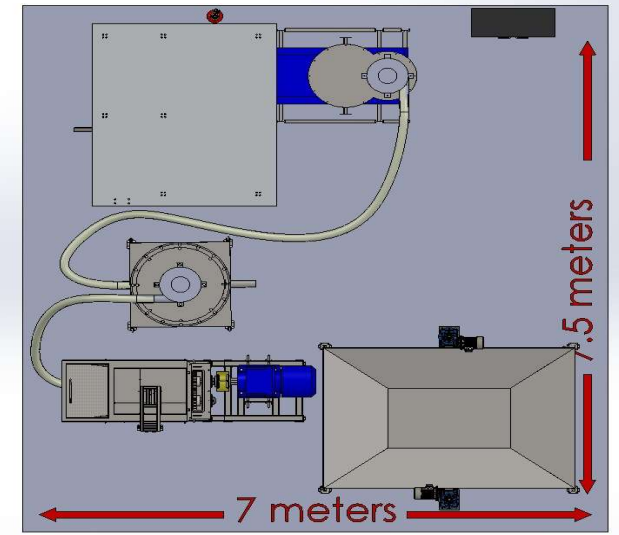
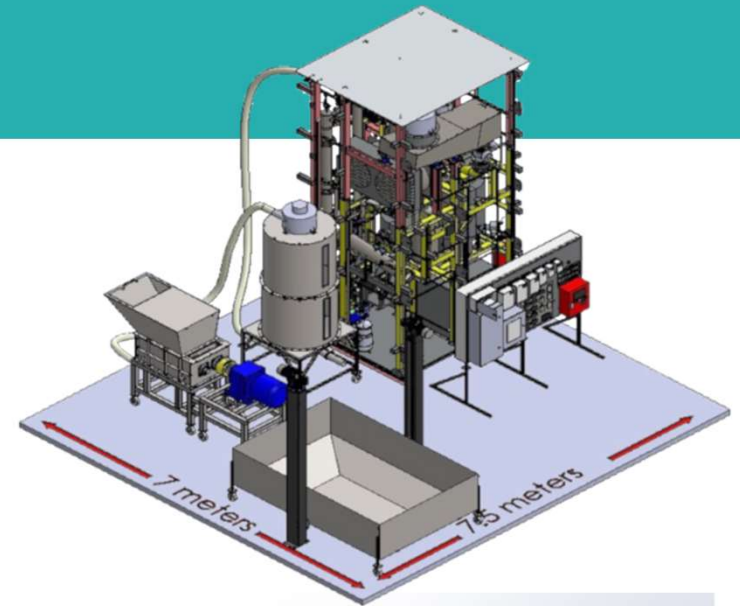
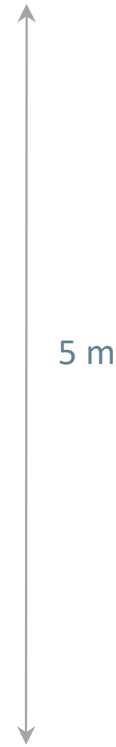
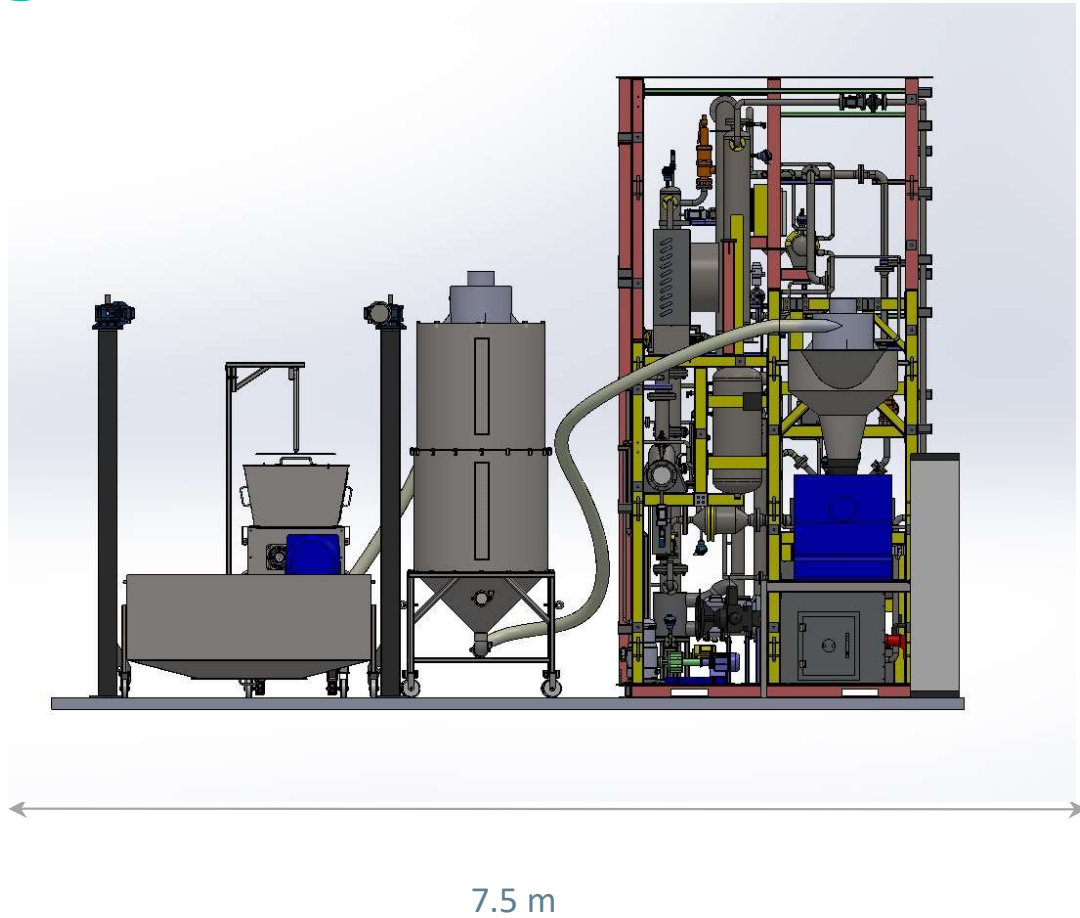


COMPETITION

Alternatives to our approach

	Blend Energy	i-pec	Biofabric
Plastic ton/day	2.5	4.8	2.5
Cost	€850,000	€1.2 million	€1.7 million
Auxiliary equipment supplied	YES	NO	NO
CO2 capture	YES	NO	NO
Footprint	15m2	>200m2	30m2
PVC & PET	YES	NO	NO
Air monitoring system	YES	?	?
Handle tyres, sludge & organics	YES	YES	NO
Power Consumption	3kW/h	10kW/h	300kW/h

BLEND ENERGY UNIT X



BLEND ENERGY CLUSTERS

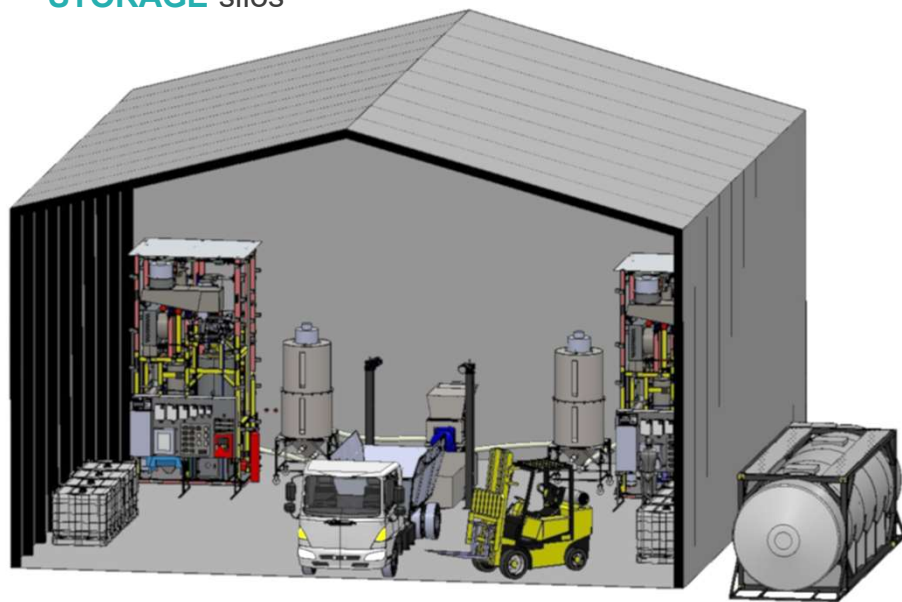
125m² enough for a single Machine + shredder + loading hopper + oil storage & plastic storage

Modular design with capacity to add more **Blend Energy** units

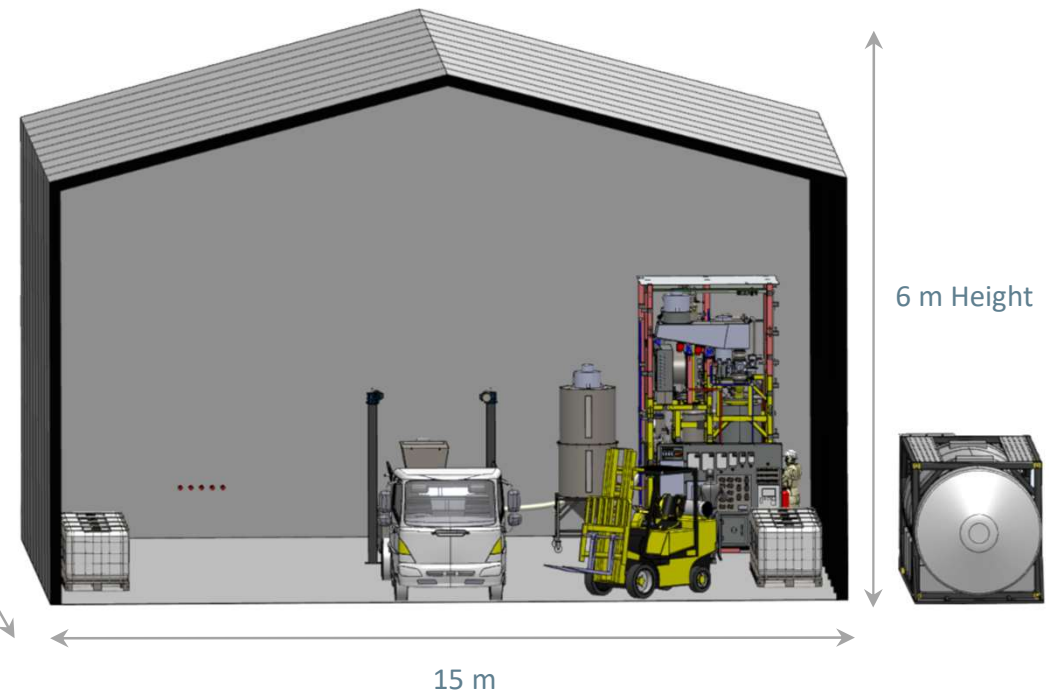
We supply the shredder and our in-house design plastic **STORAGE** silos

Minimal hands-on operation, plastic is fed directly to shredder and the process is fully automated

Continuous process 24/7, most machine maintenance can be carried out during operations



15 m



6 m Height

15 m

FIGHTING THE PLASTIC GIANT



NEGATIVE CARBON REVOLUTION



MONEY FROM DIESEL, LPG,
other fractions



33% OF GLOBAL PLASTIC
WASTE GONE BY 2035



ROI 2.4 YEARS



CO₂ CAPTURE



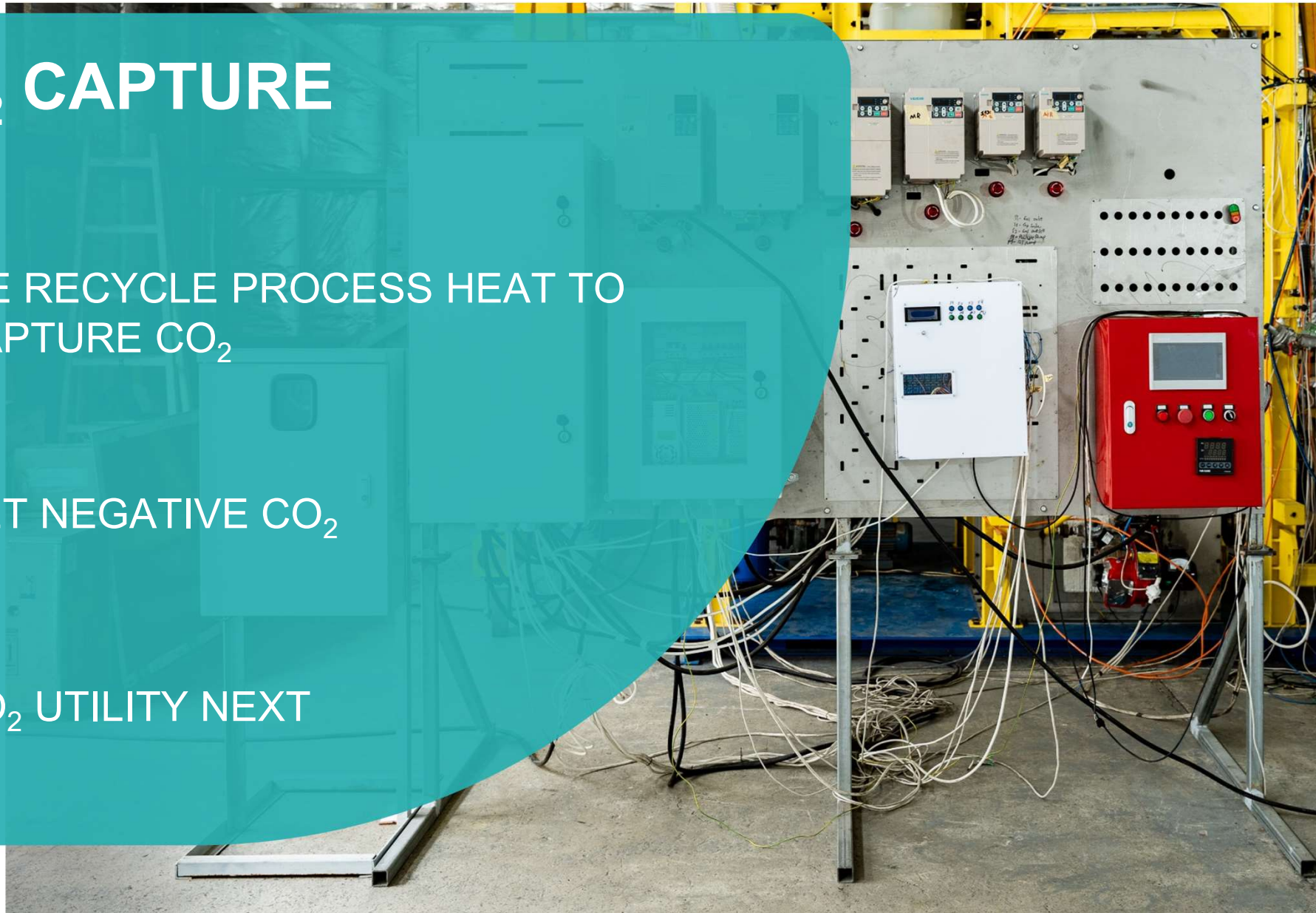
WE RECYCLE PROCESS HEAT TO
CAPTURE CO₂



NET NEGATIVE CO₂



CO₂ UTILITY NEXT



SERVICE LEVEL AGREEMENT

8/5 SUPPORT
Yearly support

Technical Requests > 7 days
Response Time Critical >24h
Emergency workaround >12h

8/7 SUPPORT
Yearly support


Client support Response > 4 hours
Diagnostics response > 1 day
Response Time critical > 24h
Emergency workaround >12h


24/7 SUPPORT
Yearly

Spare parts shipped > 24h
Critical support response > 4h
Dedicated solution > 1 day
Dedicated Onsite Engineer > Next available flight
Emergency workaround > 4h

ROI

 **2400 liters daily production**

 **1680 EURO/day**
(current crude oil market price)

 Return on Investment in 2.4 years
including operational costs

 Oil can be sold directly to refineries

Machine Cost	850,000	EUR
Operator Cost/month	2,500	EUR
Amount of Operator(continuous operation)	3	PEOPLE
Ton plastic oil/day	2.4	TON
Oil Market Value/ton	700	EUR
OPEX/ton oil	140	EUR
Annual working days	330	DAYS
Annual Revenue	554,400	EUR
Annual Profit	353,520	EUR
Gross Margin	64%	
ROI	2.4	YEARS

EXHAUST GASES

Gas analyser model MOT500-K4-LA

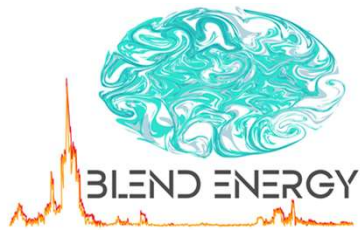


Below are our measured values for the flue gas produced

Gas Name	Range PPM (parts per million)	Thresholds	Our Readings (PPM)
CO ₂ (carbon dioxide)	0 to 25,000	N/A	25,000
CO (carbon monoxide)	0 to 2,000	50ppm	0
NO ₂ (nitrogen dioxide)	0 to 1,000	5ppm	0
SO ₂ (sulphur dioxide)	0 to 1,000	5ppm	0.8
HCL (hydrogen chloride)	0 to 1,000	5ppm	0

The above results are without the CO₂ capture system. We will be integrating our own proprietary CO₂ capture system which will reduce above values to essentially 0

WHO ARE WE?



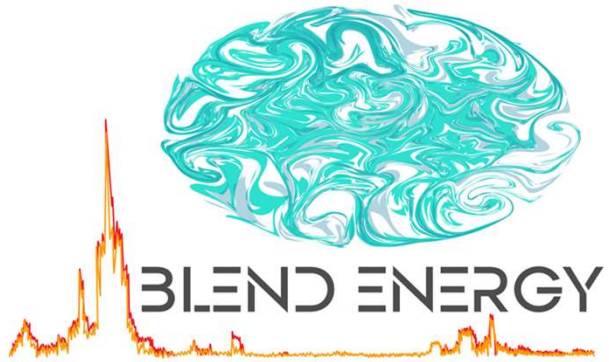
Blend Energy Ltd

A fully registered Cypriot company, the founder is a Chemical Engineer & our team consists of mechanical, electrical and process engineers



OUR PARTNERS





Let waste fuel us

Thank you

