

# GREEN TAIL

**Unique technology** of producing organic fertilisers, graphite, drinking water, and electricity from manure.





## **PROBLEM**

Agriculture contributes 12% of all greenhouse gas emissions in the UK, mainly from fertiliser and manure.

#### Manure runoff:

- pollutes water (think dead zones!),
- methane supercharges climate change,
- improper storage harms air quality.

Big cost for the environment, big challenge for the UK government that committed **to zero emissions by 2050.** 





## SOLUTION



#### **Transform Manure into Opportunity**

Our innovative technology recycles manure on-site, and allows to get fertiliser for agricultural needs, graphite, green electricity and drinking water.

#### Fully sustainable:

- Zero waste Zero storage
- Fossil fuel free
- NO emissions



## PRODUCING POTENTIAL



Organic fertilisers



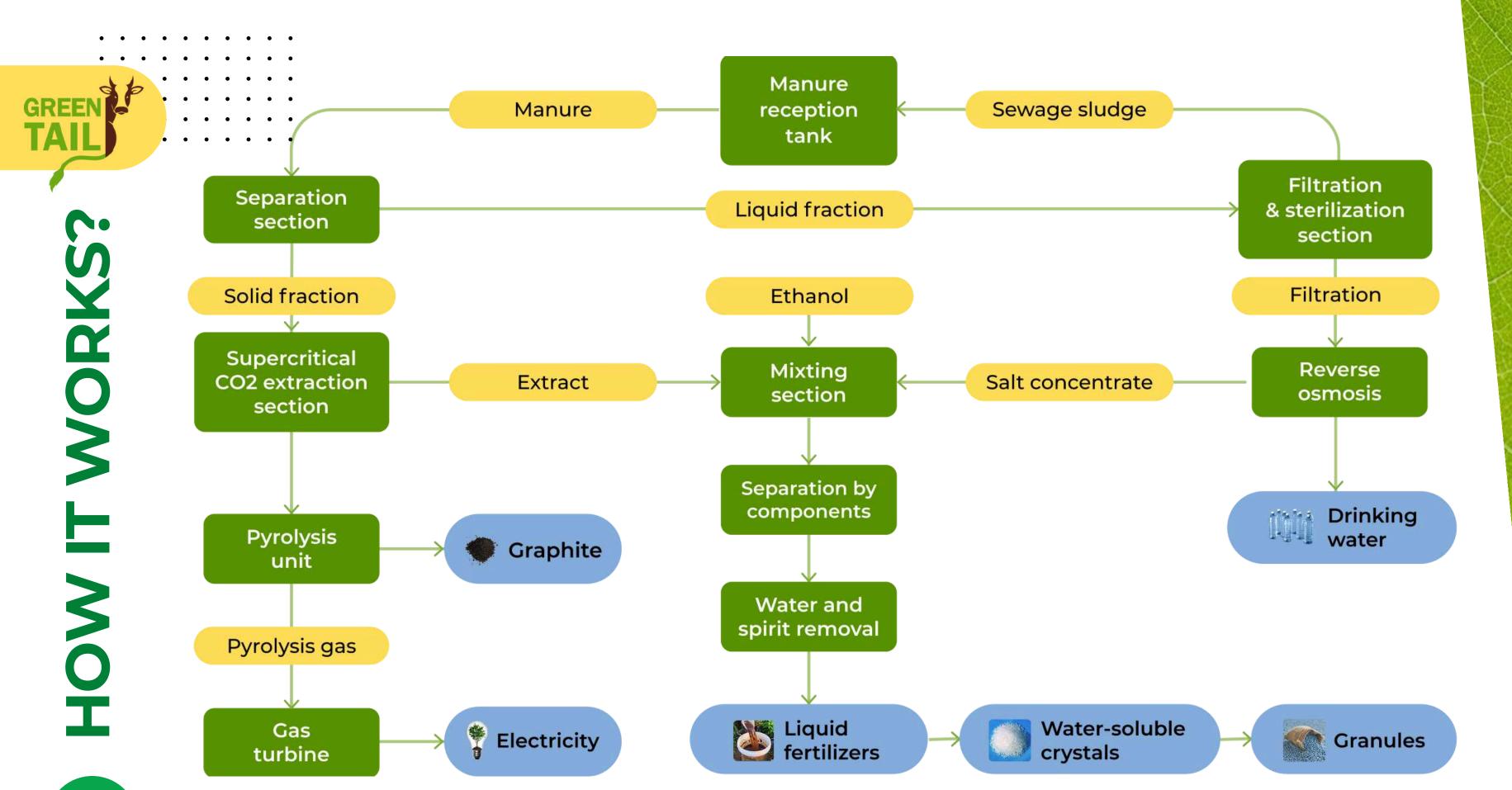
**Graphite** 



Drinking water



Green electricity



### MARKET POTENTIAL



#### **Organic fertilizer**

**\$19.5B** by 2032

CAGR for 2023-2032: 7.01%

**\$777.43M** by 2032

CAGR for 2023-2032: 6.8%

by 2032 we'll produce **4.95M tonnes of organic fertiliser/year,** 1/3 of current UK market

**TAM** 

**SAM** 

SOM

**Graphite** 

**\$40B** by 2033 CAGR for 2024-2033: 6.2%

**\$2.48B** by 2030, CAGR for 2024-2030: 3.2%

by 2032 we'll produce up to up to 220K tonnes of graphite/year, 1/5 of global need

Drinking water up to 118M tonnes/year

Green electricity up to 207 GW/year

## **COMPETITORS**



Properties	Green Tail UK	<u>Yara</u> <u>Norway</u>	<u>Rosier</u> <u>Belgium</u>	<u>Ecoculture</u> <u>Spain</u>	<u>ICL</u> <u>Israel</u>	Manure & manure pellets
Liquid fertilizers	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Water-soluble crystals or powder	<b>✓</b>	$\checkmark$	<b>✓</b>	<b>✓</b>	<b>✓</b>	×
Granules	<b>✓</b>	<b>✓</b>	<b>✓</b>	×	<b>✓</b>	<b>✓</b>
Balanced formula by plant species	<b>✓</b>	$\checkmark$	<b>✓</b>	<b>✓</b>	<b>✓</b>	×
Possibility to produce complex fertilizer according to individual farmer's recipe	<b>✓</b>	<b>√</b>	×	×	×	×
Application before or at sowing	<b>✓</b>	<b>√</b>	<b>✓</b>	×	<b>✓</b>	×
Production of organic products	<b>✓</b>	×	×	×	×	<b>✓</b>
Impact on climate	Minimum	Medium	Medium	Medium	Medium	High
Environmental friendliness of production	Maximum	Medium	Medium	Medium	Medium	Low

07



## **OUR ROADMAP**

#### 2026-2040

Fertiliser trials on soil

2021-2024

Technology validation at the micro factory

2025

Conducting production experiments

2027-2028

Construction of the first factory

2031-2040

Expansion of production in the UK and Europe

2024

**Patent application** 

for intellectual property protection

2026

Production engineering

and finding a land plot for construction

2029-2030

Start of commercial production



## **GREEN TAIL TEAM**

Powerful combination of agritech, product development, branding & sales expertise, and finances



Andrii Halushko

CEO & Founder
Serial entrepreneur
with 30+ years of
experience



Oksana Prokopiv

**R&D Director**21 years of experience
in pharmaceutical industry



**Anastasiia Liakhovets** 

Marketing & Sales Director
13 years of proven
experience



Mariia Zaika-Chelenk

Managing Director
17 years of experience
in managing different
projects



**Denis Deripasko** 

Advisor/Non-Executive
Director
25+ years of financial
banking experience



# REQUEST OF INVESTMENTS



The budget for the 12 month runway is £4.9M

Component	Figures in £ million		
Purchasing equipment	1.4		
Developing new products	0.1		
Marketing	1.5		
Admin	1.0		
Other	0.9		
Total	4.9		

We are looking to raise **£2.1 million** 

10

## READY TO LEARN MORE DETAILS?



#### **Contact us:**



office@green-tail.uk



green-tail.uk

