

Turning Waste into Wealth

Recover - Rotate - Regenerate

Tumblebug partners with farmers and growers to unlock new income streams by transforming agricultural waste into high-value resources and empowering on-farm carbon removal.



Powered by the Circular Bioeconomy
Designed to support regeneration, resilience and profitability

What We Offer:

Profitable Gourmet Mushroom Farming

Set up your own year-round mushroom farm for consistent revenue and local food production.

On-Farm Biochar Technology

Become a first adopter of our semi-continuous pyrolysis technology and access biochar in a new way:

- Valorise biomass waste
- Create high-quality biochar
- Capture and reuse heat energy
- Generate carbon removal credits
- Reduce your farm carbon footprint

Aerated Static Pile Compost Systems

Tumblebug's ASP systems use blowers to push air through compost piles, maintaining aerobic conditions without turning—saving labour and speeding up decomposition. Why our ASP system works:

- Faster composting through controlled airflow and temperature
- High-quality compost with fewer pathogens and weed seeds
- Biochar integration enhances compost value and soil health
- Scalable & space-efficient modular systems for farms and facilities
- Odour control via reduced anaerobic pockets

Soil Health Solutions

Benefit from Tumblebug's 5 year Biochar Product development growth trial knowledge to create your own:

- Peat-free growing mediums
- Biochar fertiliser pellets activated with sea kelp bio foliar stimulant

Join the farmers and growers building Britain's Circular Bioeconomy

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