

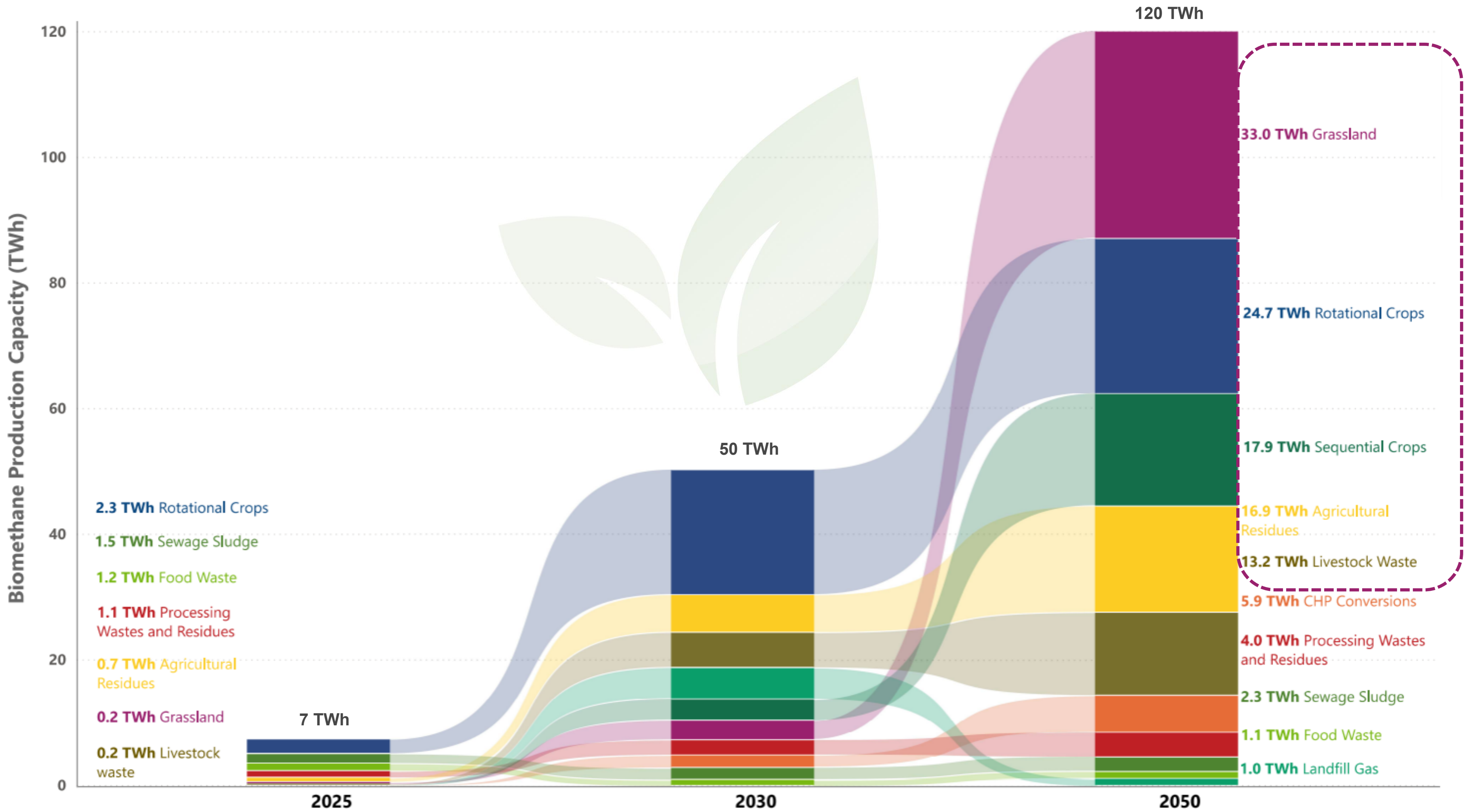


Delivering Green Gas: Putting Agriculture at the Heart of Biomethane Growth

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Jonathan Scurlock, Renewable Energy in Agriculture



Sustainable Biomethane Potential



Alignment with Agriculture

- **Agricultural feedstocks are essential to unlocking the full potential of UK biomethane**

Achieving 120 TWh will require greater use of rotational and sequential crops, grass and livestock manures, potentially creating a long-term market for almost 100 million tonnes of UK agricultural feedstocks each year by 2050

- **Biomethane can diversify farm incomes without undermining food production**

Sequential cropping alone could generate around £240 million of additional agricultural margin annually, producing feedstock alongside the primary crop, while rotational crops can provide farmers with a more predictable contracted market and additional value within existing rotations.

- **Biomethane should be valued for its whole-system benefits, not just energy**

Alongside renewable gas, biomethane can support energy security, greenhouse gas savings, nutrient recycling, soil health, more resilient farming systems and greater agricultural business stability. Digestate provides an additional source of low-carbon nutrients that can reduce reliance on imported manufactured fertilisers.

- **Reaching the potential of the key agricultural feedstocks for biomethane will require policy support and industry action to better integrate AD supply chains into a variety of farming systems**

Farming Profitability Review

Minette Batters



UK Government



Farming Roadmap 2050
Growing England's Future

June 2026

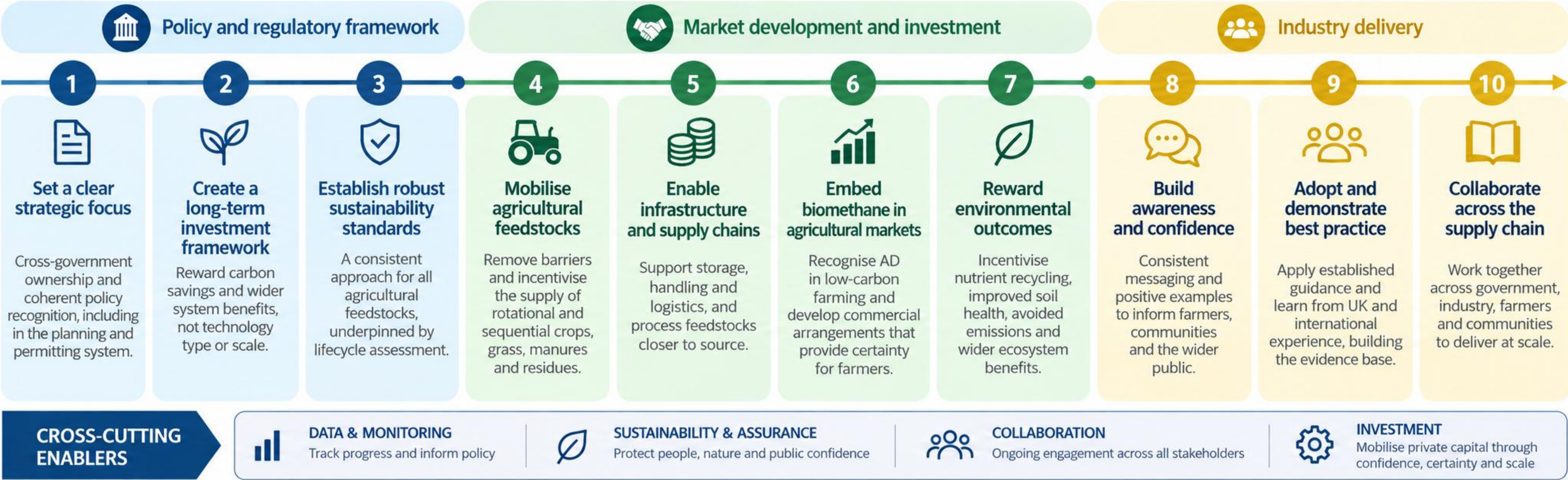
The Land Use Framework for England

Presented to Parliament
by the Secretary of State for Environment, Food & Rural Affairs
by Command of His Majesty

March 2026

Recommendations

Creating the policy conditions, market certainty and industry capability to mobilise sustainable feedstocks



FIVE KEY FINDINGS

A billion-pound opportunity for UK agriculture

Our analysis shows that biomethane could create a major new and long-term market for UK agriculture by 2050, supporting farmers, strengthening rural economies and contributing to a more secure and sustainable energy system.

1

Over
£1 billion
a year for UK agriculture
by 2050

Across rotational crops, sequential crops, grass and livestock wastes, biomethane could support well over £1 billion of agricultural value and income each year, creating new and diversified markets for farmers.



2

£455 million
a year from
livestock wastes

Using 27.6 million tonnes of manure, slurry and poultry litter for biomethane could turn existing agricultural by-products into around £455 million of annual farm-gate income by 2050.



3

£240 million
a year from
sequential cropping

Around 16 million tonnes of sequential crops could deliver approximately £240 million of additional agricultural margin each year, generating more value from the same land while retaining the primary crop.



4

A meaningful
profitability boost
for individual farms

The opportunity ranges from around £170 per hectare of additional value from rotational crops and £300 per hectare from sequential cropping, to revenues equivalent to around 5–15% of annual farm income for livestock enterprises.



5

A market for
almost
100 million
tonnes a year

By 2050, the scenarios assessed indicate demand for almost 100 million tonnes per year of rotational and sequential crops, grass and livestock wastes, creating a significant long-term domestic market for UK agriculture.



MORE INCOME
FOR FARMERS



PRODUCTIVE
USE OF LAND



NUTRIENT
RECYCLING



LOWER
EMISSIONS



A MORE RESILIENT
RURAL ECONOMY

Thank you



**A specialist strategic business consultancy with
over 20 years of bioeconomy experience**

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