

Scotland's Approach To Bioresource Management

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Scottish Government
Riaghaltas na h-Alba
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Sludge to Bioresource

Problem

Sludge dumping at
Sea

Ended in 2000



UWWTD Compliance

2013

Value
Bioresources

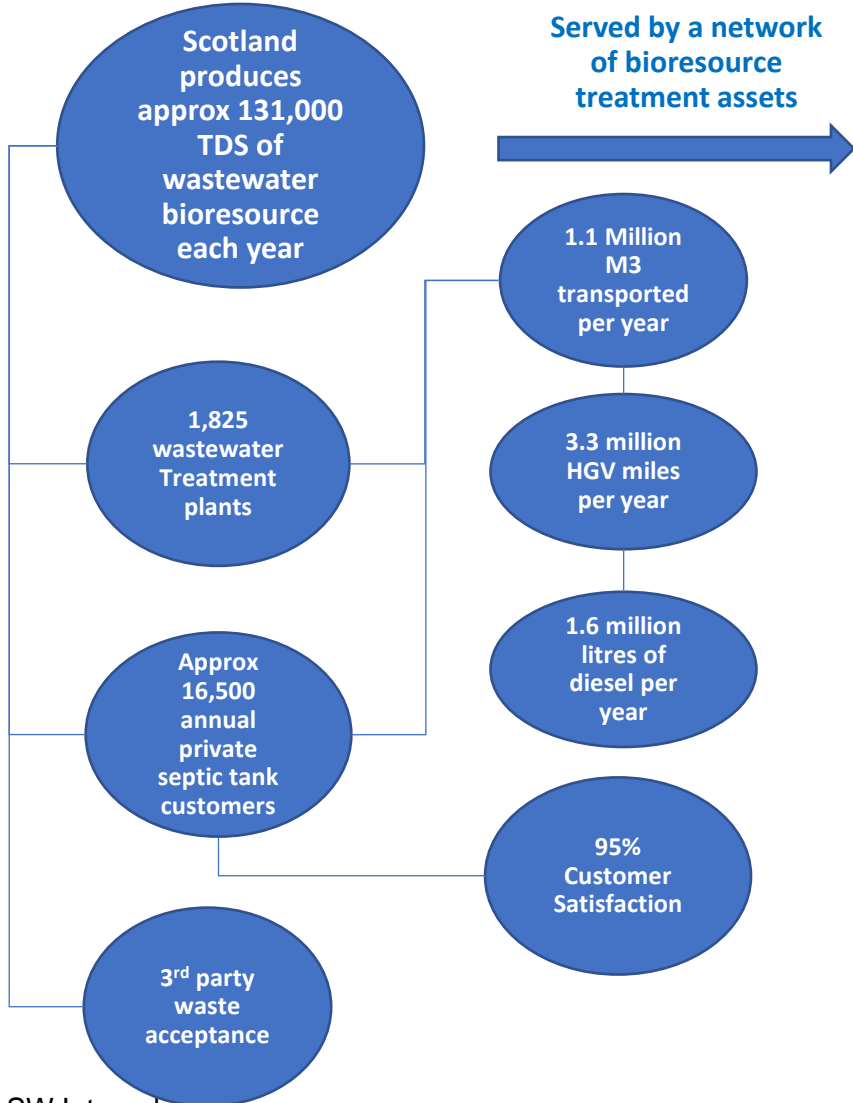


Circular Economy



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What we currently do



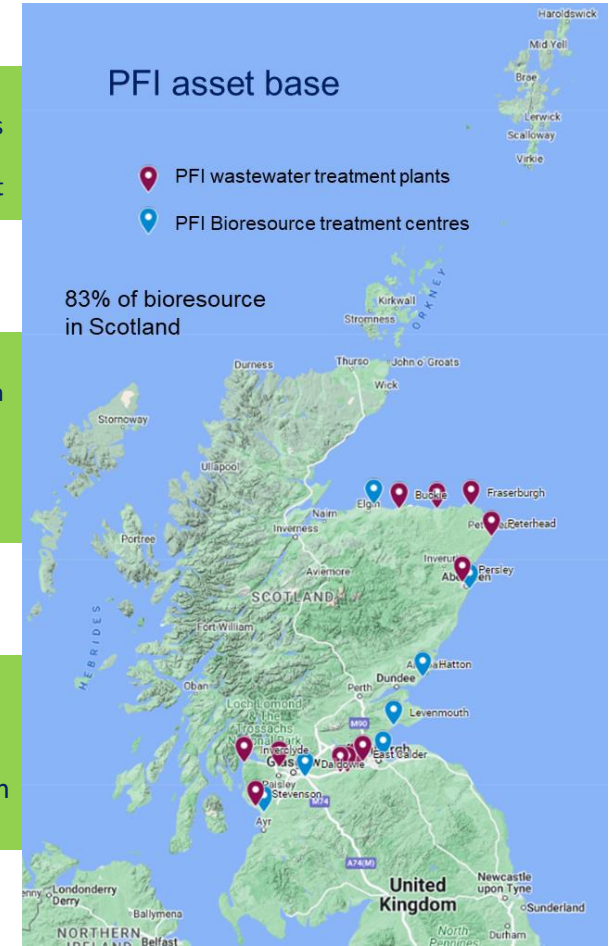
SW Current Technologies

- 6 Anaerobic digestion (AD) sites
- 8 Liming sites
- 8 sites with no treatment outlet

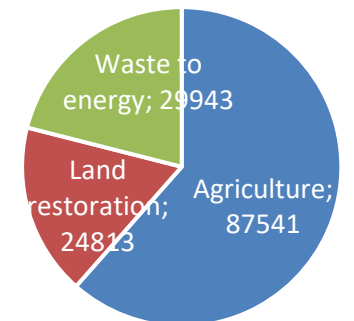
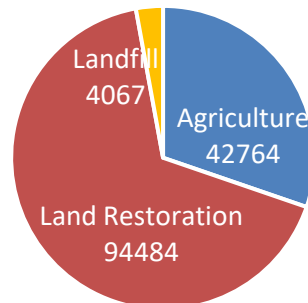
PFI Current Technologies

- 2 Advanced anaerobic digestion (AAD) sites
- 4 Thermal drier sites
- 1 Anaerobic digestion (AD) + thermal drier site

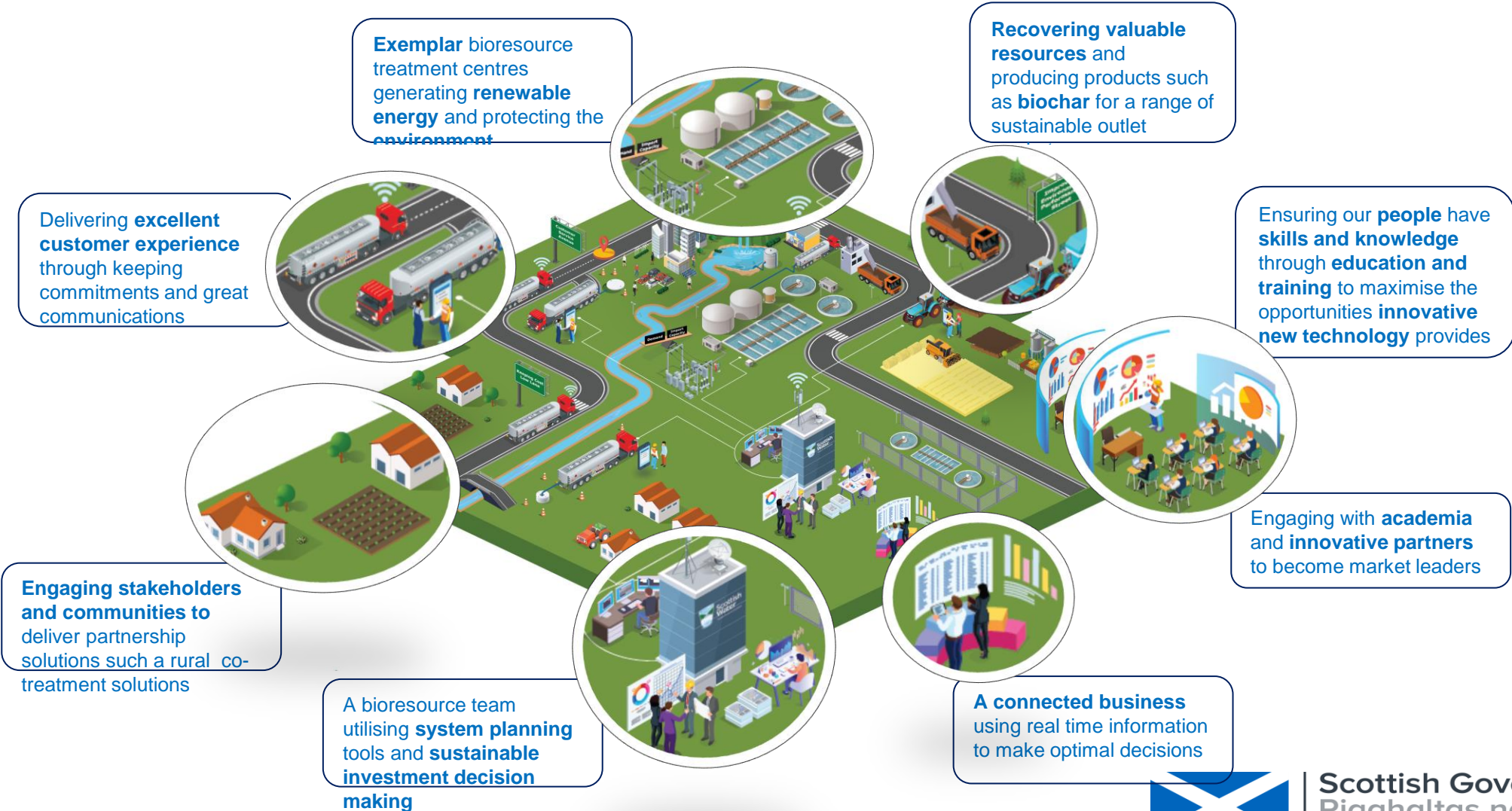
SW currently produces approx. 45 GWhr/year of renewable energy from approx. 36% of bioresource in Scotland



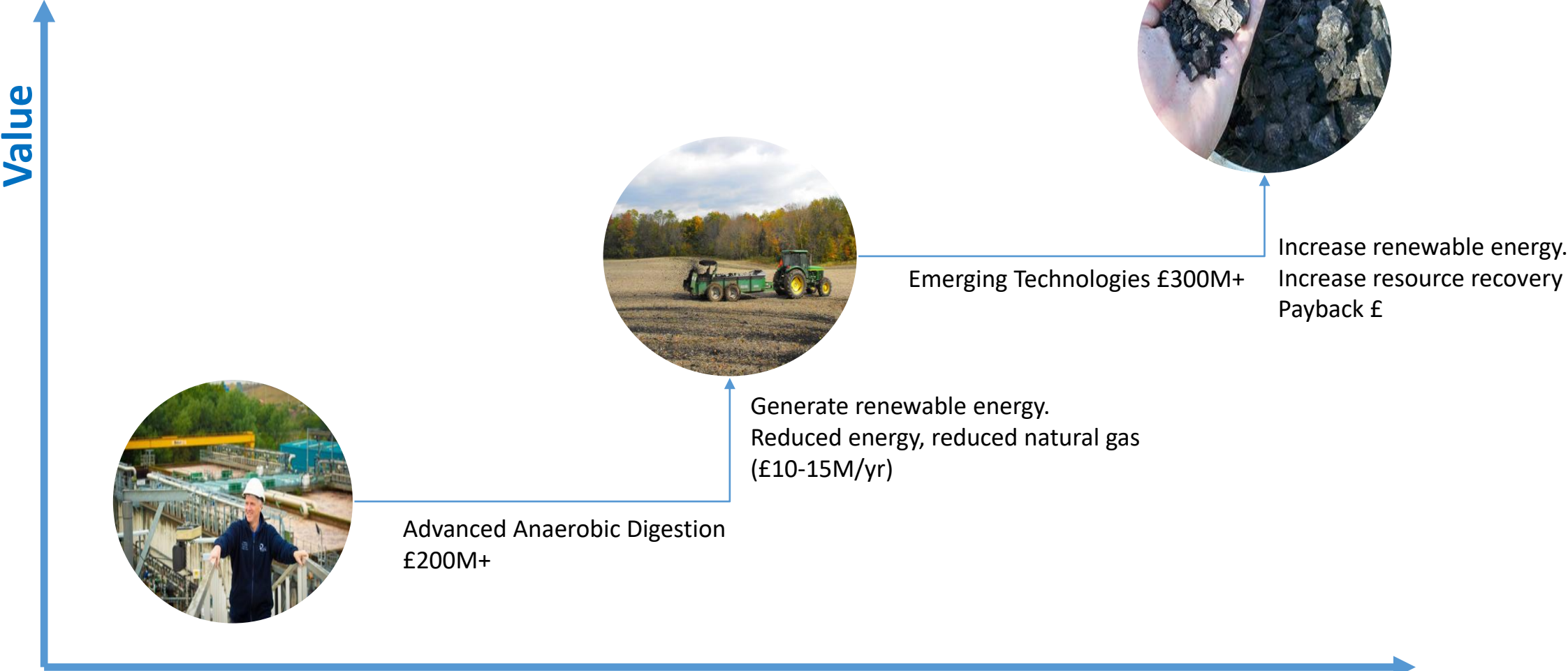
Following treatment approx. 245,600 wet tonnes of wastewater bioresource and 37,800 wet tonnes of water treatment bioresource is transported and recycled to 4 outlets



The Future Vision of Scotland's Bioresource Management



Maximising the value of our Bioresources



* Advanced Anaerobic Digestion