
The UK Bioeconomy

Growing the UK bioeconomy

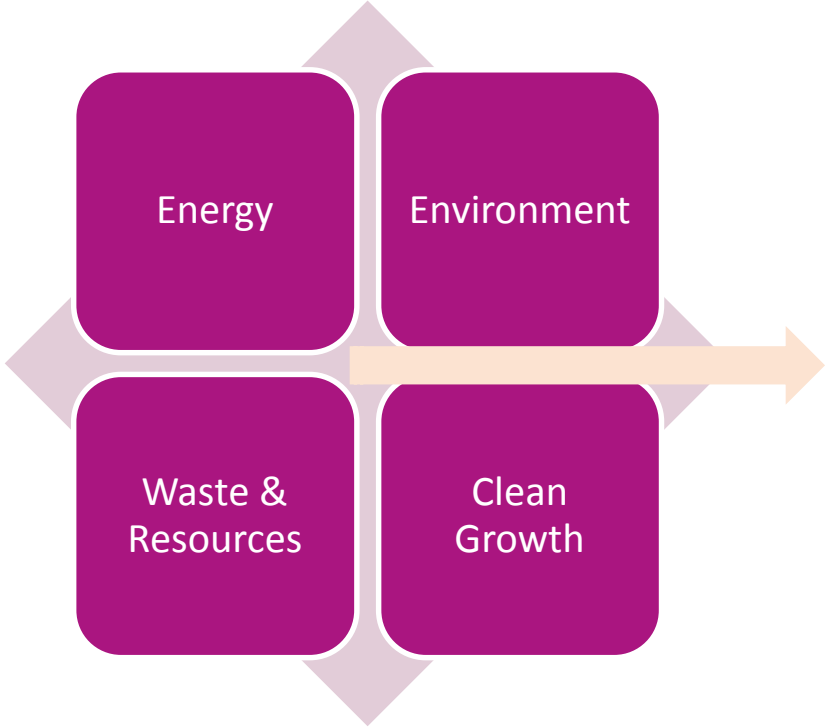
Paul Henderson



Department for
Business, Energy
& Industrial Strategy

UK Policy Landscape

**Building our
Industrial Strategy**

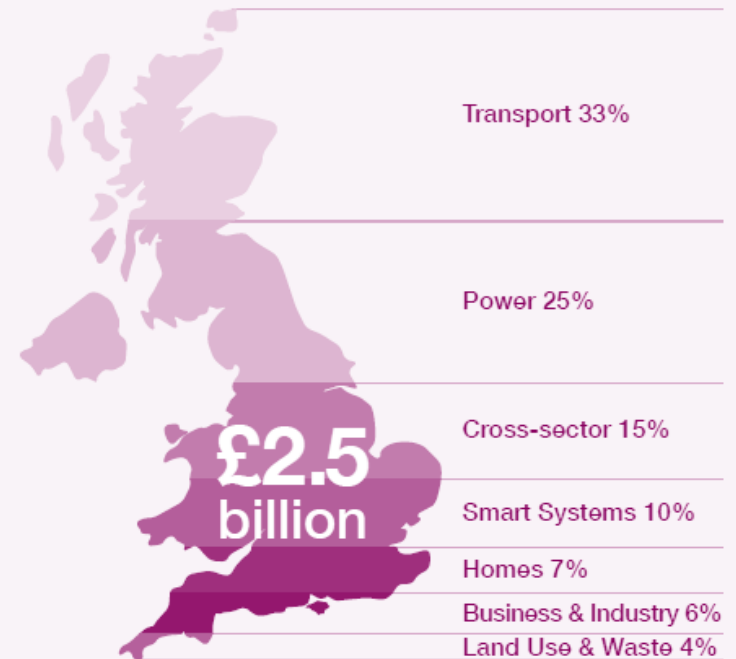


Clean Growth Strategy, October 2017

Key Policies and Proposals

- Accelerating Clean Growth
- Improving Business and Industry Efficiency
- Improving Our Homes
- Accelerating the Shift to Low Carbon Transport
- Delivering Clean, Smart, Flexible Power
- Enhancing the Benefits and Value of Our Natural Resources
- Leading in the Public Sector
- Government Leadership in Driving Clean Growth

This strategy sets out, for the first time, where Government funding is targeted



Industrial Strategy, November 2017



We will create an economy that boosts productivity and earning power throughout the UK



Grand Challenges



We will set Grand Challenges to put the future of the UK at the forefront of the industries of the future



AI & Data Economy

We will put the UK at the forefront of the artificial intelligence and data revolution



Future of Mobility

We will become a world leader in the way people, goods and services move



Clean Growth

We will maximise the advantages for UK industry from the global shift to clean growth



Ageing Society

We will harness the power of innovation to help meet the needs of an ageing society

25 Year Environment Plan

We will ensure that resources from nature, such as food, fish and timber are used more sustainably and efficiently.

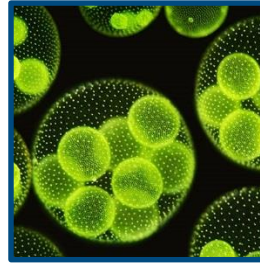
This will include maximising the value and benefits we get from our resources, doubling resource productivity by 2050.



The Bioeconomy

“We live in an age of **unprecedented demand** on our global resources. This strategy will ensure that the UK can build a world-class bioeconomy...

removing our reliance on finite fossil resources whilst increasing productivity across all our towns, cities and communities.”



“The bioeconomy represents the economic potential of **harnessing the power of bioscience...**

using renewable biological resources to replace fossil resources in **innovative products, processes and services.**”

Bioeconomy Strategy

Forecast bioeconomy growth

- The global biorefineries market is set to grow from around £350bn to £550bn by 2021
- The global market for bioplastics is expected to grow from £13bn in 2017 to over £33bn by 2022
- The global market for agricultural biotechnology is set to grow from £22bn in 2016 to £40bn by 2022

Growing our bioeconomy will ensure that the UK becomes an **inviting and vibrant** place to invest and do business, supporting innovation and stimulating economic growth.

We will become a **global leader** in developing, manufacturing, using and exporting bio-based solutions, strengthening the UK economy and moving us towards a low carbon future.

This is an opportunity we **cannot afford to miss**.

Ideas

People

Infrastructure

Business
Environment

Places

Thank You

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