

REA Bioenergy Strategy Call for Evidence

The REA are conducting a new industry-led Bioenergy Strategy for the United Kingdom, with the aim of setting out a clear vision for the role bioenergy has to play in the decarbonisation of the UK's energy requirements across power, heat and transport up to 2030 and beyond.

The report, which is to be published in 2019, will be an influential look at updating and expanding on the Governments 2012 Bioenergy Strategy which is now significantly out of date. It will map out what bioenergy is already delivering today and what policies will be necessary to see the sector deliver its potential against the UK's decarbonisation targets.

Adam Brown, formerly a Senior Energy Analyst for the International Energy Agency and Managing Director of Energy Insights Ltd has been commissioned as independent author for the report, while the Renewable Energy Association is the secretariat for it.

A number of working groups have also been formed involving industry, academics and civil servants to inform the report and its recommendations.

The REA is now launching a Call for Evidence to further gather views in relation to the future of Bioenergy in the UK. We welcome views and further evidence from all stakeholders in the bioenergy sector in relation to three specific areas:

Part 1: Bioenergy Technology Deployment in the UK

Part 2: Ensuring Sustainability in the Bioenergy Sector

Part 3: The Role of Bioenergy in the Bioeconomy

Respondents are welcome to submit their response by email to Mark Sommerfeld (msommerfeld@r-e-a.net) as either a MS Word or PDF document.

We also welcome further evidence being submitted alongside the report, either in the form of published internet links or as a PDF.

Respondent Details

You are submitting as: (Please tick)

- An Individual
- As part of an Organisation

Organisation or Individuals Name: _____

Which best describes your involvement in the Bioenergy Sector? (Please tick)

- Bioenergy Business
- Trade Association
- Academic:
- Civil Service/ Government Body
- NGO:
- Industry Consultant:
- Other: _____

Size of Organisation: (Please tick)

- Large business (over 250 staff)
- Medium business (50 to 250 staff)
- Small business (10 to 40 staff)
- Micro business (up to 9 staff)

Please ticks the areas of the Bioenergy sector you operate in:

- Biomass Power*
- Biomass Heat*
- Renewable Transport Fuels*
- Bioliquids*
- Green Gas*
- Energy from Waste (including ACT)*
- Other:* _____

Part One: Bioenergy Technology Deployment in the UK

This section is focused on what are the primary barriers to the further deployment of bioenergy technologies in the UK, whether in relation to power, heat or transport.

- 1) What do you believe to be the primary issues holding back further economic growth in the bioenergy sector? Answers may relate to a specific technology or the Bioenergy sector in general

We welcome views and evidence in relation to any issues you think particularly pertinent that is holding back the sector but you may also wish to address any or none of the following issues:

- *Feedstock availability*
- *Ability to reduce technology costs*
- *Public perception of bioenergy*
- *Market access*
- *Deployment of Carbon Capture and Storage*
- *Demand and ability of end users to adapt to bioenergy solutions.*
- *Access to finance*
- *Broader economic concerns e.g. access to skills, currency devaluation, Brexit.*

- 2) What do you believe to be the primary benefits bioenergy brings to the future decarbonised energy system? Answers may relate to a specific technology or the Bioenergy sector in general
- 3) What are the key Government policy and regulatory changes you would like to see happen to enable further deployment of Bioenergy technologies in the UK?
- 4) Any further Comments:

Part Two: Ensuring Sustainability in the Bioenergy Sector

This section invites respondents to comment on the issues surrounding sustainability. Respondents should indicate how they think these issues should be addressed if the Bioenergy sector is to continue to grow.

1. What needs to be done by a) Industry and b) Government/regulators to further sustainability requirements in relation to :
 - Sourcing of feedstock
 - Impact on Domestic and International Forests
 - Full life cycle analysis of Green House Gas Emissions
 - Direct and in-direct Land-use Change
 - Air Quality
2. What are the main environmental, economic and social benefits that bioenergy can deliver in the UK in line with the UN [Sustainable Development Goals](#)
3. Any further Comments

Part Three: Bioenergy in the Bioeconomy

The Government's Bioeconomy Strategy, published in December 2018, outlines their aim to create a supportive environment that would see the value of the bioeconomy in the UK double from £220 bn to £440 bn by 2030.

They have the expectation that growth in the bioeconomy will lead to increasing productivity, regional growth, job creation and increasing the UK export potential of bio-related technologies and expertise.

An important part of this will be utilising the UK's supply of bioenergy feedstocks to deliver a complete range of renewable energy products to help decarbonise the UK's heat, power and transport requirements.

This section provides an opportunity for respondents to highlight areas of innovation and growth potential within the bioenergy sector that will help government to deliver their Bioeconomy ambitions.

- 1) What areas of innovation within bioenergy are you expecting to be commercially deliverable by 2030?
- 2) Which regional areas of the UK are likely to benefit most from growth in the bioenergy sector?
- 3) What Government policies could further support world leading innovation and commercialisation of new Bioenergy technologies in the UK?
- 4) How could Government and Industry increase the UK export potential of bioenergy technologies and expertise?
- 5) Any further comments in relation to Bioenergy's role in the bio economy.