

# **Greening the United Kingdom's Agriculture and Industry - Initiatives Outside the Consumer Sphere are essential post-EU**

<https://marketpublishers.com/r/GE0564B5514BEN.html>

Date: January 2021

Pages: 15

Price: US\$ 995.00 (Single User License)

ID: GE0564B5514BEN

## **Abstracts**

### **Summary**

In 2021, the UK will play host to the COP21 meeting in Glasgow, its first scheduled appearance on the world stage as an exEU member. It needs to demonstrate that it can meet its own 'net zero by 2050' target without the structure the EU would provide; in 2020 the bloc agreed in principal to a record-setting deadline for its own target. Outside of the much-hyped developments in the consumer sphere, industry and agriculture in the UK are essential to meeting net zero in time. Their complex and cutting-edge solutions now require as much government backing as possible.

### **Key Highlights**

In 2021, the UK will play host to the COP21 meeting in Glasgow, its first scheduled appearance on the world stage as an exEU member. It needs to demonstrate that it can meet its own 'net zero by 2050' target without the structure the EU would provide; in 2020 the bloc agreed in principal to a record-setting deadline for its own target. Outside of the much-hyped developments in the consumer sphere, industry and agriculture in the UK are essential to meeting net zero in time. Their complex and cutting-edge solutions now require as much government backing as possible.

Agriculture and industry in the UK are being called upon to change to more renewable practices, in anticipation of the actioning of the government's Green Industrial Revolution. Against a backdrop of so-called 'Green New Deals' finding support across many of its most powerful allies - including the EU - the

UK is seeking to address the Climate Emergency with deep societal and economic reforms. Its official target of reaching 'net zero' carbon emissions, which entails a 100% reduction of CO2 emissions from 1990 levels by the year 2050, was set in law in June 2019. In November 2020, in the midst of its second COVID-19 lockdown and heightening pressure for a green economic recovery, Boris Johnson's government announced a 10- point plan for the UK's Green Industrial Revolution, a plan to meet the net zero target.

The main culprits of the UK's carbon emissions have always been, first, electricity and heat, then transport and buildings (see Figure 1). This has led some to complain that there is not sufficient promise of government support for areas like agriculture and industry, where many of the strides towards renewable practices over the last ten years have been driven from within sectors. Manufacturing, construction and industry are three sectors which together contributed 11% to the UK's total carbon emissions in 2016, the year of the most recent reliable data from Climate Watch. Agriculture is also a major emitter of other greenhouse gases - in fact the fourth biggest emitter among UK sectors in these terms.

## **Scope**

Looks at how industry can be made more Green and sustainable

Learn what options are available to the UK and other countries

See what plans the government has in place

Examine the full challenges that have to be overcome

## **Reasons to Buy**

What industries are the main culprits for CO2 output in the UK?

What changes need to be made to reduce their impact?

Are there significant plans in place?

How quickly does this need to be done to hit national and global targets?

## Contents

### **1. OVERVIEW**

- 1.1. Catalyst
- 1.2. Summary

### **2. UK NET ZERO RELIES ON CUTTING-EDGE SOLUTIONS FROM AGRICULTURE AND INDUSTRY**

- 2.1. The UK aspires to leadership with its 'Green New Deal'
- 2.2. Agriculture, industrial vehicles and manufacturing are key to the UK's solution

### **3. AGRICULTURE HAS ITS OWN HIGH TARGETS TO HIT**

- 3.1. The challenges and opportunities facing agriculture are unique
- 3.2. 'Three Pillars' approach highlights the diversity of solutions
- 3.3. Big efficiency gains will be the culmination of a range of micro-solutions
  - 3.3.1. Livestock represent the most urgent reduction
  - 3.3.2. Fertilizers and gene editing could improve crop sustainability
  - 3.3.3. Bioeconomy is green agriculture's buzzword
- 3.4. The third pillar needs greater input from industry and government bodies

### **4. LARGE COMPANIES ARE TAKING THE LEAD WITH GREEN INDUSTRIAL VEHICLES**

- 4.1. DHL is part of a growing trend towards greener logistics and haulage
  - 4.1.1. Last-mile vehicles have abundant opportunities for change
  - 4.1.2. Infrastructure must adapt with vehicle fleets
  - 4.1.3. Electrified highways are part of the future
- 4.2. H2Accelerate partnership shows highlights importance of government support

### **5. MANUFACTURING FACES COMPLEX CHALLENGES**

- 5.1. Steel represents a net zero opportunity with highly-attainable solutions
- 5.2. Cement's harmful ingredient needs to be reduced
- 5.3. Carbon capture and storage is industry's most exciting prospect

### **6. APPENDIX**

6.1. Abbreviations and acronyms

6.2. Sources

6.3. Further reading

## **7. ASK THE ANALYST**

## **8. ABOUT MARKETLINE**

## List Of Figures

### LIST OF FIGURES

Figure 1: UK's sectors' annual CO2 emissions compared (2017).

Figure 2: UK sectors' annual GHG emissions compared (2017).

Figure 3: DHL's push-powered (left) and electric (right) delivery vehicles.

Figure 4: The process of CSS explained.

## I would like to order

Product name: Greening the United Kingdom's Agriculture and Industry - Initiatives Outside the Consumer Sphere are essential post-EU

Product link: <https://marketpublishers.com/r/GE0564B5514BEN.html>

Price: US\$ 995.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE0564B5514BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

