



Press release

RWE launches innovative Carbon Capture and Storage education workbook in the UK

Stallingborough, 20 February 2025

RWE, the UK's leading electricity generator, has launched its pioneering Carbon Capture and Storage (CCS) education workbook. This initiative is designed to inspire young people into the possibilities within Science, Technology, Engineering, and Mathematics (STEM) subjects and how they can directly support the skills required in a decarbonised energy system.

At the forefront of our educational outreach, RWE is proud to engage with schools across the UK, starting with Secondary School, Louth Academy, Lincolnshire. The debut of our CCS workbook aims to inspire and educate students about power generation, the causes of CO₂ emissions, and methods to reduce their release into the atmosphere. The programme introduces students to the role of carbon capture and storage in industrial processes and how it supports combating climate change and transitioning to a low-carbon future.

The Carbon Capture and Storage (CCS) workbook is a comprehensive educational tool that introduces students to the fundamentals of carbon capture and storage technology and includes interactive activities, real-world case studies, and detailed insights into RWE's decarbonisation plans.

Corrine Barry RWE East Coast Net Zero Director delivered the programme alongside team members working on RWE's Carbon Capture projects. She commenting on the activity, "I would like to thank the teachers and students at Louth Academy for their enthusiasm and engagement in our programme. Educating the next generation is essential as we advance our CCS initiatives. Our journey towards decarbonising RWE's UK gas power stations is just the beginning and this workbook is an exciting step towards raising awareness and developing the skills needed for a sustainable workforce and future."

The collaboration with Louth Academy marks the beginning of RWE's wider educational outreach efforts. The school will be the first to benefit from hands-on learning experiences provided by the CCS workbook, offering students a unique opportunity to understand the complexities and potential of carbon capture technology.



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RWE is committed to expanding its educational partnerships, with plans to introduce the CCS workbook to more schools throughout the UK in the coming months. This initiative is part of a broader effort to raise awareness of careers in the energy sector and spark curiosity in STEM (Science, Technology, Engineering, and Mathematics).

RWE is developing the Staythorpe Carbon Capture project, alongside three other CCS initiatives located at its existing power stations in Pembroke and Great Yarmouth, in addition to a potential new-build generating plant in Stallingborough, equipped with Carbon Capture technology. For information about RWE's decarbonisation projects, visit [here](#).

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RWE is leading the way to a clean energy world. With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its global energy trading. RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net-zero by 2040. Fully in line with the company's purpose - Our energy for a sustainable life.

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