



# WHITE HORSE ENERGY

Issue. 1 Jan. 2023

## PROJECT UPDATE PERIODICAL

Welcome to our biomass innovation project update email newsletter, to inform and provide insight, as we bring you along on our journey to a greener UK.

By having secured funding from the UK's Department for Business, Energy, and Industrial Strategy, as part of the Biomass Feedstocks Innovation Programme, our project focuses on developing and demonstrating our mobile pelletising technology that will support farmers in diversifying their income stream and produce a renewable energy source year-round.

## WHO ARE WHITE HORSE ENERGY?

White Horse Energy was established in 2009, initially to supply wood pellets into the horse bedding market. Since then, it has moved into the biomass fuel sector and grown to be a leading e-commerce supplier of biofuels within the UK.

There has been a surge in demand for biomass and in light of the current energy crisis, we can expect greater interest in a project like ours that focuses on domestic sourcing of renewable energy. More people are also now choosing 'cleaner, renewable' alternative sources of fuel over the standard oil and gas.

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## AN INTRODUCTION TO OUR PROJECT

The Government funded BEIS programme is aimed at helping innovative businesses to generate new ideas to address current barriers facing domestic biomass supply in the UK. White Horse Energy, working in partnership with a market leading German engineering firm, have developed a new concept of technological innovation to contribute to the UK renewable energy market. This innovation is a transportable pelletisation technology, with the ability to process a range of energy crops and agricultural residues into pellets for energy sourcing.

Upon completing a feasibility study and we are now in the design stage of the development. We are currently exploring a range of feedstocks for pelletisation, to maximise returns for participating farms, as our innovation will help farmers to bring in new income streams as they manage their land using more diversified and environmentally friendly planting strategies.

Throughout this programme we will ensure participating farmers are at the forefront of our approach, and so we are doing our very best to ensure that our priority is to ensure farmers taking up this innovation are able to diversify and get high returns.

The transportable pelletisation unit will allow farmers to pelletise energy crops and agricultural residues flexibly at various times of year of their choosing, either outside of the harvest window, or at the same time as the harvest, depending on the farmer's preference. The innovation is designed to be used by a single operator, to fit round the busiest of schedules.

"We seek  
to  
challenge  
industry  
supply  
chain and  
technical  
norms"

WHITE HORSE ENERGY





## FARMERS ENGAGEMENT

Here at White Horse Energy we understand the importance of building relationships with our local communities. Which is why over the next few years we aim to listen and learn from farmers across the UK.

Our innovation will enable farmers to pelletise energy crops and agricultural residues year-round, bringing a new income stream from a renewable energy source. We know that with the economic climate uncertainties we are facing today, ensuring the stability of our futures is vital, and so we want to work with our local communities to understand their wants and needs.

White Horse Energy will undertake a comprehensive consultation of UK farmers to understand the opportunities presented to them with the innovation, and address any concerns around implementing the innovation on a commercial basis across the UK agricultural sector.

## GET IN TOUCH FOR MORE INFO

Office: 01285 323 809 & 01285 323 808

Email: [innovation@whitehorseenergy.co.uk](mailto:innovation@whitehorseenergy.co.uk)

## USEFUL PAGES FOR MORE INFORMATION

- <https://www.whitehorseenergy.co.uk/innovation>
- [https://www.metitron.de/files/Metitron560\\_Produktinfo\\_englisch.pdf](https://www.metitron.de/files/Metitron560_Produktinfo_englisch.pdf)
- Gov.UK: Biomass Feedstock Innovation Programme

You can opt out of receiving additional infographics regarding our project by emailing us at: [innovation@whitehorseenergy.co.uk](mailto:innovation@whitehorseenergy.co.uk)

## KEY POINTS

- Potential Year Round Pellet Production
- Simple Operational Handling
- Flexible Scheduling for the Farmer
- Varied Feedstock Potential
- Diversified & Increased Revenue Potential