

How we've helped companies

Case studies

Lindhurst Innovation Engineers

Lindhurst was founded in the 1980s to provide solutions to the UK mining industry but when the coal industry went in to decline they realised it was time to look for new markets. After attending one of our Ingenuity events, Managing Director, Martin Rigley realised that University researchers could help him develop his ideas. The Environmental Technology Centre helped investigate the potential for a new microbial fuel cell which could convert farm effluent and dairy by-products into bio-gas.



Laura Porcu, Steve Ramsden & Paul Yeomans of The University of Nottingham with Martin Rigley, Managing Director, Lindhurst Engineering

Laura Porcu, one of our graduates, is now employed on a Knowledge Transfer Partnership scheme to work with Lindhurst on the development and testing of a production scale fuel cell using waste products from the University dairy farm as fuel. The ETC were also able to partner Lindhurst with dairy producer Arla Foods UK to investigate how best to exploit the technology.

"The University's support has been invaluable. They came up with the design for the fuel cell and are now developing a working industrial scale prototype. The results are very promising and we anticipate that within 18 months we will have a product that we can offer to the market." Martin Rigley, Managing Director, Lindhurst



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