Knowledge Transfer Partnerships

Key Benefits

• Knowledge Transfer Partnerships are designed to benefit everyone involved
• Firms are solving strategic challenges and long-term problems by drawing on the expertise of the knowledge base
• KTP Associates gain business-based experience and personal and professional development opportunities
• Universities, colleges or research organisations bring their experience to enhance the business relevance of their research and teaching

About the project

The previous KTP between the partners helped develop Royston's comprehensive 'real time' fuel consumption monitoring and management solution, "enginei". The Company and University undertook a second KTP to develop the use of statistical and data mining techniques in order to enhance "enginei".

The growing interest in big data around the world put Royston in an ideal position to exploit the massive amount of data generated by "enginei", as well as their in-house testing facilities and customers.

Royston’s customers face an increasing number of regulations surrounding climate change and the need to control emissions. As a result, data related to shipping parameters, such as speed over ground, GPS position, power and fuel consumption has increased in value.

The Company

"This is our second KTP and therefore relationships have been established which allowed the company to move from a mechanical engine repair background to a consultancy business with an R&D arm - enhanced with further Innovate UK support."

Shervin Younessi, Technical Manager, Royston Diesel Power

The Sponsor

KTP is primarily funded and managed by Innovate UK. It supports UK businesses wanting to improve their competitiveness, productivity and performance by accessing the knowledge and expertise available within UK Universities and Colleges. Its mission is to accelerate research into, and development and exploitation of, technology and innovation for the benefit of UK business - building economic growth and quality of life.

Fast Facts

• Continued collaboration via a three year funded Innovate UKS project
• Discussions ongoing over a potential third KTP between the partners
• Development of a new bespoke consultancy business model
• Commercialisation of work on the KTP will lead to increased sales value of £1.75m
• Upskilling of existing staff and creation of new job roles at Royston
• Significant culture changes at Royston including improved internal communications