

News

Amarinth wins Carbon Trust grant to develop high-efficiency centrifugal pump

14 September 2009

Amarinth has received a £160 000 grant from the Carbon Trust to develop a cost-effective and rapid process for the design and manufacture of bespoke best efficiency point (BEP) optimised impellers for use in industrial pumping applications.

Amarinth will be the lead organisation in this project and will work with Furniss & White (Foundries) Ltd and Pera Innovations Ltd.

The project, which is due for completion in June 2011, aims to reduce impeller design lead time by 25% and impeller foundry pattern costs to 10% of current production methods with a lead time of less than one week. According to Amarith, the resulting impellers will reduce energy consumption by 10%–25% compared with 'fit-to-curve' pumps.

"We are delighted to have been awarded this grant from the Carbon Trust for undertaking a project that we have thought long overdue. We have a number of ideas to achieve the project aims of significantly reducing the carbon footprint of pumps and look forward to working with our partners over the coming years in delivering this," said Amarith managing director Oliver Brigginsshaw.

Amarinth specialises in the design, application and manufacture of centrifugal pumps and associated equipment for the industrial, chemical and petrochemical industries.

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