

Eight Midlands Aerospace Innovation Projects win £900,000 Match Funding

The National Aerospace Technology Exploitation Programme (NATEP) has awarded £900,000 directly to Midlands-based manufacturers in its latest round of funding.

COVENTRY, WARWICKSHIRE, UNITED KINGDOM, May 29, 2015

/EINPresswire.com/ -- The National Aerospace Technology Exploitation Programme ([NATEP](#)) has awarded more than £900,000 directly to Midlands-based manufacturers in its latest round of funding. As a result, the research and development of eight innovative technologies begins this month.

Working in collaboration, Muretex Ltd and University of Coventry are using optical head mounted displays to improve inspection methods, while Meggitt Aerospace Ltd and Ashton & Moore Ltd, with assistance from the Manufacturing Technology Centre are aiming to develop an aerospace engine valve using 3D printing.

GE Aviation Systems and Cambridge Nanotherm Ltd are looking to improve the thermal performance of power modules, Semelab Ltd and Premet are investigating whether they can lower the weight and reduce the maintenance cost of power modules by using a standard single switch and Rapita Systems and University of York are developing next-generation software verification tools.

To explore a better technique for in-situ drilling on aircraft, Teer Coatings Ltd and

Kyocera Unimerco Tooling Ltd are working alongside the University of Manchester, and Welwyn Components Power & Hybrid and Accelonix have teamed up with the University of Newcastle to demonstrate the commercial benefits of a new cleaning process during device manufacture. Over the next eighteen months, all these technologies will be developed in partnership with end customers, including Rolls-Royce, GE Aviation and Airbus.



NATEP Deputy Programme Director Bridget Day



NATEP project team from Muretex and University of Coventry, who will be developing a hands-free inspection interface

£1.75million of funding, which has been matched by the 37 local aerospace supply chain companies taking part. Nationally, there are now 46 projects underway, involving 105 aerospace supply chain companies.

The £40million NATEP programme, funded by Department for Business, Innovation & Skills (BIS), managed by ADS and delivered in the Midlands by the Midlands Aerospace Alliance, provides matched funding and expert mentoring. The aim is to help companies develop 100 innovative technologies for new products or manufacturing processes and to create and safeguard jobs within a world-leading UK aerospace supply chain. With a further 80 outline proposals received at the close of Call 4 for projects, and even more received for the final Call 5 this month, NATEP looks set to exceed this goal.

NATEP Deputy Programme Director Bridget Day remarked: "What worthy winners we have in the Midlands. These are exciting ideas that have the potential to transform, sustain and augment aerospace manufacturing. What may appear to be a small change to a process can, in fact, have an enormous impact on the whole supply chain, making global aerospace safer, faster, cheaper and more sustainable.

"The teams will be collaborating over the coming months to determine next steps and our team of technology specialists will be on hand to offer advice, training and mentoring every step of the way."

Find out more at <http://www.midlandsaerospace.org.uk/natep>.

Peter Knight
Midlands Aerospace Alliance
02476430250
email us here

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2015 IPD Group, Inc. All Right Reserved.

