

MADE offers support to Welsh businesses through three key projects:

# ADVANCED DESIGN ENGINEERING (ADE)

The ADE programme is designed to offer practical support to help businesses adopt advanced manufacturing technologies to transform performance levels and boost competitiveness. This project is supported by the Welsh Government and the European Regional Development Fund.

## WHO IS IT FOR?

MADE's ADE programme will typically benefit established and resilient businesses which have ten or more employees and are ready to innovate.

ADE has a clear focus on helping SMEs in the supply chain realise the benefits of advanced engineering technologies, and concentrates on collaborating with companies on technology prototyping projects that help with the adoption of those technologies. ADE recognises the urgent and pressing need for an operation which focuses on transferring and translating research expertise in this area to SMEs, to help them maintain their position in the face of global competition. Where a more research focused approach is required, the ADE team is able to make introductions to colleagues on other programmes which can offer such support.

## HOW DOES IT WORK?

- A member of the ADE team will work with you to analyse and understand your current business processes and identify where innovative advanced technologies could usefully be introduced. During this important mapping stage, a short report will be produced, detailing the potential collaboration and the anticipated results and impact of this collaboration upon the business.
- Once the proposed collaborative project plan has been documented and agreed, a pilot research project will test these technologies for viability within your business. This phase can last from six weeks to six months. This process might include making targeted improvements to established business process, or to existing products. Or, perhaps, identifying new processes and products, using new technologies.
- The final phase is aimed at delivering sustained adoption of the new technology, to bring about meaningful and sustainable change. The MADE team can also assist you to access funding, or refer you to other partners who may help you to fully realise the potential of the new product or process.

## WHAT WILL IT COST?

There is no cost to participating businesses. ADE is an EU-funded project aimed at increasing the successful transition of research and innovation from universities to business, at no cost to the participating businesses. However, companies are expected to make in-kind contributions to the project, including staff and resources, in order to ensure workforce buy-in and, ultimately, the success of these projects.

**GET IN TOUCH:** 01792 481199 [made@uwtsd.ac.uk](mailto:made@uwtsd.ac.uk) [www.MADECymru.co.uk](http://www.MADECymru.co.uk)

# MADE

MANUFACTURE  
ADVANCED  
DESIGN  
ENGINEERING



### STEP 1 BESPOKE NEEDS ANALYSIS

an in-depth exploration of your business's current situation and where advanced technologies could be introduced.



### STEP 2 PROTOTYPE PROJECT

a pilot research project lasting anywhere from 6 weeks to 6 months in which new technologies are tried and tested for viability.



### STEP 3 TECHNOLOGY ADOPTION

converting steps 1 and 2 into meaningful and sustained operational change. ADE can assist the manufacturer in accessing funding and refer to other partners to realise the full potential of this stage.



**Prifysgol Cymru**  
Y Drindod Dewi Sant  
**University of Wales**  
Trinity Saint David



UNDEB EwROPEAIDD  
EUROPEAN UNION



Llywodraeth Cymru  
Welsh Government

**Cronfeydd Strwythurol a  
Buddosoddi Ewropeaidd**

**European Structural  
and Investment Funds**