

SMARTERIALS

innovative & functional

Intelligent
materials
for industry

Discover a new world of possibilities



What is SMARTERIALS?

Aston University is reaching out to SMEs to offer the ERDF programme “**Smarterials**” Promoting Functional Materials in SMEs

Developing functional materials to support small-to-medium sized businesses (SMEs)

Smarterials is a project funded by the **European Regional Development Fund** aimed at bringing together academic knowledge and people working in small to

medium sized enterprises with a view to supporting those companies to find the most effective materials and processes for their business success.

Research and consultancy



This programme enables both new and established SMEs access to experts at the forefront of the latest research into materials development who can help you to drive your business forward.

Aston offers a bespoke package of services comprising:

- ▶ Tailored advice on the materials and processes best suited to your product
- ▶ Rigorous testing regimes using state-of-the art facilities which can simulate actual conditions
- ▶ Opportunities to model ideas (3D printing)
- ▶ Support for design and development

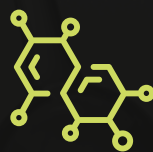
Our team is headed by Professor Paul Topham, Head of Chemical Engineering and Applied Chemistry at Aston University and a leading researcher in polymer science.

We have experts in a range of areas including:

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|--------------------------|--------------------------|---------------------------|
| ▶ Materials science | ▶ 3D printing | ▶ Formulation engineering |
| ▶ Mechanical engineering | ▶ Mathematical modelling | ▶ Physics |
| ▶ Materials testing | ▶ Chemistry | |
| ▶ Chemical engineering | ▶ Biology | |

These experts have already helped a number of SME's, from research into the functional material properties of spice in medical applications with the “King of Saffron” to the environmental benefits of additives into diesel with “Ecomotive”.

To find out how our experts can benefit your company, email smarterials@aston.ac.uk



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