



## Visit us at Euroguss 2026

Due to increasing costs of raw material and energy, the use and further development of efficient and economical processes is becoming increasingly important in the foundry sector. At Neue Materialien Fürth GmbH, we recognize this need and therefore focus on innovative technologies such as magnesium injection molding (Thixomolding®). Compared with conventional die casting, it enables significantly lower material consumption due to reduced recycling material and much higher energy efficiency resulting from substantially lower casting temperatures. In addition, NMF has demonstrated that scrap parts and runners can be recycled in-line without significant loss of mechanical properties. NMF is currently involved in developing the technical realisation.

We also address a wide range of issues related to well-established production processes such as die casting and consider the entire process chain – from raw materials to tool design, process optimization and component finishing. In recent decades, a focus has also been on modeling and process simulation. Our range of services is complemented by numerous analysis and testing methods for component and material characterization as well as for damage analysis. Neue Materialien Fürth GmbH possesses considerable experience in the field of die casting, which our staff apply systematically and effectively in industrial projects and publicly funded R&D projects. We are your competent partner for all matters related to casting technology.

We look forward to seeing you: Hall 5, Stand 5-250i

