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## **How MAGMASOFT® Supports Sustainable Production**

Casting process simulation with MAGMASOFT® makes a significant contribution to sustainable value chains: When companies simulate their casting processes at an early stage, they are able to identify potential manufacturing constraints, correctly calculate process risks and variations, and avoid errors before they occur. Thus, they benefit in various ways: They reduce the number of additional correction loops, optimize their material usage, reduce their energy consumption and cut costs.

Companies can use MAGMASOFT® to predict component behavior. Trained users are the key here: They not only minimize simulation times, but also the number of energy-intensive sampling procedures and help to robustly design casting processes right from the start. It is thus possible to reduce costs and save resources, and significantly so. This, in turn, increases both the sustainability of individual process chains and the competitiveness of the entire company.