EDEM simulation & analysis have helped TU Delft - M2i increase their general knowledge of the iron-making process. Though the scale and complexity of the process is hard to capture in physical experiments, virtual testing allows for on-going model calibration. The virtual blast furnace model allows researchers to perform more realistic parameter studies without interrupting productivity at an operating blast furnace.


"EDEM has allowed us to start directly simulating the blast furnace. The EDEM CFD Coupling is critical to our project. EDEM software has been improving both speed and functionality since we began using it 4 years ago. EDEM delivers excellent results and shows great potential."

Allert Adema, PhD Researcher, M2i-TU Delft (now blast furnace technologist at Tata Steel, IJmuiden, The Netherlands)

www.m2i.nl
www.mse.tudelft.nl
http://www.tatasteeleurope.com