

# Prof. Dr. ir. Steven De Meester



Prof. Steven De Meester is assistant professor since 2016 within the **Department of Green Chemistry and Technology of the Faculty of Bioscience Engineering at Ghent University**. With a background in chemical engineering and sustainability assessment, his main research topic is the sustainable design of chemical production chains with a focus on purification of components out of complex streams such as waste plastics. Prof. De Meester leads the **Laboratory for Circular Process Engineering**, which is a team of around 25 researchers which focuses on better chemical engineering in the circular economy, with focus on pretreatment and downstream processing. This is important, as it is clear that waste is heterogeneous and mechanical and chemical recycling technologies are sensitive to contaminants. The group brings fundamental science and more innovative approaches to the processes used in waste management companies, especially in the field of pretreatment of heterogeneous waste towards high end recycling.