



## The Catalysis revolution to meet new sustainability imperatives

Dr. Delphine BLANC

*ELKEM Silicones*

*ATRION - 9 rue Specia, 69190 Saint-Fons, FRANCE*

In our industry, the main challenge for the twenty-first century is the transition to a greener and more sustainable chemistry, dealing with different imperatives like toxicity, low energy process, less or no more waste in addition of some additional issues such as the scarcity of some raw materials. These imperatives are essential to develop competitive advantages and also respect our strategic roadmap for the climate. In this presentation, we will show how catalysis makes it possible to meet some of these objectives, in particular allowing the development of several aspects of the circular economy, from low-energy processes to the chemical recycling of silicones