Chemistry as a driving force to develop the circular economy

The chemical industry is experiencing a season of great changes, from the evolution of international competition to the growing attention to the use of resources and the environmental issues. We can therefore speak of Chemistry 4.0 which means circular economy, sustainability and digitalization. Starting from the design stage, research, development and innovation are essential elements for developing new sustainable and circular production paradigms. The chemistry upstream of all production chains is an indispensable partner towards the ecological transition.