

Versalis pathways to circularity: new technological platforms and synergic approach

Versalis vision is to be a fully sustainable and differentiated company, leveraging innovation and technology development. Versalis is very committed for energy transition, in line with Eni's broader strategy, and set a concrete path to tackle direct and indirect emissions through development of existing and new technologies, efficiency and use of energy from renewable sources, but also to reduce emissions from the whole value chain using alternative feedstocks and implementing circular economic models to offer decarbonized product on the market. In this specific field multiple examples can be presented including new products and industrial initiative already developed in the field of mechanical and chemical recycling as well as in chemistry from renewables. Example are mechanical recycled PS under brand name of Revive a applied for insulation and food contact applications, Hoop technology under development at demo scale for plastics advanced chemical recycling. The value of a complementary approach between mechanical and chemical recycling as well as the importance of development of new technologies to be applied in the whole integrated chain will be better analyzed.