

REALIZZATO CON IL SOSTEGNO DI



**UNIONE EUROPEA**  
Fondo europeo di sviluppo regionale



Regione  
Lombardia



POR FESR 2014-2020 / INNOVAZIONE E COMPETITIVITÀ

# ReuSIX Project

**Beneficiaries:** Gruppo Vignoni; RadiciGroup; Gruppo Noman; Nytex srl

**Initiative carried out within the** "POR FESR 2014-2020"

**Target:** Making hosiery products, underwear and sportswear using circular knitting technology

**Action:** Reconversion of recycled material into a new raw material capable of feeding the textile production chain upstream

**Project description:** The ReuSIX project has the ambitious goal of making hosiery and underwear and sportswear apparel, produced by circular knitting technology, with recycled raw materials. The latter are developed with the aim of reducing the environmental impact of downstream processes, especially dyeing and finishing. These products will also be manufactured, adopting an ecodesign approach, and thanks to materials engineering with the aim of being able to be recyclable at the end of their life. They will therefore become raw materials again, capable of feeding the production chain upstream again, without any impact on the chemical and physical characteristics of the new 2nd generation threads and garments (ie cradle to cradle circular economy)