MACRO AREAS OF R&D PROJECTS PROPOSED IN 2017

ISIRES
ISTITUTO ITALIANO
RICERCA E SVILUPPO

Macro Area	Type of Project	Description	Notes
Automotive	• Prototyping	Design and development of automotive components in electric and hybrid vehicles in order to improve their performance and electronic control.	Financed by EU funds
		Design, production and dimensional / performance testing for the rapid prototyping of complete cars in 1:1 scale.	
Wood processing	• Prototyping	Inserting prototypes in the production and packaging process of final goods, with a high customization and innovation level of single components of the plants.	
	• Digitalization	Programming a software able to simulate the possible customizations and configurations of the machinery. Creation and development of a platform for sharing technical, commercial and online configuration of operating machines.	
Agri-food	• Digitalization	Introduction of a sensor system and digital devices to conduct and control wine-making activities.	
Mass Market Retailers, Specialized Market Retailers, Field Marketing	• Change Management	Implementation of new organizational and operational processes for the supply of field marketing services.	
Textile	• Prototyping	Design and implementation of a spinning machine to produce non-standard warps.	
Textile, Specialized Market Retailers, Agri-food, Commerce, Mechanics and Chemistry	• Digital Energy	Implementation of an innovative monitoring and management process of energy flows in energy-intensive industries.	
Pharmaceutical	• Prototyping	Design and development of prototypes for drug production and packaging lines, with a high customization and innovation level of single components of the plants.	In collaboration with University
	• Logistical	Design and construction of an innovative storage area for refrigeration of high-perishable drugs in the airport transit phase.	