

**YEARS OF INSTM:
PAST, PRESENT,
AND FUTURE OF
THE CONSORTIUM**

22-25 GENNAIO 2023
BRESSANONE
Casa della Gioventù



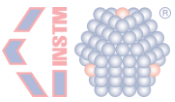
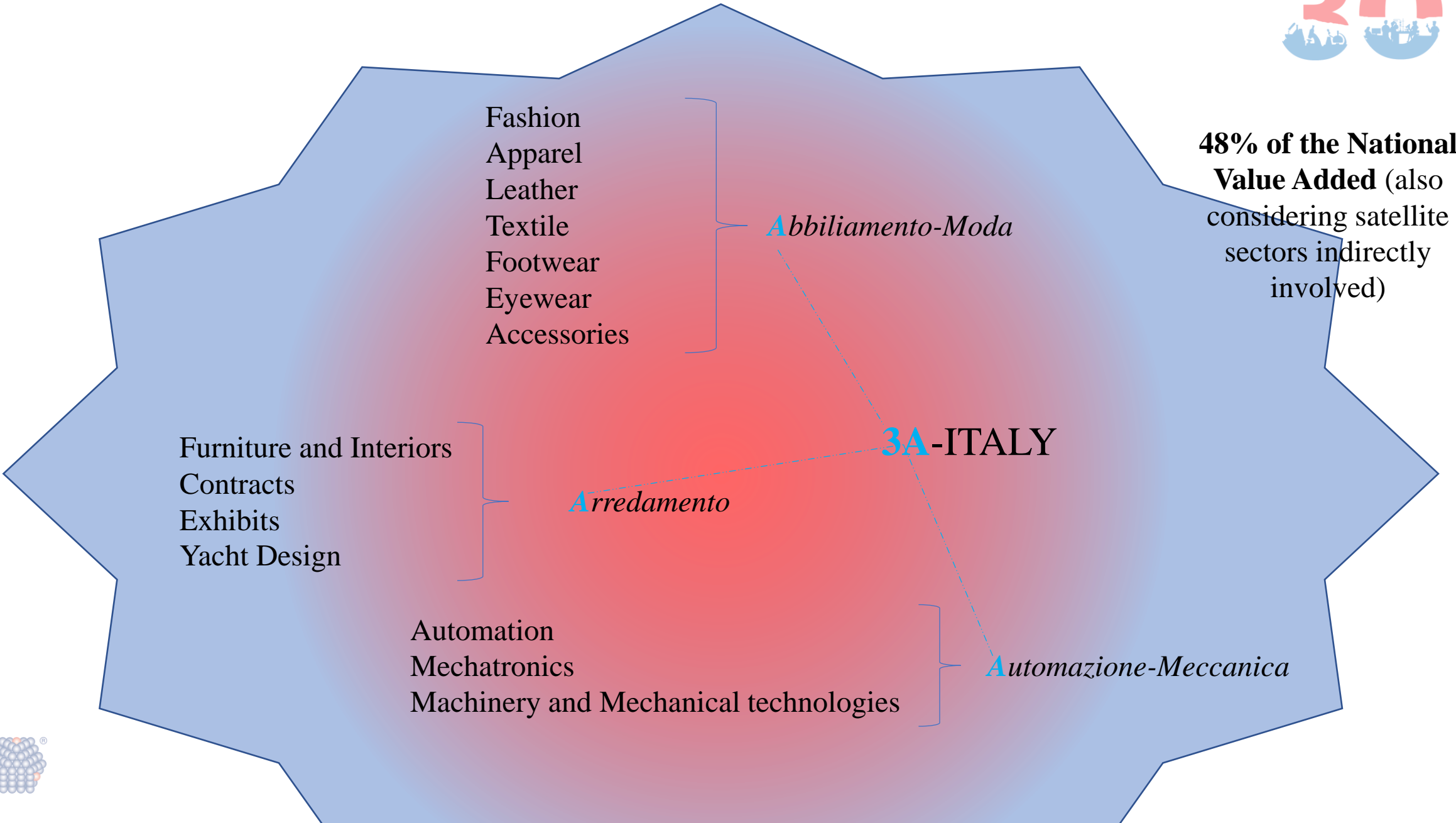
CONSORZIO INTERUNIVERSITARIO
NAZIONALE PER LA SCIENZA E
TECNOLOGIA DEI MATERIALI

ADVANCED MANUFACTURING FOR MADE IN ITALY

Paolo FINO

Politecnico di Torino

Italy has major expertise in four main industries, namely Fashion, Furniture, Automation and Food.

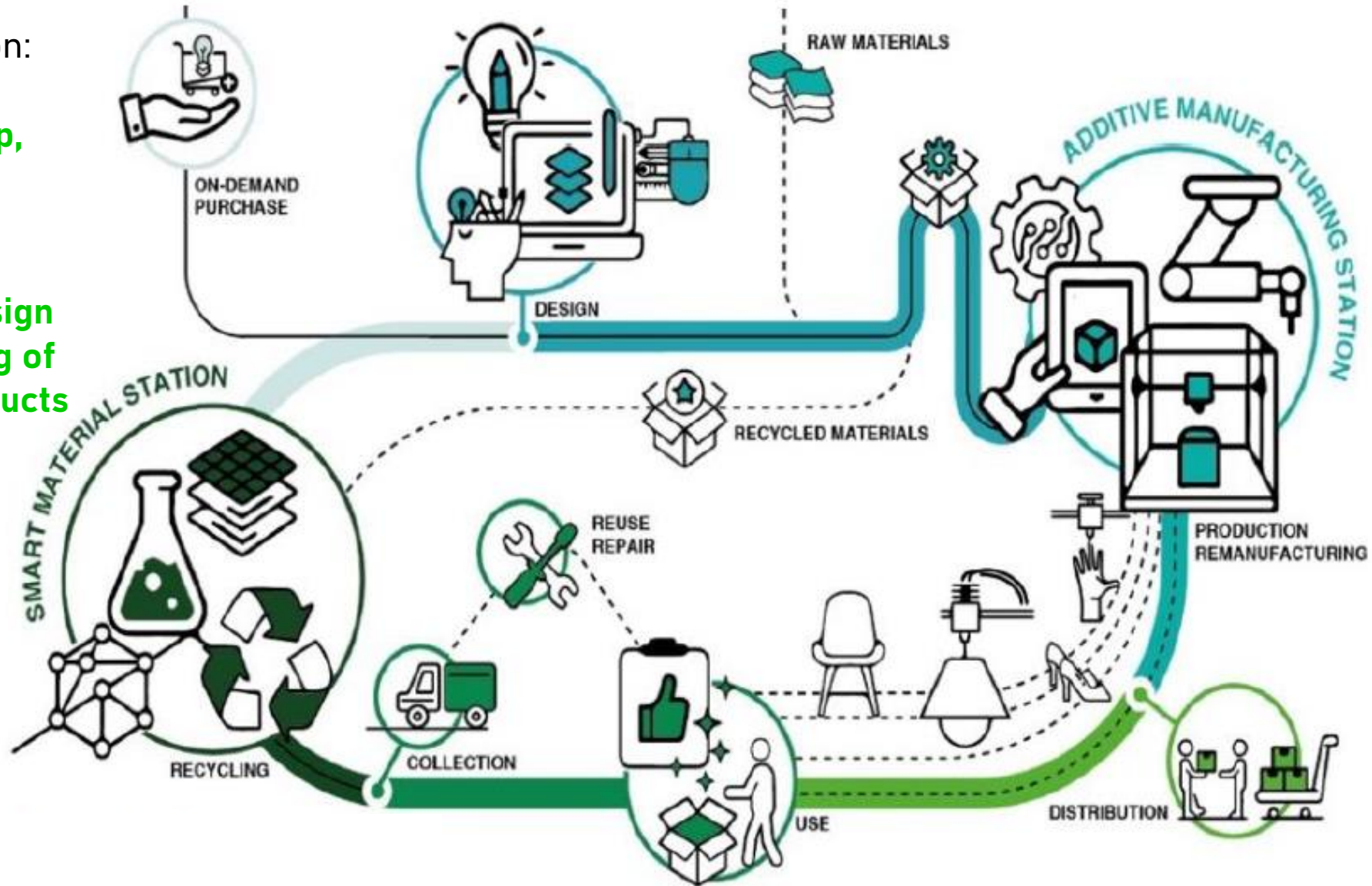


The circularity wil be fully maximized

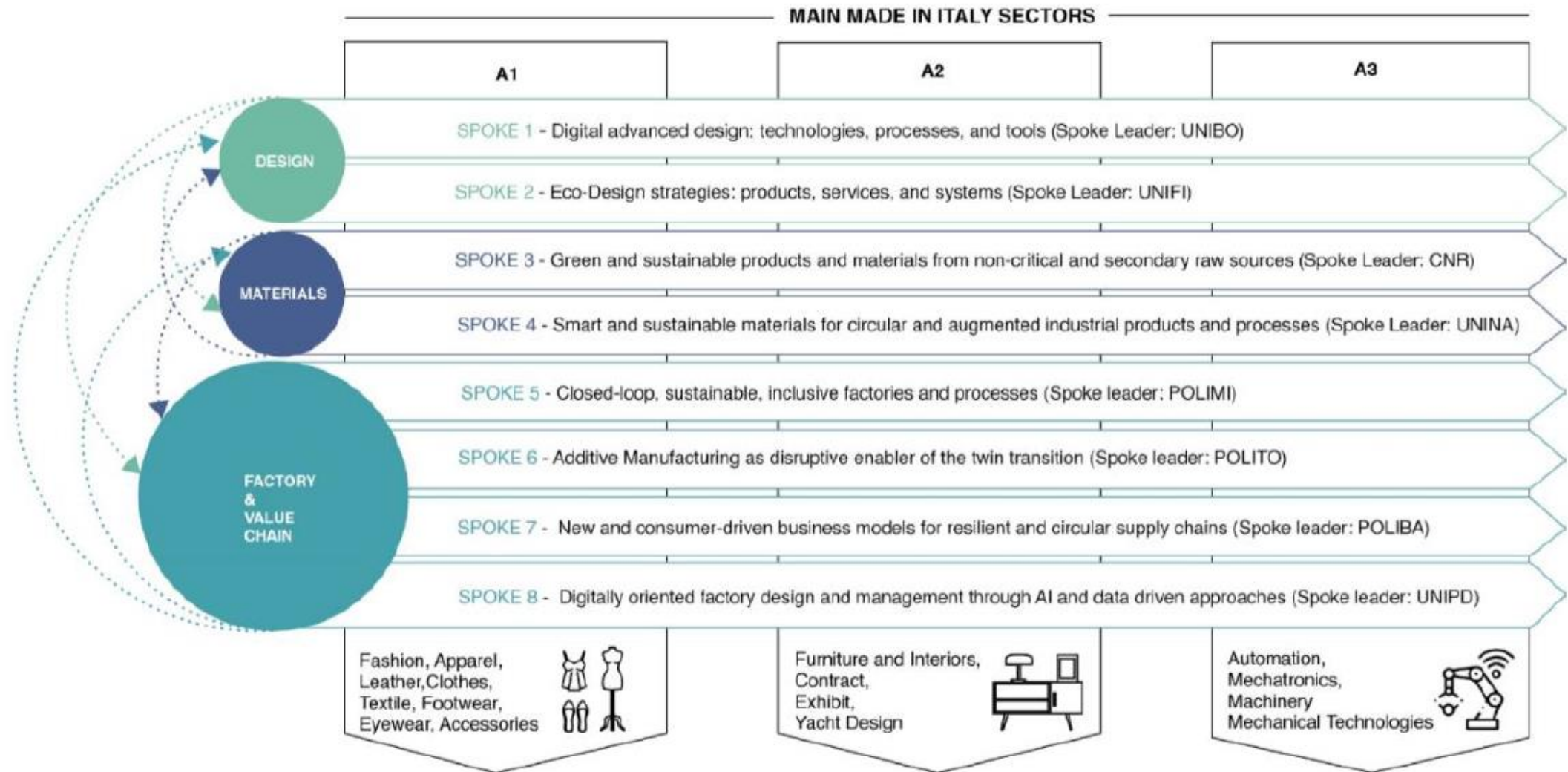


An ambitious vision:

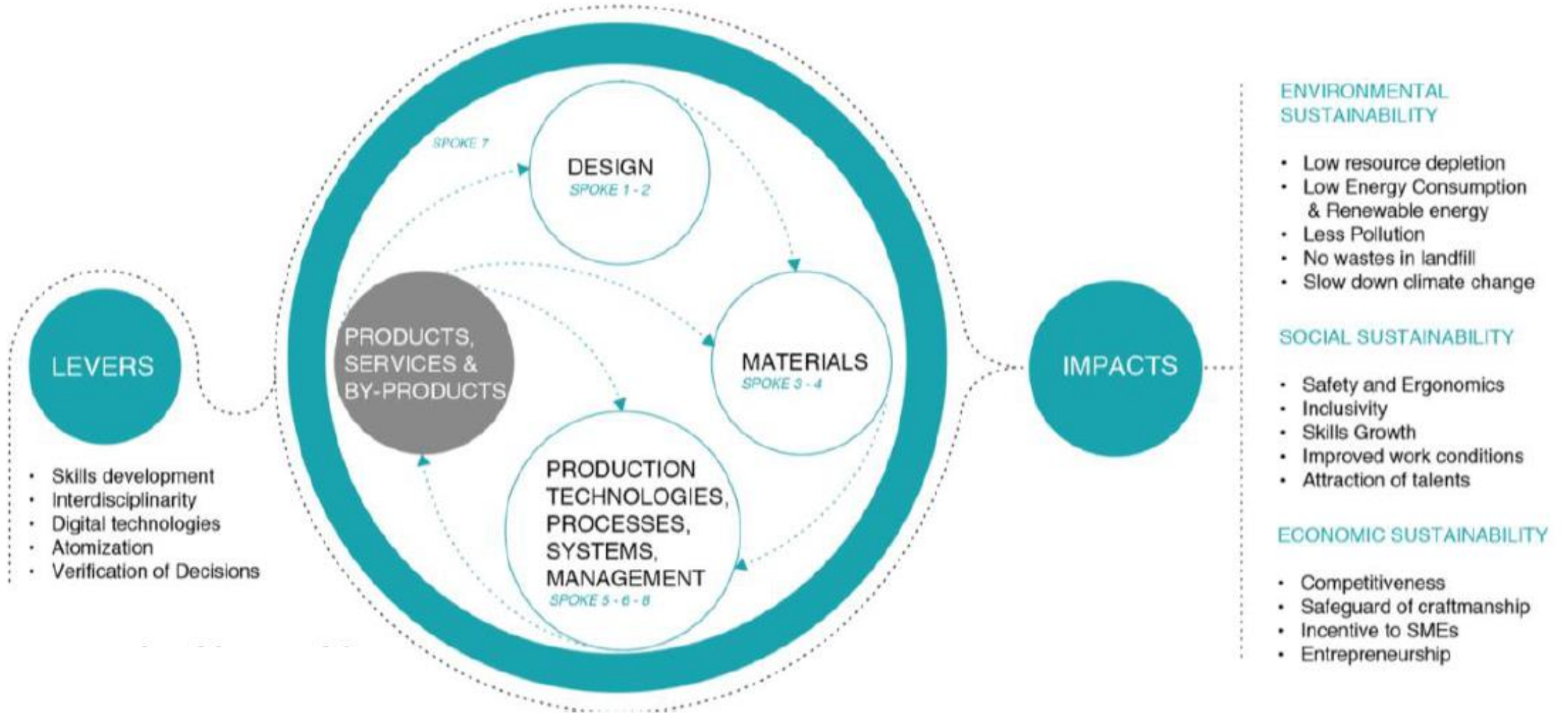
a **fully closed-loop, self-sufficient, self-regenerative, reliable, safe, and energy-aware design and manufacturing of Made in Italy products and services.**



To address the challenges related to models of design, production, consumption, the End-of-Life of materials, products, production technologies and processes for moving towards greener and circular pathways and patterns



The circularity model of 3A-ITALY



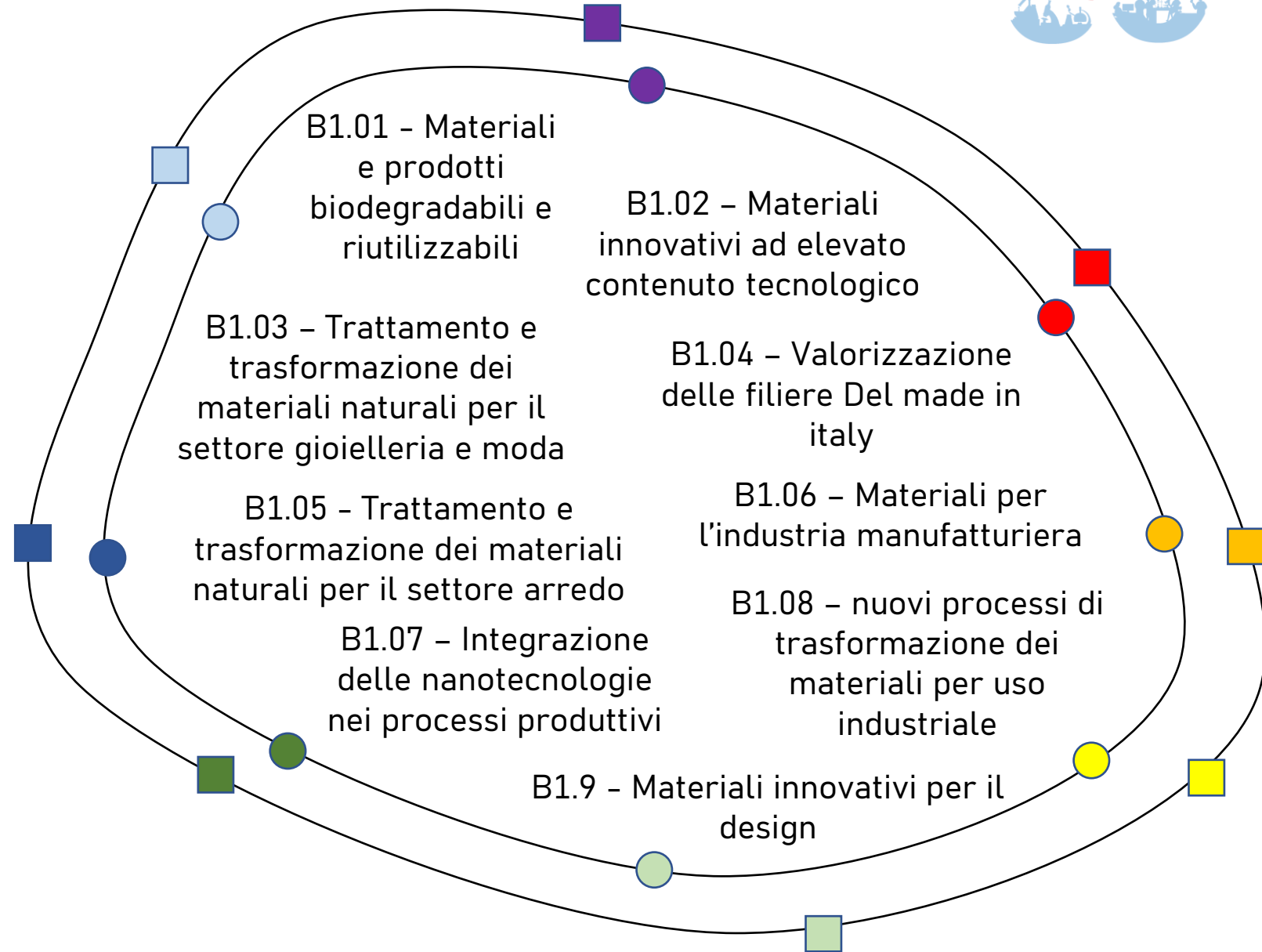


MATERIALI

- M01 - Metalli
- M02 - Polimeri
- M03 - Ceramici
- M04 - Compositi
- M05 - Vetri
- M06 - Cementizi
- M07 - Naturali
- M08 - Cellulosici

TECNOLOGIE ABILITANTI

- T01 - Calcolo scientifico e tecnologico
- T02 - Tecnologie tradizionali
- T03 - Sistemi manifatturieri avanzati
- T04 - Stampa 3D
- T05 - Nanotecnologie
- T06 - Biotecnologie industriali
- T07 - Tecnologie chimiche tradizionali
- T08 - Tecnologie chimiche innovative



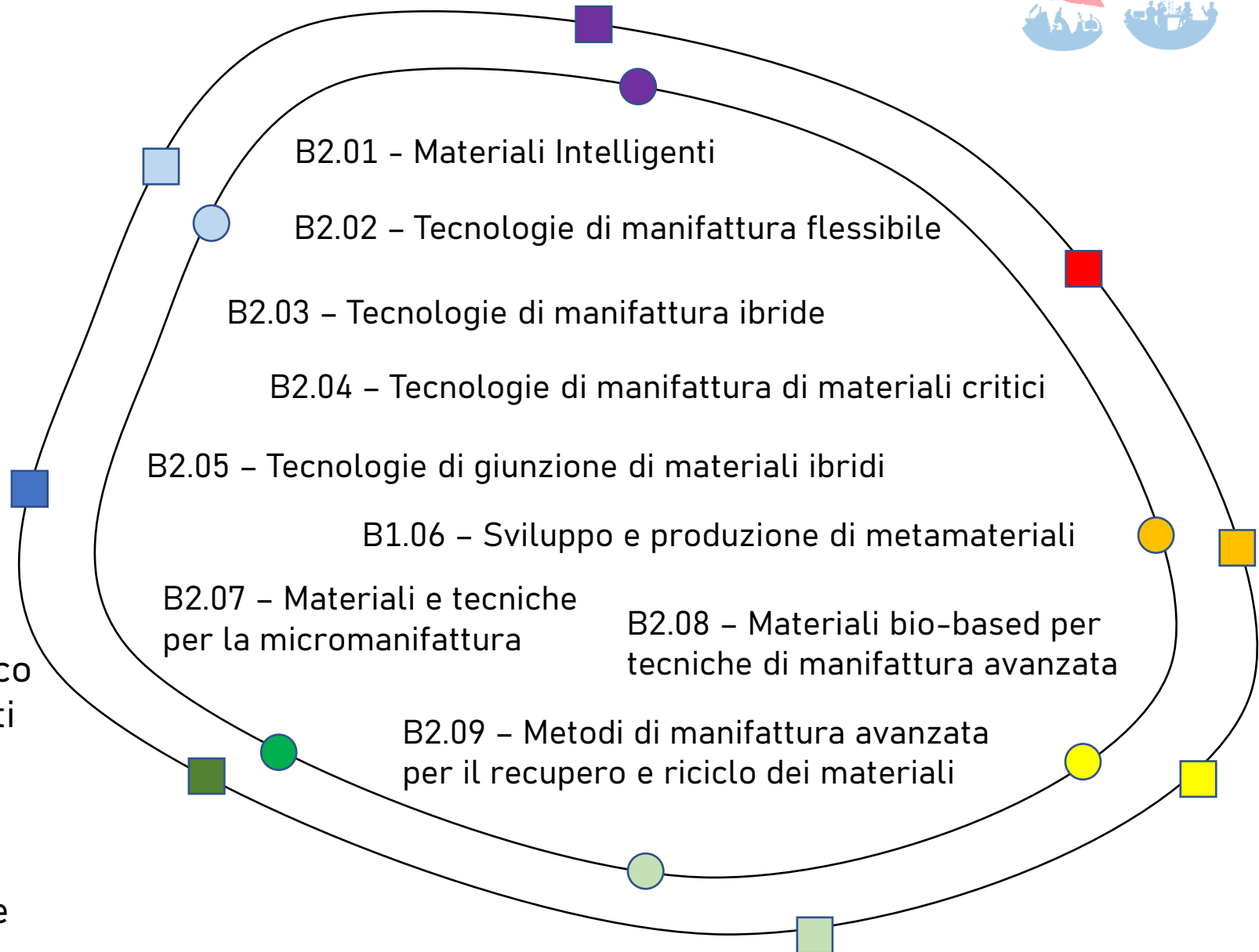


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