

SECTOR OVERVIEW

Manufacturing Industry 4.0.

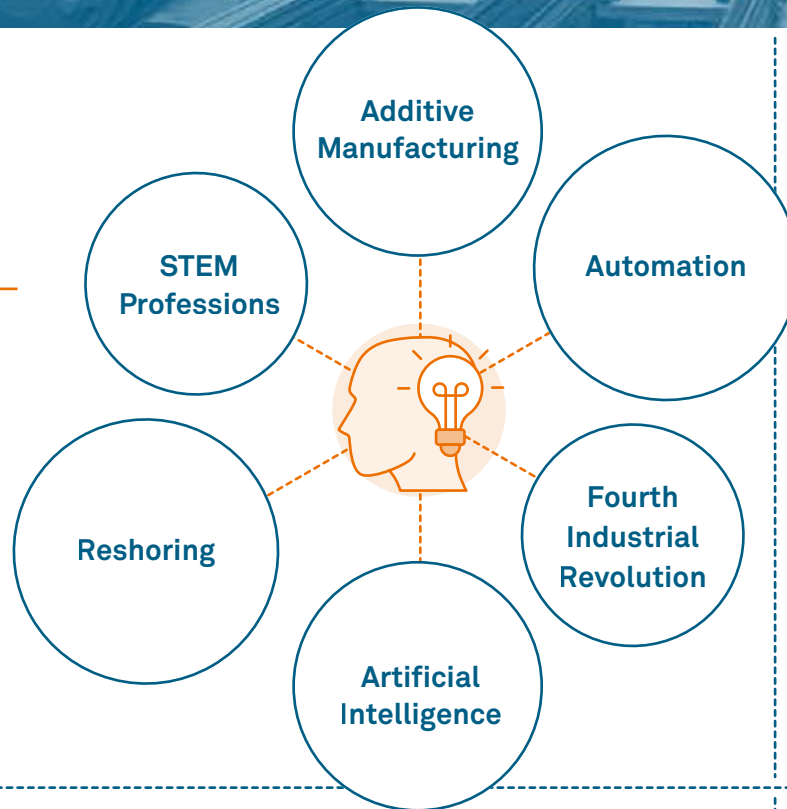


IN A NUTSHELL

These are activities aimed at **transforming raw materials into consumer goods**. Currently, the sector is undergoing a technological transformation: Industry 4.0 or the Fourth Industrial Revolution.

Two subsectors of economic activity:

- Production process
- Industrial RDI



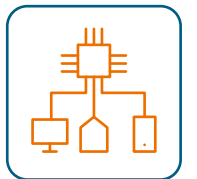
DIGITAL TRANSFORMATION



Cloud



Additive Manufacturing



Internet of Things



Robòtica

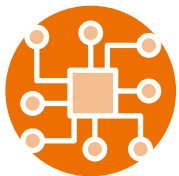


Artificial Intelligence



Big Data

SECTOR STRENGTHS IN BARCELONA



A powerful ICT sector driving the digital transformation of the manufacturing industry.



Municipal programs supporting companies to promote the adoption of new technologies in the sector.



Proximity to production centers, encouraging the attraction and retention of industrial talent.



Establishment of a hub for additive manufacturing and 3D printing in the city's environment.

6.600 industrial companies in the AMB

260 K employed individuals in the industry in the AMB

15% of Catalonia's GDP

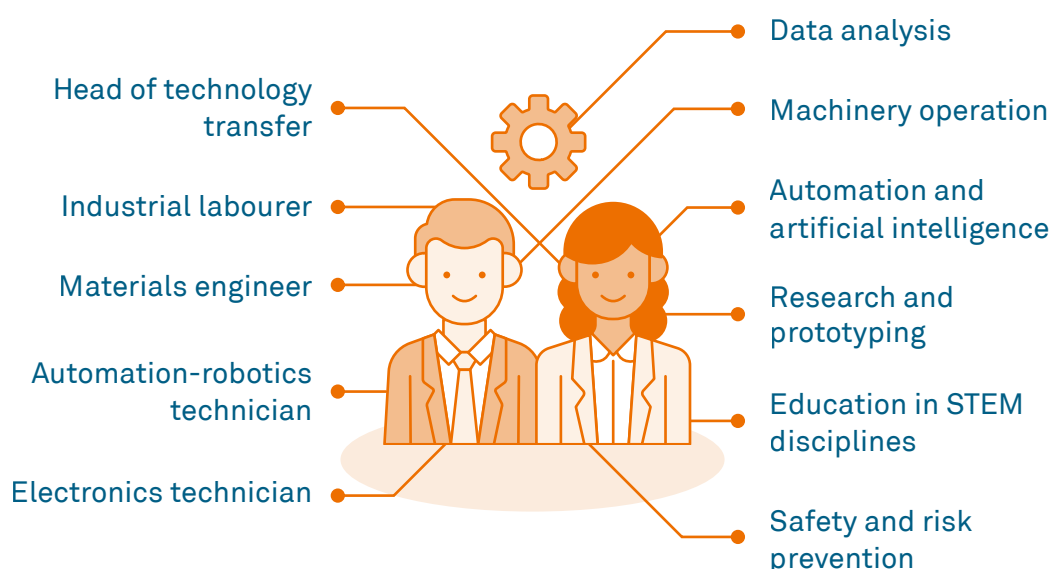
THE MOST WANTED



Professional profiles



Skills



THE FUTURE OF THE SECTOR

- A growing trend towards **production reshoring**.
- Industries pressured to increase **technological intensity** to maintain competitiveness.
- Transition towards a new, **less polluting** industrial model.



CHALLENGE

Promoting **professional recycling** and supporting small businesses to ensure the adoption of **advanced technologies** in the industry.

Do you want to work in **Manufacturing Industry 4.0**?

On the Barcelona Treball website, you will find resources to continue learning about the sector and boost your job search process.