

Perceptions Around Social Manufacturing across the EU



Scope & Demographics

A large-scale survey,
targeting 27 Countries
2789 participants
from 4 regions

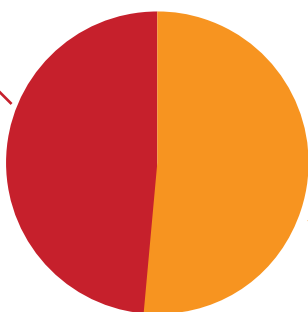


Europe:
North (**175**)
West (**1193**)
South (**803**)
Centre (**618**)

% of participants by

Gender

47%
Female



53%
Male

Target groups

Manufacturing SMEs

9.5%

Maker community

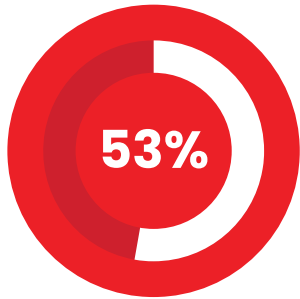
8.5%

Consumers

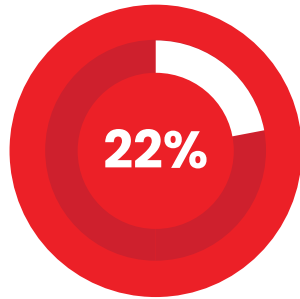
82%

Familiarity

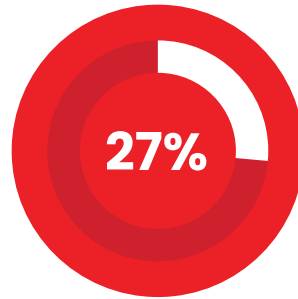
with maker movement concepts



Have previous experience with the maker movement



Believe that makerspaces and fablabs will bring a positive impact at the local level

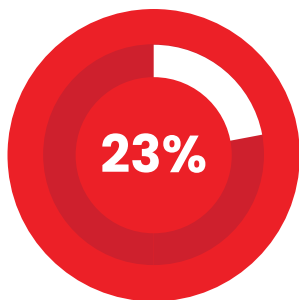
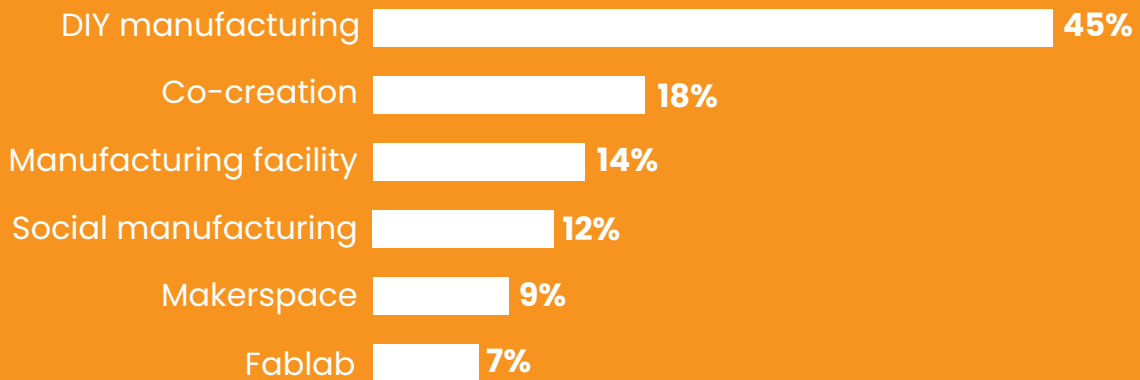


Consider that participating in makerspaces and fablabs open new professional opportunities



Have previous experience in a collaborative project, with the maker movement

Participants awareness of



Have a PhD and previous experience with the maker movement. This is two times higher than the participants with primary or secondary education



Are self-employed and have experience with the maker movement

Drivers for participation in **social manufacturing**

The main drivers for **consumers/makers** to join a social manufacturing environment are:

- ✓ accessing tools or mentorship
- ✓ acquiring new technical skills
- ✓ providing a valuable service to the community
- ✓ sharing knowledge and skills
- ✓ networking with individuals who share a common interest of makers

The main driver for **manufacturing SMEs** to join a social manufacturing environment is:

- ✓ reducing the cost of developing products and services that can in turn boost manufacturers' overall perception about makerspaces and Fablabs

Barriers to participation in **social manufacturing**

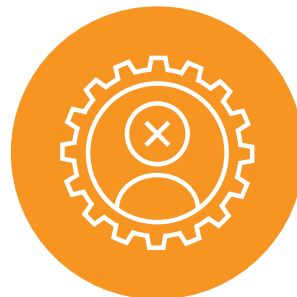
The top main barriers for the manufacturing industry, makers community and consumers are:



Concerns with sharing sensitive information within collaborative manufacturing communities



Lack of health and safety regulations and clarity about responsibility in case of an accident



Lack of inclusion, skills, and technologies



Not having enough makers, makerspaces or fablabs including information about makerspaces and their activities

Digital Platform for social manufacturing

The top-4 features the manufacturing industry, makers community, and consumers consider necessary in a digital platform are:



Training activities



Easy-to-use digital tools

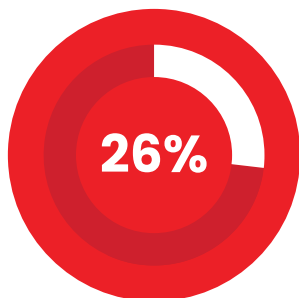


Technical lectures and mentoring from qualified experts

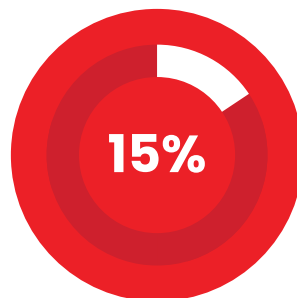


Collaboration tools

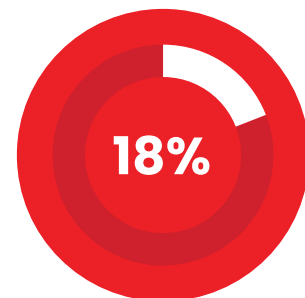
Willingness to participate and **join a makerspace**



Makers and maker community



Manufacturing SME/Industry



Consumer/general public

are strongly in favour of being involved in a makerspace or fablab



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