

Manufacturing Our Future

Fields marked with * are mandatory.

About this Survey

The EU needs to build capacity to fight a large number of challenges ahead, such as climate change, increasing inequalities, demographic trends and the emerging geopolitical developments. The way we manufacture goods needs to adapt in order to build a prosperous future for the EU. This requires new manufacturing technologies and businesses that thrive through a vision that is inclusive, sustainable, circular, regenerative and collaborative. It also requires engaging with new players, companies, sectors and organizations to complement the existing EU manufacturing landscape in Europe and find innovative solutions to manufacturing pressing challenges.

This survey is an opportunity to gather the views of the wider European Manufacturing Community on future manufacturing priorities towards 2030 and beyond and to engage in co-creation for next work programmes, building on the Strategic Research and Innovation Agenda of Made in Europe and EIT Manufacturing programmes.

The survey will also gather interest for a future workshop in autumn (provisional date 25 October 2021) that will bring together stakeholders for further discussion on the future manufacturing priorities of Europe.

You can learn more here about the [Made in Europe Co-Programmed Partnership](#) and the [EIT Manufacturing](#).

This survey will remain open until 15 September 2021.

Your consent is required for:

The processing of your personal data for inviting you to future events the data controller may organise; and

The processing of your personal data for managing your subscription to a newsletter of the data controller.

I acknowledge that I have read the Data Protection Notice attached (please see below).

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[DPN RTD consultations EU Manufacturing rev DPC .pdf](#)

The EC is committed to protecting and respecting your privacy in compliance with Regulation 2018/1725 [1].

You can find [here](#) all the information relating to the processing operations of your personal data on the EU Survey platform.

[1] Regulation 2018/1725 of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC (OJ L 295 of 21 November 2018).

Information about the respondent

* Name and Surname:

* Contact detail (e-mail):

Organization

Your Gender

* Where are you based?

- AF - Afghanistan
- AL - Albania
- DZ - Algeria
- AD - Andorra
- AO - Angola
- AG - Antigua and Barbuda
- AR - Argentina
- AM - Armenia
- AU - Australia
- AT - Austria
- AZ - Azerbaijan
- BS - Bahamas
- BH - Bahrain
- BD - Bangladesh
- BB - Barbados
- BY - Belarus
- BE - Belgium
- BZ - Belize
- BJ - Benin

- BT - Bhutan
- BO - Bolivia
- BA - Bosnia and Herzegovina
- BW - Botswana
- BR - Brazil
- BN - Brunei Darussalam
- BG - Bulgaria
- BF - Burkina Faso
- BI - Burundi
- CV - Cabo Verde
- KH - Cambodia
- CM - Cameroon
- CA - Canada
- CF - Central African Republic
- TD - Chad
- CL - Chile
- CN - China
- CO - Colombia
- KM - Comoros
- CG - Congo
- CR - Costa Rica
- CI - Côte D'Ivoire
- HR - Croatia
- CU - Cuba
- CY - Cyprus
- CZ - Czechia
- CD - Democratic Republic of the Congo
- DK - Denmark
- DJ - Djibouti
- DM - Dominica
- DO - Dominican Republic
- EC - Ecuador
- EG - Egypt
- SV - El Salvador
- GQ - Equatorial Guinea
- ER - Eritrea
- EE - Estonia
- SZ - Eswatini
- ET - Ethiopia
- FJ - Fiji
- FI - Finland
- FR - France
- GA - Gabon
- GM - Gambia
- GE - Georgia
- DE - Germany
- GH - Ghana

- GR - Greece
- GD - Grenada
- GT - Guatemala
- GN - Guinea
- GW - Guinea Bissau
- GY - Guyana
- HT - Haiti
- HN - Honduras
- HU - Hungary
- IS - Iceland
- IN - India
- ID - Indonesia
- IR - Iran
- IQ - Iraq
- IE - Ireland
- IL - Israel
- IT - Italy
- JM - Jamaica
- JP - Japan
- JO - Jordan
- KZ - Kazakhstan
- KE - Kenya
- KI - Kiribati
- KW - Kuwait
- KG - Kyrgyzstan
- LA - Laos
- LV - Latvia
- LB - Lebanon
- LS - Lesotho
- LR - Liberia
- LY - Libya
- LI - Liechtenstein
- LT - Lithuania
- LU - Luxembourg
- MG - Madagascar
- MW - Malawi
- MY - Malaysia
- MV - Maldives
- ML - Mali
- MT - Malta
- MH - Marshall Islands
- MR - Mauritania
- MU - Mauritius
- MX - Mexico
- FM - Micronesia
- MC - Monaco
- MN - Mongolia

- ME - Montenegro
- MA - Morocco
- MZ - Mozambique
- MM - Myanmar
- NA - Namibia
- NR - Nauru
- NP - Nepal
- NL - Netherlands
- NZ - New Zealand
- NI - Nicaragua
- NE - Niger
- NG - Nigeria
- KP - North Korea
- MK - North Macedonia
- NO - Norway
- OM - Oman
- PK - Pakistan
- PW - Palau
- PA - Panama
- PG - Papua New Guinea
- PY - Paraguay
- PE - Peru
- PH - Philippines
- PL - Poland
- PT - Portugal
- QA - Qatar
- MD - Republic of Moldova
- RO - Romania
- RU - Russian Federation
- RW - Rwanda
- KN - Saint Kitts and Nevis
- LC - Saint Lucia
- VC - Saint Vincent and the Grenadines
- WS - Samoa
- SM - San Marino
- ST - Sao Tome and Principe
- SA - Saudi Arabia
- SN - Senegal
- RS - Serbia
- SC - Seychelles
- SL - Sierra Leone
- SG - Singapore
- SK - Slovakia
- SI - Slovenia
- SB - Solomon Islands
- SO - Somalia
- ZA - South Africa

- KR - South Korea
- SS - South Sudan
- ES - Spain
- LK - Sri Lanka
- SD - Sudan
- SR - Suriname
- SE - Sweden
- CH - Switzerland
- SY - Syrian Arab Republic
- TJ - Tajikistan
- TZ - Tanzania
- TH - Thailand
- TL - Timor-Leste
- TG - Togo
- TO - Tonga
- TT - Trinidad and Tobago
- TN - Tunisia
- TR - Turkey
- TM - Turkmenistan
- TV - Tuvalu
- UG - Uganda
- UA - Ukraine
- AE - United Arab Emirates
- GB - United Kingdom
- US - United States of America
- UY - Uruguay
- UZ - Uzbekistan
- VU - Vanuatu
- VE - Venezuela
- VN - Viet Nam
- YE - Yemen
- ZM - Zambia
- ZW - Zimbabwe

* Please select which stakeholder group(s) you belong to:

- Industry
- SMEs (less than 250 employees)
- Researcher
- Start-up
- ERC Grantee
- University/RTO
- Other (please specify)

If other, please specify

400 character(s) maximum

Questions

Opportunities



1. The European Partnership Made in Europe between the Commission and the industry pursues four general objectives in the years 2021 to 2027. The EIT Manufacturing is closely cooperating with this partnership in this respect. Could you please say, for each objective, how important you see it now for the recovery and whether you believe it will be relevant in 2030. Rank each objective from 1 (least important) to 5 (most important)

Ensuring European leadership and manufacturing excellence

Relevant now for the recovery (rank from 1 to 5)	★ ★ ★ ★ ★
Relevant in 2030 (rank from 1 to 5)	★ ★ ★ ★ ★

Comments

400 character(s) maximum



Achieving circular and climate-neutral manufacturing

Relevant now for the recovery (rank from 1 to 5)	★ ★ ★ ★ ★
Relevant in 2030 (rank from 1 to 5)	★ ★ ★ ★ ★

Comments

400 character(s) maximum



Mastering digital transformation

Relevant now for the recovery (rank from 1 to 5)	
Relevant in 2030 (rank from 1 to 5)	

Comments

400 character(s) maximum

Creating attractive value-added jobs

Relevant now for the recovery (rank from 1 to 5)	
Relevant in 2030 (rank from 1 to 5)	

Comments

400 character(s) maximum

2. Should future discussions within the Made in Europe Partnership include further general objectives or should the above general objectives be adapted in view of your opinion what is relevant for the recovery or for 2030? Please comment

500 character(s) maximum

3. What product and/or markets are you as a manufacturer mainly interested in?

- Aeronautics
- Automotive industry
- Batteries
- Biotechnology
- Chemicals
- Construction
- Cosmetics
- Electrical and electronic engineering industries
- Energy intensive industries
- Energy suppliers
- Food and drink industry
- Healthcare industries
- Maritime transport industries
- Mechanical engineering
- Pressure equipment and gas appliances
- Raw materials, metals, minerals and forest-based industries

- Social economy
- Space
- Textiles, Fashion and creative industries
- Toys
- Others

If others, please specify

200 character(s) maximum

Possible bottlenecks and shortcomings

4. Which are the main bottlenecks manufacturing companies may face for their future activities? (can select more than one)

- Access to finance
- Access to technologies
- Availability of skills
- Availability of components / raw materials
- Access to supply and value chains
- Others

If others, please specify

400 character(s) maximum

5. Do you think that the access to critical raw materials has had sufficient attention under the current manufacturing priorities? If no, please indicate which issues you would expect to deal with under research and innovation priorities

- Yes
- No

Comments

400 character(s) maximum

6. Is there a need for more attention to the attractiveness of jobs in manufacturing? Please indicate which issues should be tackled more in research and innovation

- Yes
- No

Comments

400 character(s) maximum

7. Is there a need for more attention to deal with the entire lifecycle of products from the point of view of manufacturers? Is there any specific technology that could improve the sustainability and the added value of products after manufacturing?

- Yes
- No

Comments

400 character(s) maximum

8. Is there a need for more attention to include young researchers, postdoc students or the makers' community into tackling research and innovation priorities in manufacturing ?







- Young researchers
- Postdoc researchers
- Makers' community
- None of them

Comments

400 character(s) maximum

Discuss next priorities

9. Which technological challenges would you be interested to discuss in view of the next Work Programme 2023-2024? . Please rank them from 1 (least important) to 5 (more important)

Circular and climate neutral manufacturing	
Efficiency improvements across the entire product lifecycle (Increasing the life span)	
Advanced and smart material processing technologies and process chains, including recycling and remanufacturing	
Urban mining, urban manufacturing	
Modelling/simulation-based approaches and characterisation data management systems for material and product development	
Smart mechatronics, robotics and logistic technologies	

Data analytics and (cognitive) artificial intelligence; simulation and modelling digital twins	★ ★ ★ ★ ★
Digital platforms and data sharing solutions, robust and secure industrial communication technologies	★ ★ ★ ★ ★
Artificial Reality / Virtual Reality / advanced human-machine interfaces for manufacturing	★ ★ ★ ★ ★
Cybersecurity technologies for manufacturing	★ ★ ★ ★ ★
Digital technologies for traceability (e.g. distributed ledgers / blockchain)	★ ★ ★ ★ ★
New business models, manufacturing organisation approaches	★ ★ ★ ★ ★
Human-centred science and innovation approaches	★ ★ ★ ★ ★
Skilled Workforce	★ ★ ★ ★ ★
Reference materials and measurements for standardisation	★ ★ ★ ★ ★
Standards	★ ★ ★ ★ ★
Retaining and reusing product functionalities	★ ★ ★ ★ ★

If other, please specify

400 character(s) maximum

10. Which of the above priorities are more important to achieve the general objective you have chosen ?

500 character(s) maximum

11. Would you like to participate in a workshop on EU Manufacturing on 25 October 2021 to discuss the outcome of the survey and to discuss priorities for the future work programme?

Yes

No