

Future of Global Manufacturing Ecosystems 2040 Participant Information Sheet

Investigators Details:

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We would like to invite you to take part in our study. Before you decide we would like you to understand why the research is being done and what it would involve for you. One of our team will go through the information sheet with you and answer any questions you have. Talk to others about the study before deciding if you wish.

What is the purpose of the study?

This study aims to explore what the future of the global manufacturing ecosystem may look like in 2040 it will enable us to deliver the future we want with respect to global participation. The study is to find how technology development would change business models particularly where it is dependent on the integrated global value chain. It will also find answers on shaping of future of manufacturing business through the adoption of industrial digital technologies. It is the presumption that soon customer involvement in the production process will be integrated using digital technologies. Broadly the study is to find

1. What could the future of the global manufacturing ecosystem be in 2040 (define vision)?
2. What are the key drivers to enable this global vision?
3. What productivity factors can be improved with the key drivers considered for the change?
4. Identify the enablers and inhibitors to adopt the respective vision.
5. Possible actions and timeline to reach the vision.
6. What are associated business models (BMs)?
7. How do manufacturing firms adopt IDTs to enable the vision (desired future)?

Who is doing this research and why?

This study is part of the core research program under the InterAct network (Made Smarter Network+) funded by the Economic and Social Research Council (ESRC). The study will be undertaken by Dr. Usman Ghani, Dr. Grammatoula Papaioannou (CI), and Prof Jan Godsell (Co-PI).

Are there any inclusion or exclusion criteria?

You must be over the age of 18 and have the capacity to fully understand and consent to this research.

What will I be asked to do?

You will be asked to attend an interview to share your views on the possible vision of the future of the global manufacturing ecosystem and value chain development and relevant enabling and inhibiting factors.

Will I be asked to attend any sessions and where will these be?

Upon mutual consent, the interview can be arranged online (i.e. Teams call) at a time arranged with the Researcher.

How long will it take?

The interview will be approximately 1 hr.

Once I take part, can I change my mind?

After you have read this information, asked any questions you may have, and decided that you are happy to participate we will ask you to complete an Informed Consent Form. However, if at any time, before, during, or after the study you wish to withdraw from the study, please just contact the Researcher. You can withdraw at any time, for any reason and you will not be asked to explain your reasons for withdrawing.

Once the results of the study have been analyzed (5 days after the interview is undertaken), it may not be possible to withdraw your individual data from the research.

Is there anything I need to do before the sessions?

It only requires some preparation beforehand to think about the interview questions.

Is there anything I need to bring with me?

You do not need to bring anything with you to the session.

Are there any disadvantages or risks in participating?

No disadvantages or risks have been identified.

Data Protection Privacy Notice

Loughborough University will be using information/data from you in order to undertake this study and will act as the data controller for this study. This means that the University is responsible for looking after your information and using it properly.

What personal information will be collected from me and how will it be used?

Identifiable personal information including your name and contact details will be collected. We need your name as part of the consent process and your contact details to arrange the interview.

What is the legal basis for processing my personal information?

Personal data will be processed on a public task basis. For further details on the data protection legislation see: <https://ico.org.uk/your-data-matters/>

Under the General Data Protection Regulation (GDPR), some of the personal data which will be collected from you are categorized as “sensitive data”. The processing of this data is necessary for scientific research in accordance with safeguards. This means that the study has gone through an ethical committee to ensure that the appropriate safeguards are put in place with respect to the use of your personal data.

How long will my identifiable personal information be retained?

We will keep identifiable personal information about you until the study is completed and no longer than one year.

Will my identifiable personal information be shared with others?

Your identifiable personal information will only be shared with the investigators involved in the study.

Will my taking part in this study be kept confidential?

No identifiable personal information will be included in any of the project submissions or shared beyond the investigators. No individual will be identifiable in any report, presentation, or publication.

How will the anonymized data/results collected from me be used?

Your anonymized data will be used in a report/conference paper/journal publication.

All information will be securely stored on the University IT systems (OneDrive).

How long will the anonymized data/results be retained?

Anonymized data will be retained until the final project marks have been verified and no longer than one year.

I have some more questions; Who should I contact?

If you have any further questions, please contact:

Dr Usman Ghani
u.ghani@lboro.ac.uk

What if I am not happy with how the research was conducted?

If you are not happy with how the research was conducted, please contact the Secretary of the Ethics Review Sub-Committee, Research & Enterprise Office, Hazlerigg Building, Loughborough University, Epinal Way, Loughborough, LE11 3TU. Tel: 01509 222423. Email: researchpolicy@lboro.ac.uk

The University also has policies relating to Research Misconduct and Whistle Blowing which are available online at <https://www.lboro.ac.uk/internal/research-ethics-integrity/research-integrity/>.

If you require any further information regarding the General Data Protection Regulations, please see <https://www.lboro.ac.uk/privacy/research-privacy/>.