BEYOND 4.0

Expert Workshop
on 29ᵗʰ of March 2021

Statistical Needs for Research in Social Sciences

On-line event

Organised by Cnam-CEET in the framework of the Beyond4.0 project

To register your attendance :

https://framaforms.org/beyond40-workshop-29th-of-march-2021-1615825339

For any question, please contact : sylvie.hamon-cholet@lecnam.net

beyond4.0.eu

1 Context

BEYOND4.0 aims to help deliver an inclusive European future by examining the impact of the new technologies on the future of jobs, business models and welfare. We use a multidisciplinary research approach undertaken by a top-tier consortium with stakeholder engagement throughout the project.

BEYOND4.0 has five objectives:
- Provide new, scientific insight into technological transformation;
- Provide new, scientific insight into company strategies dealing with technological transformation;
- Examine the impact of technological transformation on quality, content, and distribution of work; skill needs; education and training; value creation by companies;
- Identify policy options for fiscal policy (e.g. robot taxes) and welfare policy (e.g. basic income);
- Identify social investment approaches and tools for inclusive growth.

BEYOND4.0 addresses the general priorities of the H2020 Work Programme (2018-2020) 'Europe in a changing world - Inclusive, innovative and reflective societies', with
- Better addressing challenges of the 4th Industrial Revolution in the context of digitisation by providing alternative policy options;
- Contributing to equitable, sustainable prosperity through scientific evaluations, co-creation and bottom-up solutions;
- Contributing to the UN's Sustainable Development Goals.

In conclusion, the Beyond4.0 project will provide insights and measures that help address poverty, equality, decent work, in formulating an alternative for a low road Industry 4.0. approach.

2 Objectives of the workshop

The Beyond4.0 project proposes to mobilise existing European statistical databases to allow an empirical and spatio-temporal approach of the socio-economic consequences of technological transformations. The main idea is to build databases that can be used by all project teams, and in the longer term to share them with other research infrastructures, such as InGRID-2.

Therefore, it is a question of building integrated and harmonised databases, making it possible to measure technological change over time and understand how it relates with employers' choices in terms of organisational designs and practices and with workers' outcomes within organisations and on the labour market. To this end, we sought to aggregate and match existing databases resulting from European surveys, such as LFS, ICT usage, ECS or EWCS over several years and for all the available countries to build linked employer/employee databases.

We have three objectives for the workshop. The first one is to bring together producers and users to opportunities and barriers to the development of aggregated and harmonised linked employer/employee databases, and options to be taken into existing surveys to facilitate this task.
The second one is to propose and discuss a measurement frame based on existing surveys to follow technological developments and analyse their consequences from the points of view of organisations and workers. The last one is to discuss data access and servicing policies by confronting producers' and users' views.

This workshop consists of three sessions that aim to meet these three objectives.

3 Agenda

Date: 29th of March 2021

Place: On-line event

Program

10:00 – 10:15   Opening session

- o   Nathalie Greenan, Sylvie Hamon-Cholet (Cnam-CEET)

10:15 – 12:30   Session 1 > Building integrated and harmonised employer/employee databases

- o   Presentations
- o   Discussion (moderator: Nathalie Greenan – Cnam-CEET)

Coffee break: 15 mn around 11:15

Lunch break: 12h:30 – 13:30

13:30 -15:45   Session 2 > How to measure technological transformations in existing databases: barriers and recommendations for improvement

- o   Presentations
- o   Discussion (moderator: Christine Erhel - Cnam-CEET)

Coffee break: 15 mn

16:00 -17:15   Session 3 > Servicing data access: what is needed

- o   Round table
- o   Discussion (moderator: Steven Dhondt –TNO)

17:15 – 17:30   End session > Conclusions and perspectives

- o   Nathalie Greenan (Cnam-CEET), Steven Dhondt (TNO)