



## TECHNEQUALITY: half way through the project

While the summer holidays were certainly different this year compared to other, we do hope that all our readers (and their loved ones) are healthy and have been able to rest and relax for a few weeks.



This July marked the **halfway point of our project**. Up to this point, we already finished several organisational deliverables (ex: our website, a Communication and Dissemination Plan, a Data Management Plan, a Quality Assurance plan) and eight substantive deliverables (reports, datasets and a policy brief). The latter can be found on our [website](#). Before the end of the year, five more reports will be finished and another 12 will be submitted in 2021, meaning the project is moving along according to schedule. We are very proud of our team's commitment and drive, particularly given the unusual circumstances encountered this year!

## TECHNEQUALITY results

### Scenarios for the impact of automation on work in Europe

The Technequality team analysed how intelligent machines could change the labour markets in EU countries. Through their research, they find that the impact of automation on work will be enormous and estimate that the number of jobs destroyed in Europe by 2030 ranges from 12.5 million to 106.6 million, depending on the scenario. Read more about it [here](#).

### Educating today for tomorrow's labour market

The TECHNEQUALITY Work Package 3 has started with the completion of a **literature review** on country differences in education systems and of major changes and policy debates in recent years as well as with the completion of a **cross-national database** on indicators of education system characteristics.

**The literature review**, drawing on various theoretical and empirical sources as well as policy documents, **focuses on vocational, higher and adult education**.

It is evident that technological change will have a profound impact on the world of work, and this change will affect the availability of jobs, the tasks that make up certain jobs and the skill sets required in the labour market. One message from the literature review is that **there are two major challenges to education systems in times of technological changes: increasing the importance of adult education and training, and the provision of general cognitive skills in vocational education**.



**The database** on relevant indicators of education system characteristics **provides information for cross-country comparisons**. It contains data on more than 130 indicators in education, economic and social spheres for the period from 2000 to 2018.

**Both the literature review and the database of indicators will be applied as a foundation for the analysis to be carried out in the next stages of the project.**

Read the full report [here](#).

### **TECHNEQUALITY upcoming events and media appearances**

- [POLITICO AI SUMMIT 2020 Brussels](#). TECHNEQUALITY Project coordinator Mark Levels is invited to chair a round table about access to talent at this summit. The summit was postponed to 30 September and 1 October. If you wish to join, please check the website.
- [‘The course of the pandemic is more predictable than the economic consequences’](#). Article about Mark Levels published on the Maastricht University website.
- On the website of the Universiteit van Nederland, Mark Levels explains what to do in order to keep your job in times of technological innovations in an article titled [‘Hoe voorkom jij dat je werkloos wordt’](#). Spoiler (for non-Dutch speakers): learn how to learn and gain new, essential skills.
- Didier Fouarge (Maastricht University) and Alistair Smith (Cambridge Econometrics) were cited in the trade magazine for economists ESB online ([‘Door automatisering verdwijnen er tientallen miljoenen banen’](#)). In the article, written in Dutch, they explain that millions of jobs will disappear in Europe as a result of robotisation and artificial intelligence.

### **News**

- Due to COVID-19, we had to **cancel our TECHNEQUALITY Consortium Conference planned on 18-19 June in Brussels**. We have now planned an internal (digital) Consortium Meeting on 8 October during which we will discuss our results so far. The Consortium Conference open to all academics, policy-makers, business representatives and other people interested will take place in **January 2021**.

- In May 2020, **we received our Review Report from the European Commission**. Based on their feedback, we have been revising some of our deliverables and our Technical Report. **Our Monitors were very pleased with the results so far and with the way we implemented the requested changes and therefore all deliverables have now formally been accepted**. The revised deliverables are available on our website!

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