



### **TECHNEQUALITY New year Update**

First of all, we wish you all a very happy and healthy 2021! We hope that this year brings you joy and success.



While we hope that in 2021, we will be able to get together in person again, we have now all gotten used to working from home with Zoom, Microsoft Teams, Skype, Webex or other comparable tools. Although it is not always very pleasant and can be quite tiresome (especially with children or pets around), it actually does work surprisingly well, and our progress has not been in any way delayed by this way of working. We do have some small delays, but these are due to other factors.

One might assume that the COVID-19 pandemic, along with other threats, would speed up the implementation of AI and robotics, and that this would impact our results. While we receive many questions about this, we often cannot answer them in the context of Technequality, as our project began before the pandemic, which is therefore not within our scope. Still, it is surprising to see how new triggers can completely change the situation. If anything, this offers plenty of opportunities for further research.

As we dive in to 2021, we hope to write many more interesting reports and policy briefs and even to finish our project after three exciting years. But we still have some work to do!

## **TECHNEQUALITY results so far**

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

This fall, we developed a web tool based on our earlier [report](#) about this subject. The goal of the tool is to help visualise and understand the impact of AI and robotics on employment, per country and type of industry. The impact is depending on three variables being 1) penetration of automation 2) the speed of adaptation and 3) potential restrictors to the adoption of automation.

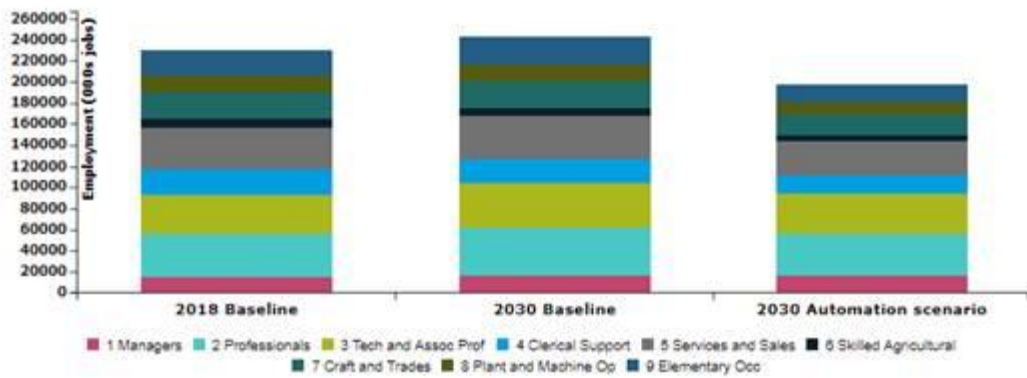


## Labour market forecasting scenarios for automation risks: Results

Select a country and industry to explore

Country **EU\_28** Industry **All industries**

Select the scenario assumptions' combination\*\*



\*The employment by occupation less than 1,000 jobs is not disclosed.

\*\*The full description of all the scenarios and assumptions can be found in [Heald, Smith and Fouarge \(2019\) - Labour market forecasting scenarios for automation risks: Approach and outcomes, D1.4 Report on technological innovations and the labour market](#)

Find out more about how the tool works and what the potential scenarios are [here](#).

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

- This January and February, we are excited to host a series of three short lunch webinars. These events will be an opportunity for participants to learn more about our results and to discuss them directly with their authors. If you are interested in joining, please subscribe for free via the specific event link below or send an email directly to [Technequality-sbe@maastrichtuniversity.nl](mailto:Technequality-sbe@maastrichtuniversity.nl)!
- **20 January: Scenarios on how Technological Innovations affect Work by Prof. Dr. Didier Fouarge (Maastricht University).**
- **3 February: Technological Change, Skills and Labour Market Outcomes by Prof. Dr. Tomas Korpi (Stockholm University)**
- **10 February: Which regime Works best in Social Welfare? Comparison of Outcomes of Dutch RCT Experiments and Lessons Learned for Social Policy by Prof. Dr. Ruud Muffels (Tilburg University)**
- Last year, our researchers appeared several times in the media. Here are some examples from between August and December 2020:
  - How do you prevent losing your job?: interview (in Dutch) with Mark Levels on Universiteit van Nederland
  - How can we bring life to the participation law: podcast (in Dutch) with Ruud Muffels on Platform 31
  - Lifelong learning: podcast (in Dutch) with Annemarie Kuhn on Dutch News Radio
  - Tens of millions of jobs will disappear as a result of automation: article (in Dutch) by Didier Fouarge in ESB, an online trade magazine for economists

## **News**

- Technequality organised a Consortium Meeting last October. While we would have liked to get together in person, this was not possible. So instead, we organised an online event with presentations and breakout sessions. The event was engaging, and a great deal of interesting and insightful information was shared. Hopefully, we can organise a similar event in 2021, this time in person!
- Mark Levels was a co-chair at the round table ‘Access to Talent’ at the annual Politico AI Summit.

- The Maastricht University communications team developed a [video about Technequality](#) starring Raymond Montizaan and Mark Levels.

© 2021

TECHNEQUALITY CONSORTIUM

All rights reserved



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 822330

You receive this newsletter because you are a part of the TECHNEQUALITY network. If you wish to (un)subscribe, please email [Technequality-sbe@maastrichtuniversity.nl](mailto:Technequality-sbe@maastrichtuniversity.nl)

