Technequality

Understanding the relation between technological innovations and social inequality

Funded by the Horizon 2020 Framework Programme of the European Union

Maastricht University
School of Business and Economics

ROA

TECHNEQUALITY Policy Brief No 1

Scenarios for the

Impact of Automation on Work in Europe

The TECHNEQUALITY consortium

Maastricht University (coordination)
University of Oxford
Cambridge Econometrics
Berlin Social Science Centre WZB
Tallinn University
Tilburg University
Stockholm University
European University Institute (SPS)

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Policy Brief #1

Integrates findings from:

1. Scenarios for the impact of intelligent automation on work (D1.2)
   - Thought experiment based on literature
   - 8 scenarios for impact of technology based on 3 key variables:
     1-speed of innovation, 2-speed of adoption, 3-impact on tasks.
2. Labour market forecasting scenario's for automation risks (D1.4)
   - Econometric estimations (base: Cedefop Skills Forecast 2018)
   - 18 scenarios for number of jobs in 2030 based on 3 key variables:
     1-automation risk, 2-speed of adaptation, 3-barriers to adoption
   - +3 scenarios for low/med/high automation risk, and
     speed of adoption depends on relative wages,
     EPL is regional barrier to adoption.

https://technequality-project.eu/files/d71fd-policybrief1v20pdf

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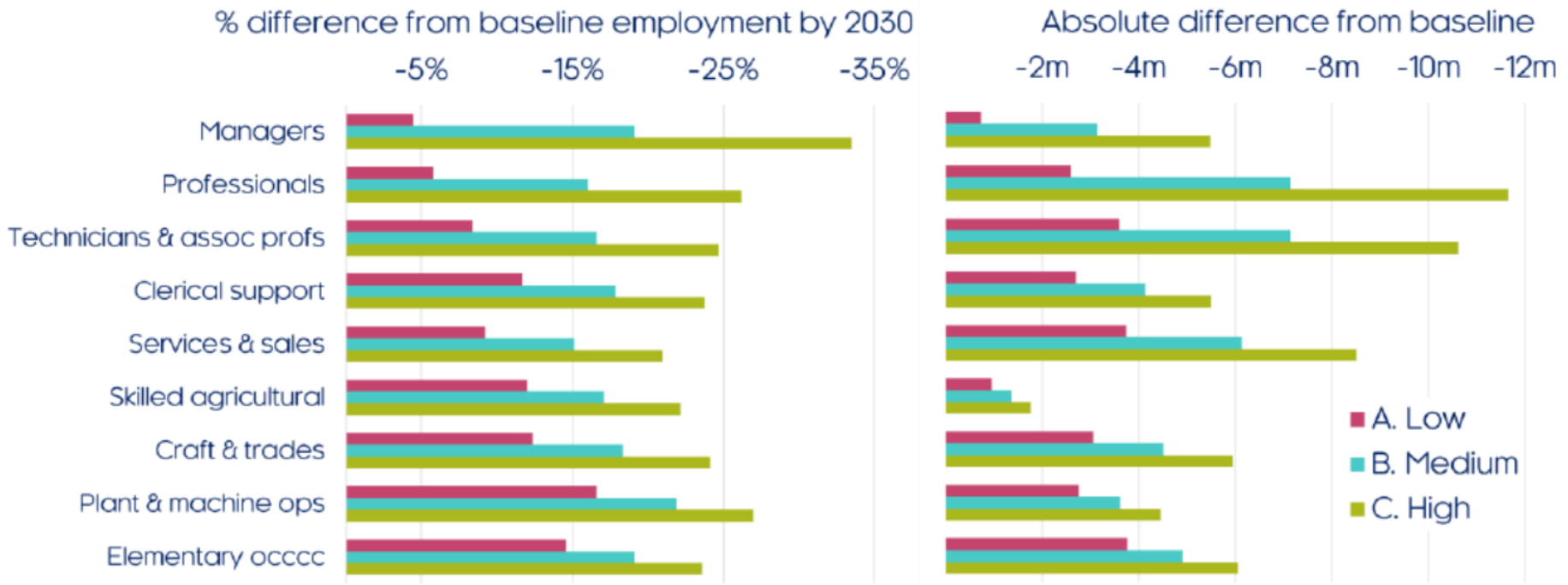
Policy Brief #1

Figure 1: Additional scenario results (% difference from baseline by 2030 in EU-28 employment by ISCO-08 occupation)



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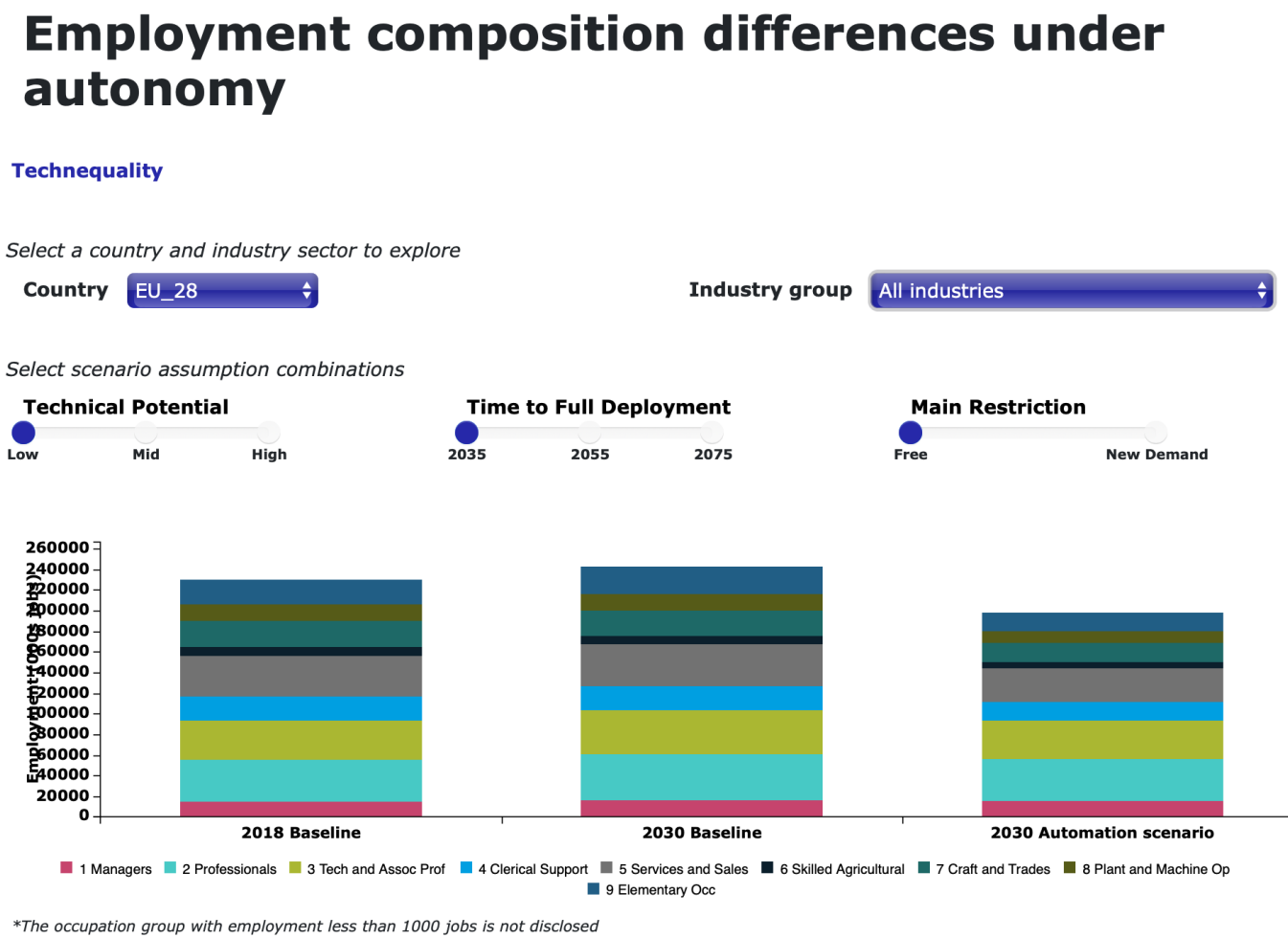
Total of 21 scenario's → [web app]



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Questions to the PAB

1. Could you send us back the signed NDA? (if you have not yet done so)
2. What are the most important policy messages?
3. How to reach out to policy makers/stakeholders?
4. How to reach out to the press?
5. Any specific tips on communication in times of covid-19?

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