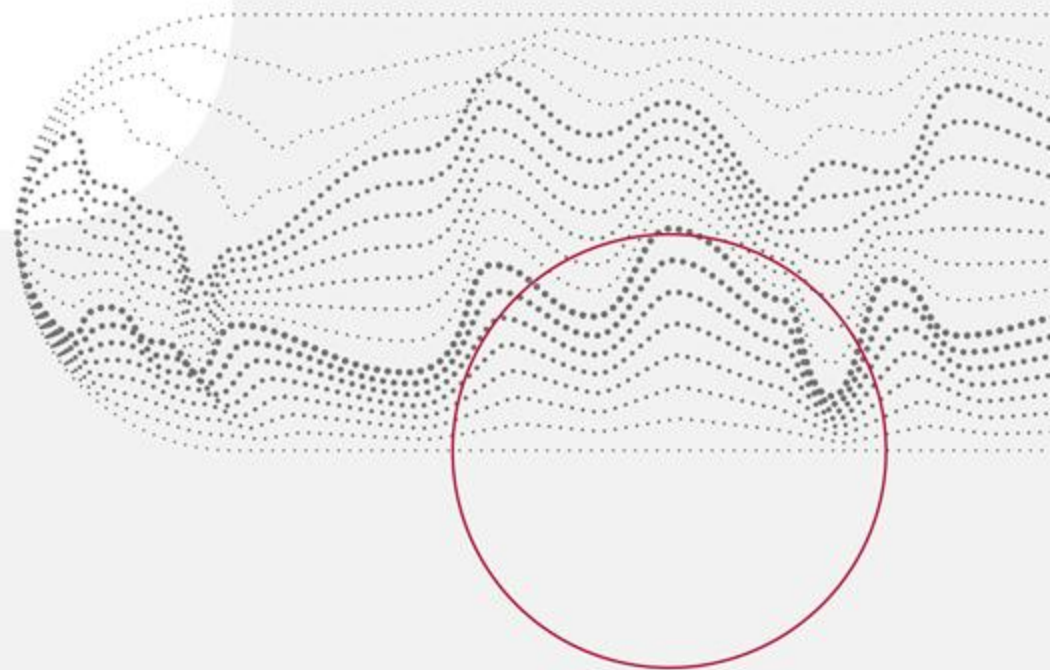


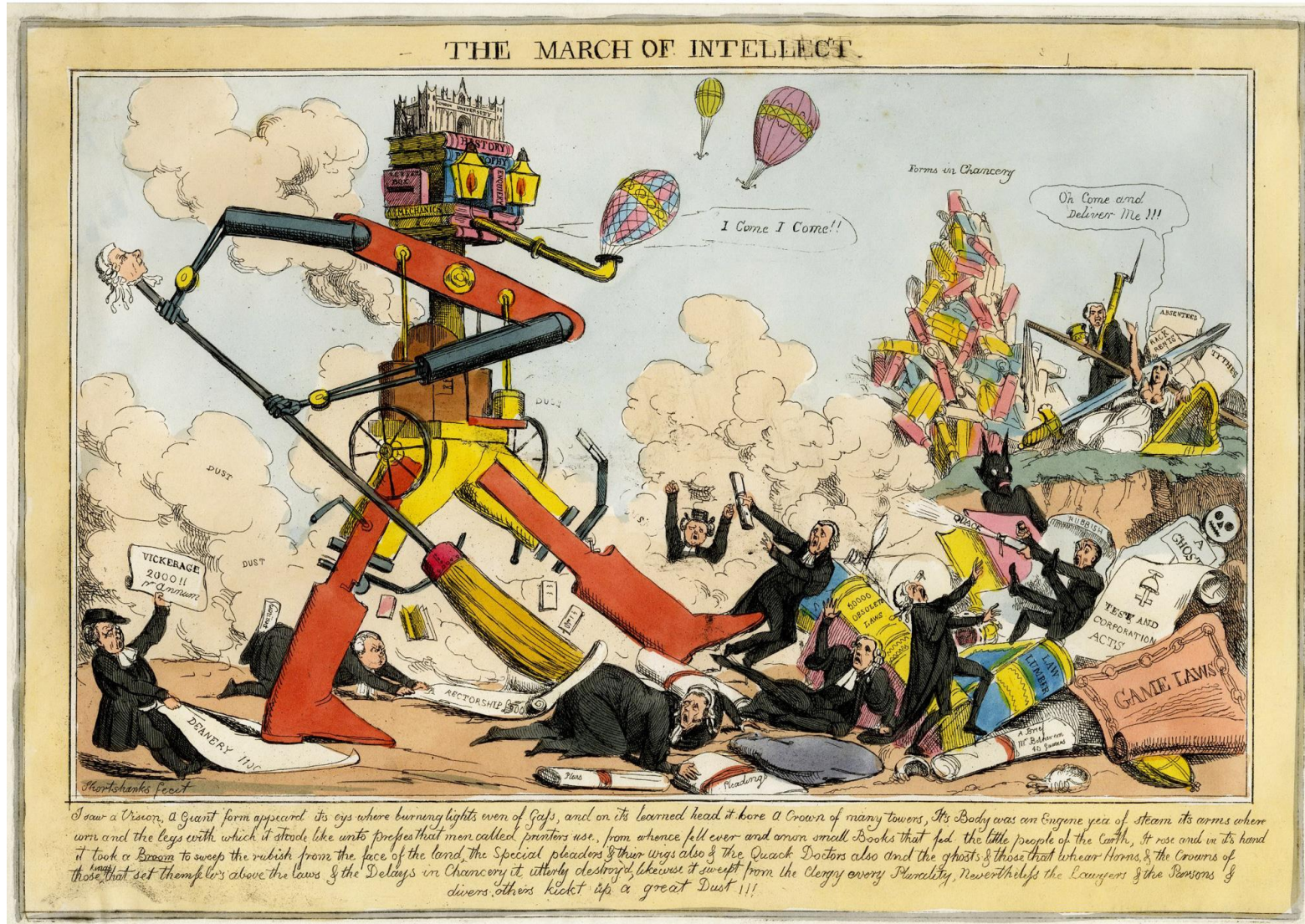
# Technology and the nature of jobs

Piotr Lewandowski

Based on work with  
Wojciech Hardy  
Roma Keister

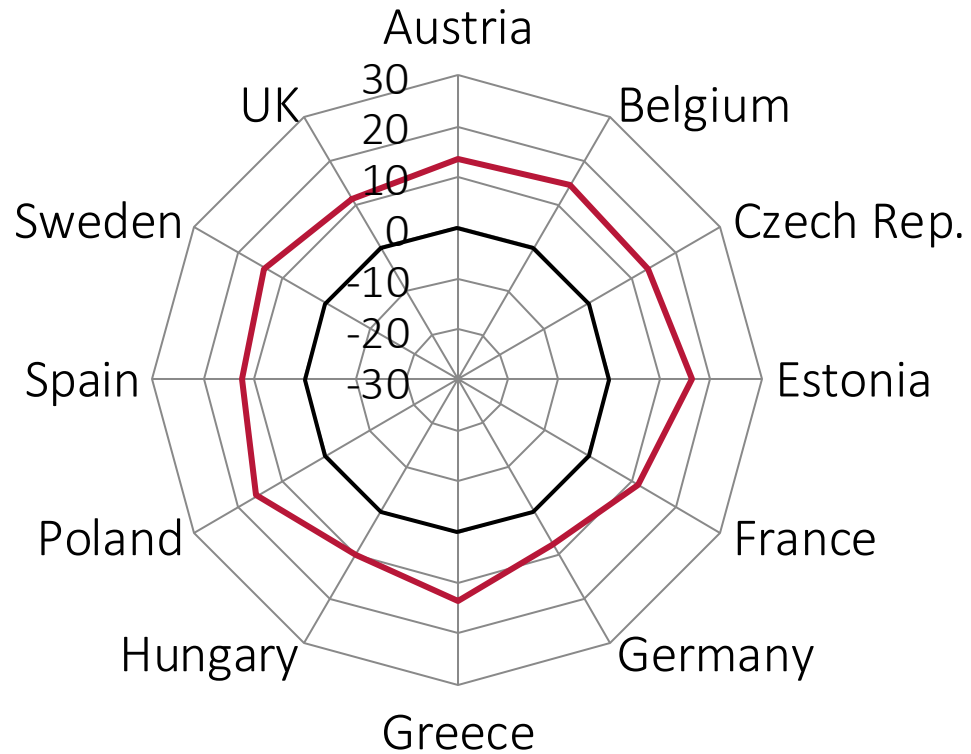


# The intellect marches (perhaps) ever faster

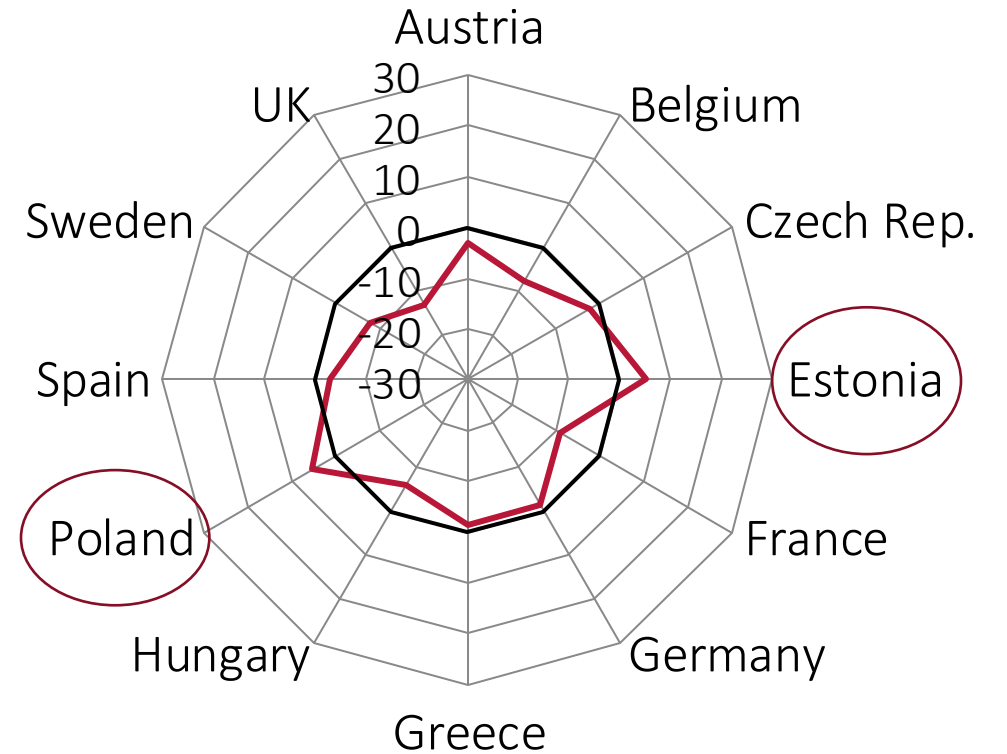


# The growth of routine cognitive work distinguishes CEE from EU15 . | :

## Non-routine cognitive analytical



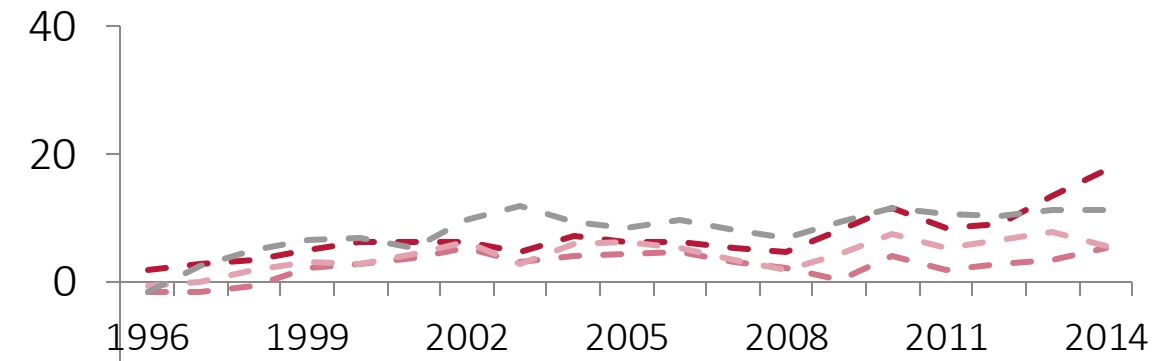
## Routine cognitive



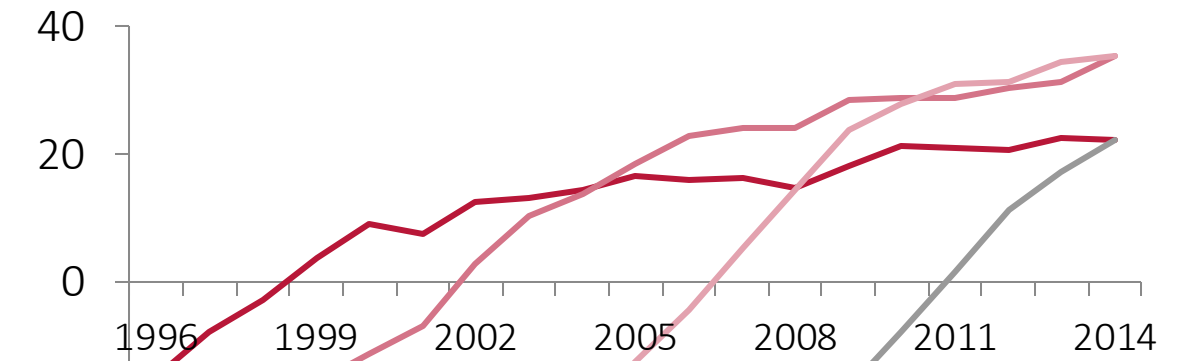
# Non-routine cognitive jobs rise mainly thanks to young people



Analytical work in Poland

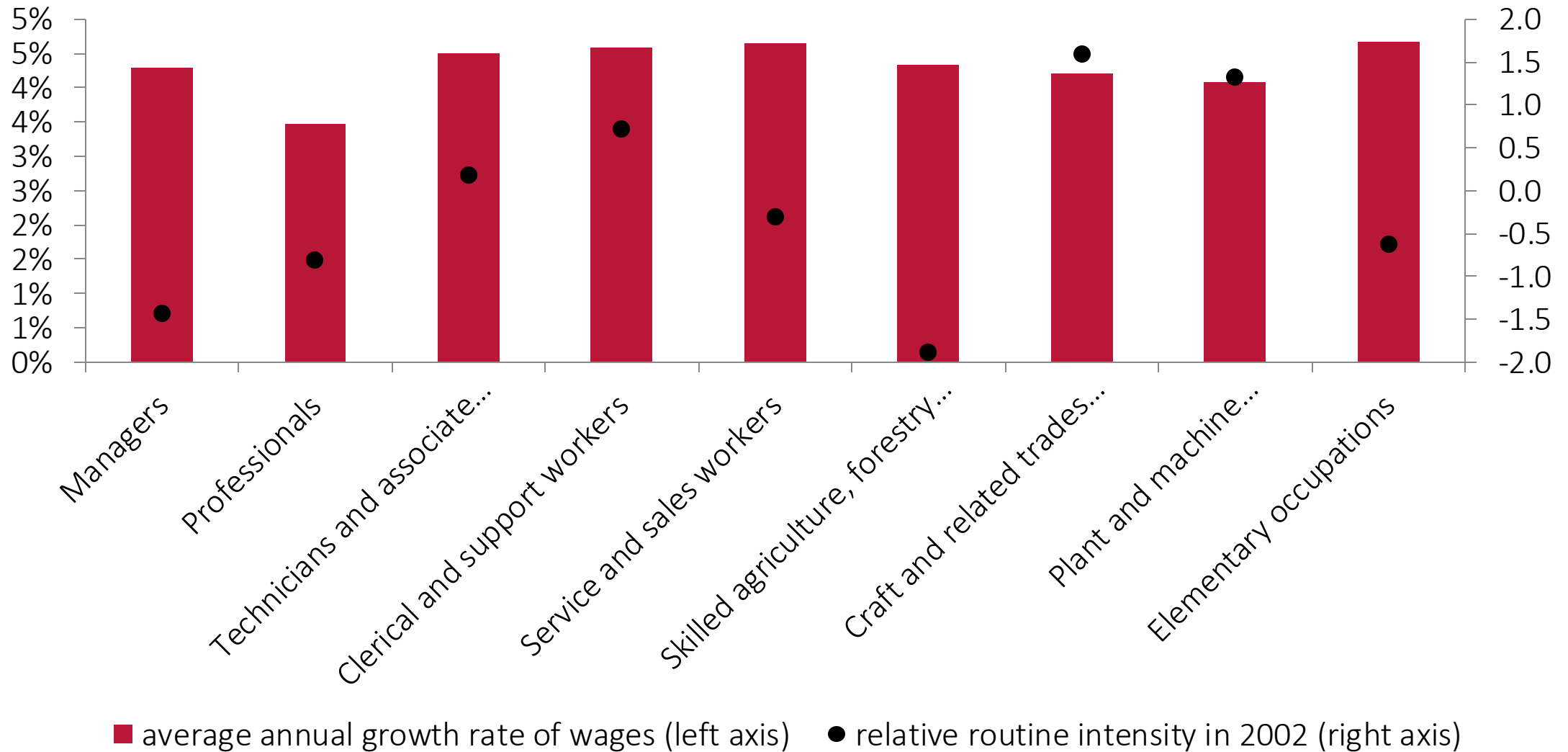


--- 1950-1954      --- 1955-1959  
--- 1960-1964      --- 1965-1969



— 1970-1974      — 1975-1979      — 1980-1984  
— 1985-1989      — 1990-1994

# Wage growth in jobs with high routine cognitive content was high in CEE – this cannot last forever



In the future routine cognitive jobs likely to  $\searrow$   
as ICT stock  $\nearrow$ , technology prices  $\searrow$  and wages  $\nearrow$



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