

PhD skills and expertise: a competitive advantage for businesses

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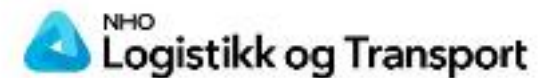
Confederation of Norwegian Enterprise (NHO)

NTNU, March 30, 2017

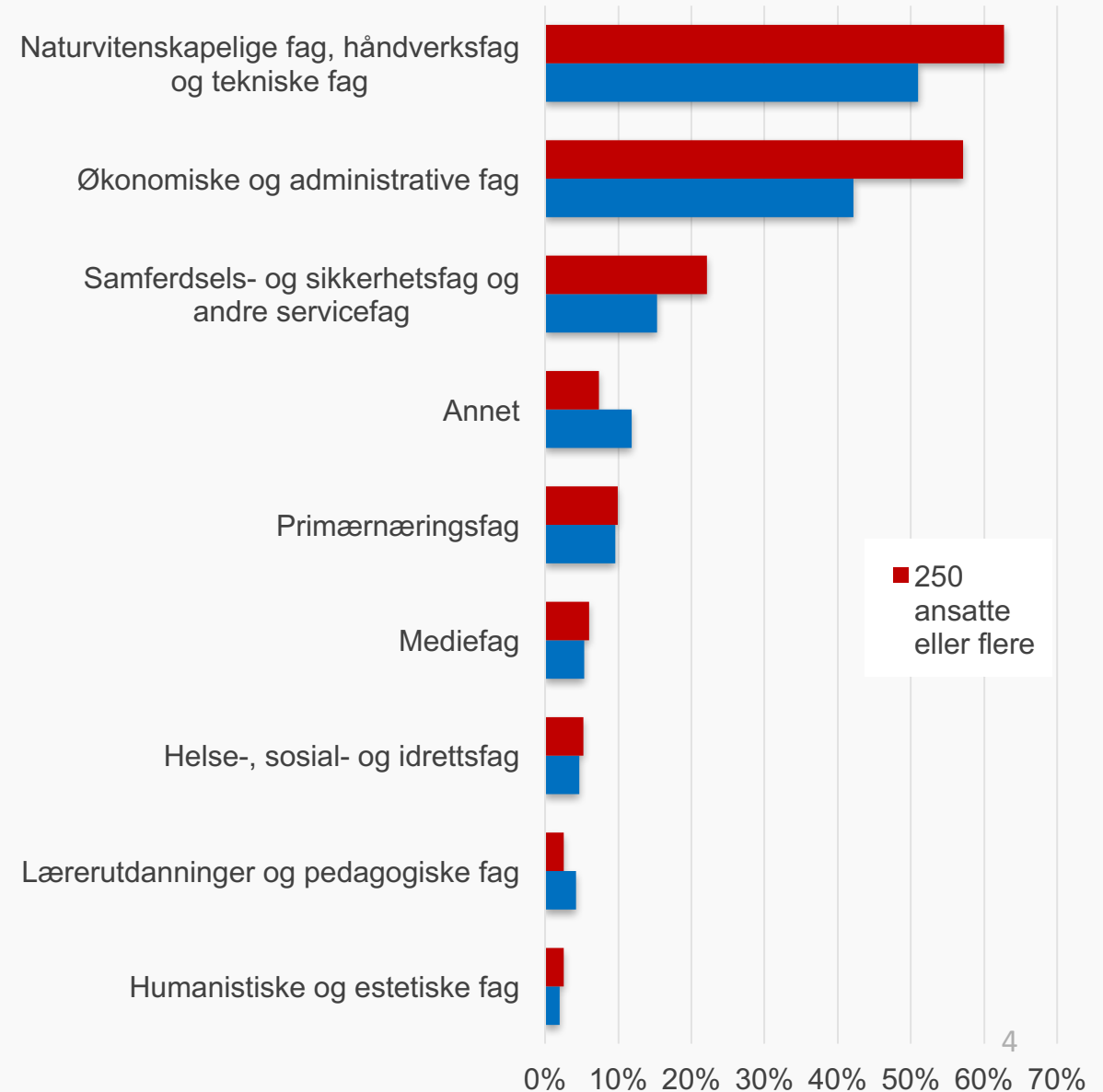
NHO is Norway's largest business confederation and advocates for stable and competitive business conditions

- 25,000 member companies
- 575,000 years of labour per annum

Sectoral federations



Highest demand for STEM candidates in NHO companies

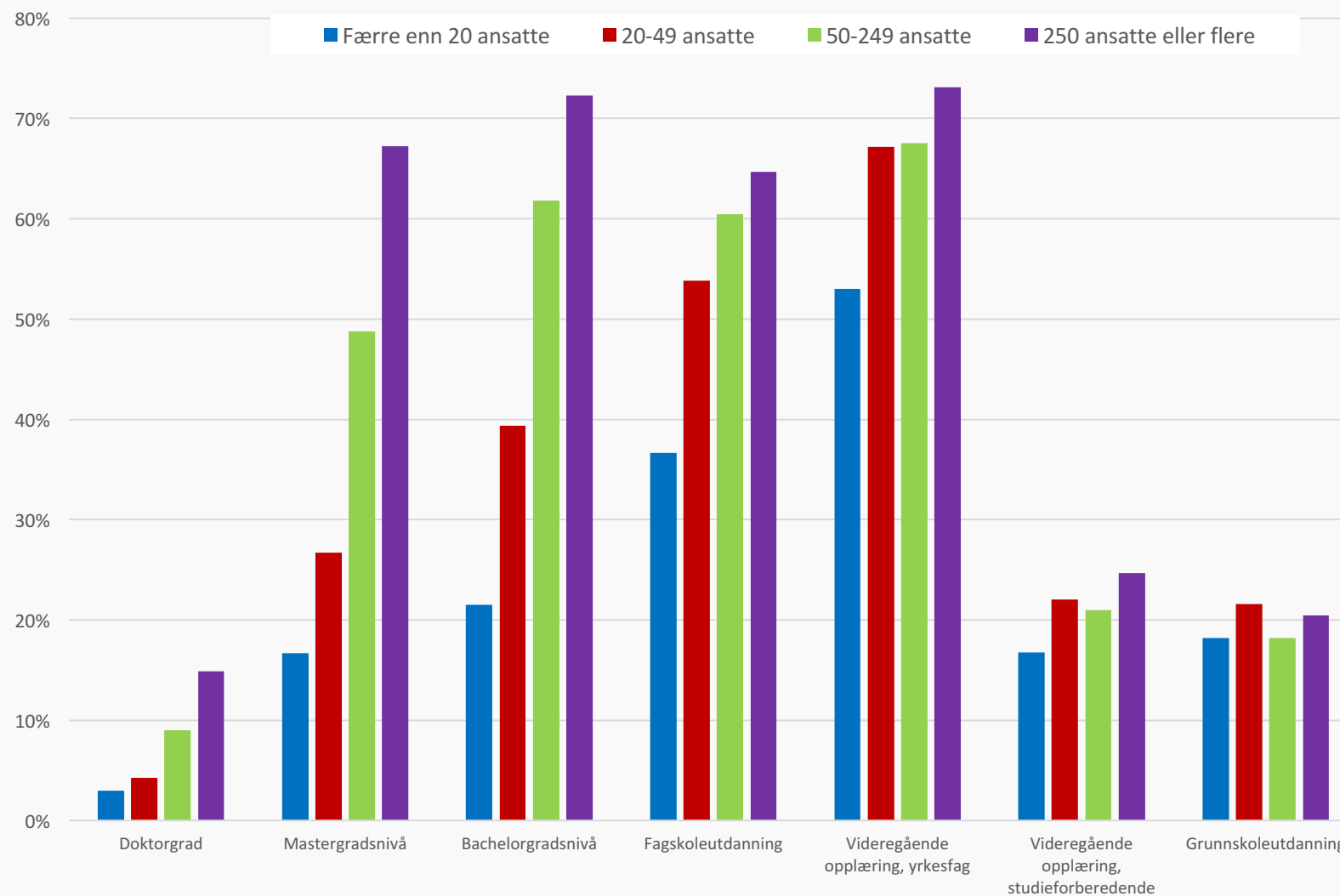


PhDs in Norwegian firms is important...

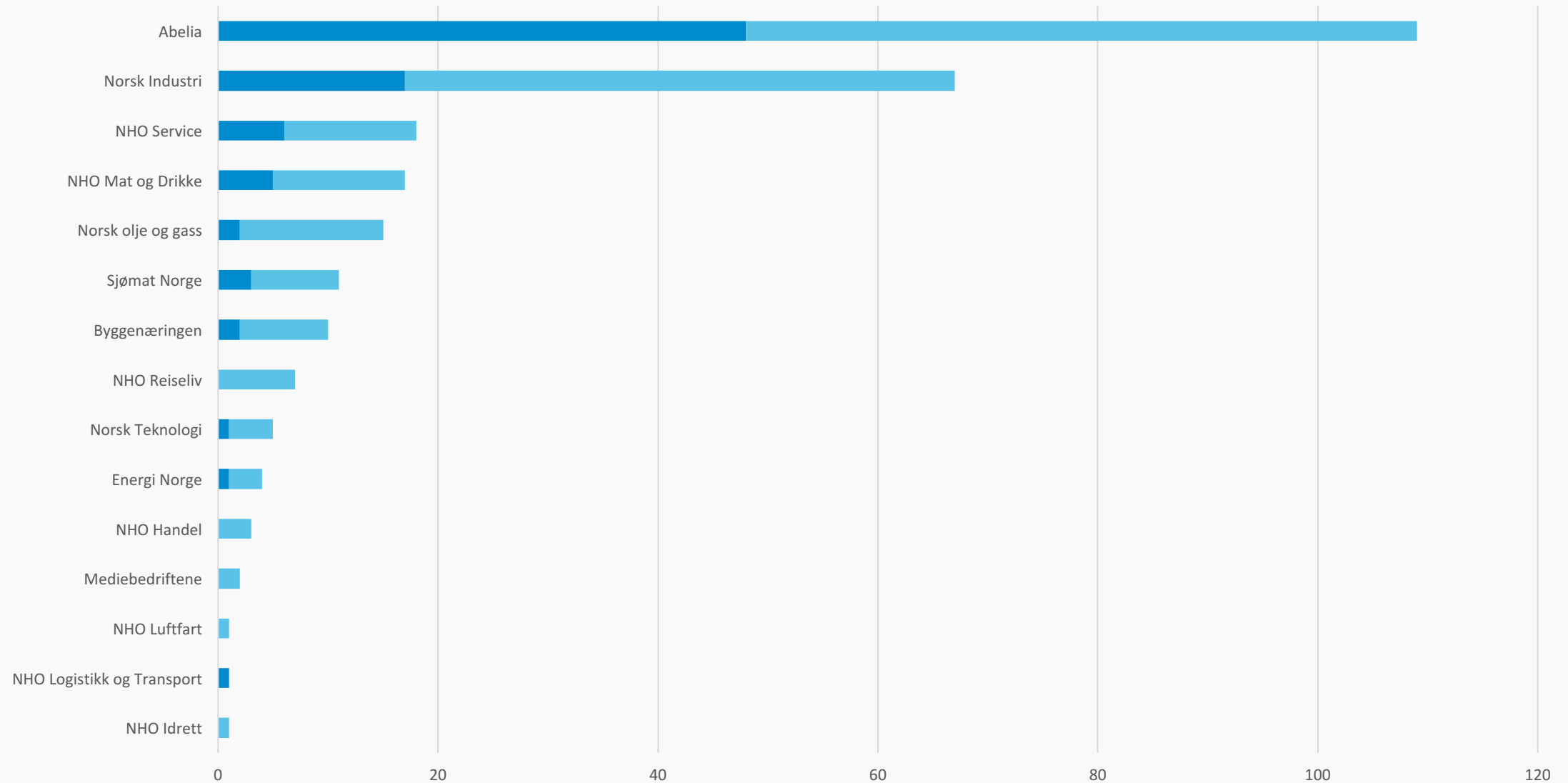
- because some of them will engage in research itself - typically in the largest companies
- to increase the "absorption capacity" in Norwegian firms, i.e. firms' ability to collaborate with research institutions and adopt new research - a prerequisite for research-based change and innovation



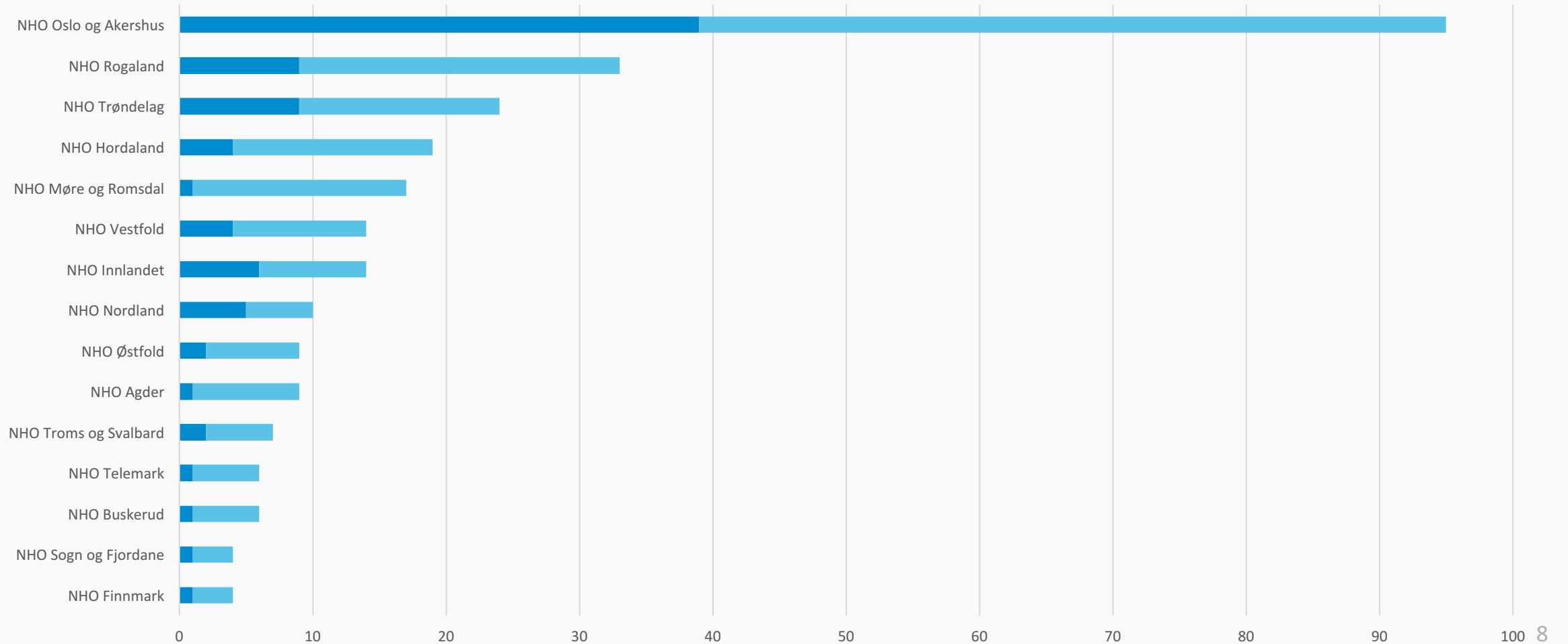
Highest demand for PhDs in large enterprises



Demand for PhDs next 5 years, by sector (number of companies)



Demand for PhDs next 5 years, by region (number of companies)



The Industrial Ph.D. scheme – key facts (2008 -)



The company

- is the formal applicant and recipient of the funding
- must have staff and other resources dedicated for internal R&D activities
- must have a binding collaboration with a degree-conferring institution
- must document the relevance of the research project



The doctoral candidate

- is an employee of the company
- will divide his/her time between the company and the degree-conferring institution
- must have advisers from both the degree-conferring institution and the company



Funding

- will be awarded conditional to the employee's admission to an organised doctoral degree programme
- will be awarded for a period of three years
- is determined after completion of a simple, efficient application process





Confederation of Norwegian Enterprise