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AI and the labour market in Korea

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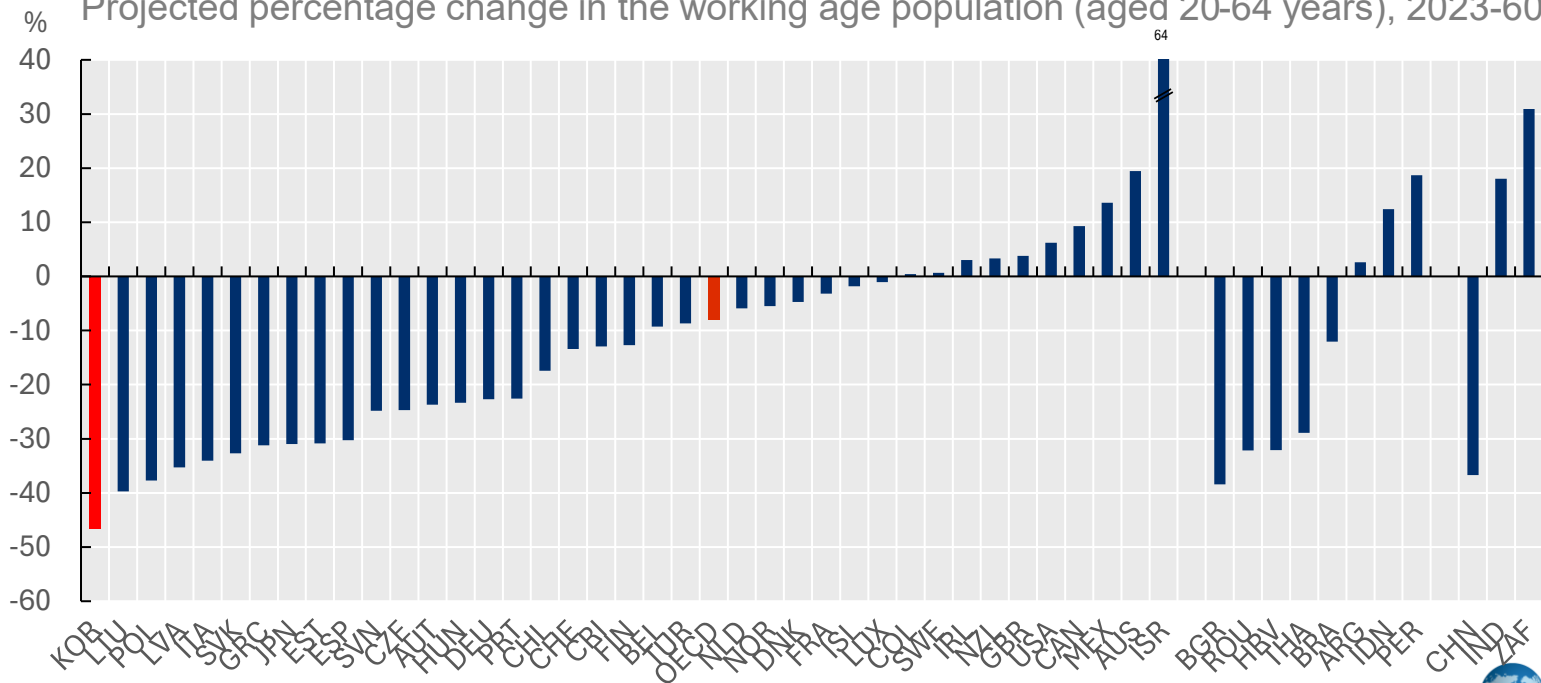
Directorate of Employment Labour and Social Affairs



Korea's population is ageing, threatening economic growth

The working-age population will decline in a large number of OECD countries

Projected percentage change in the working age population (aged 20-64 years), 2023-60

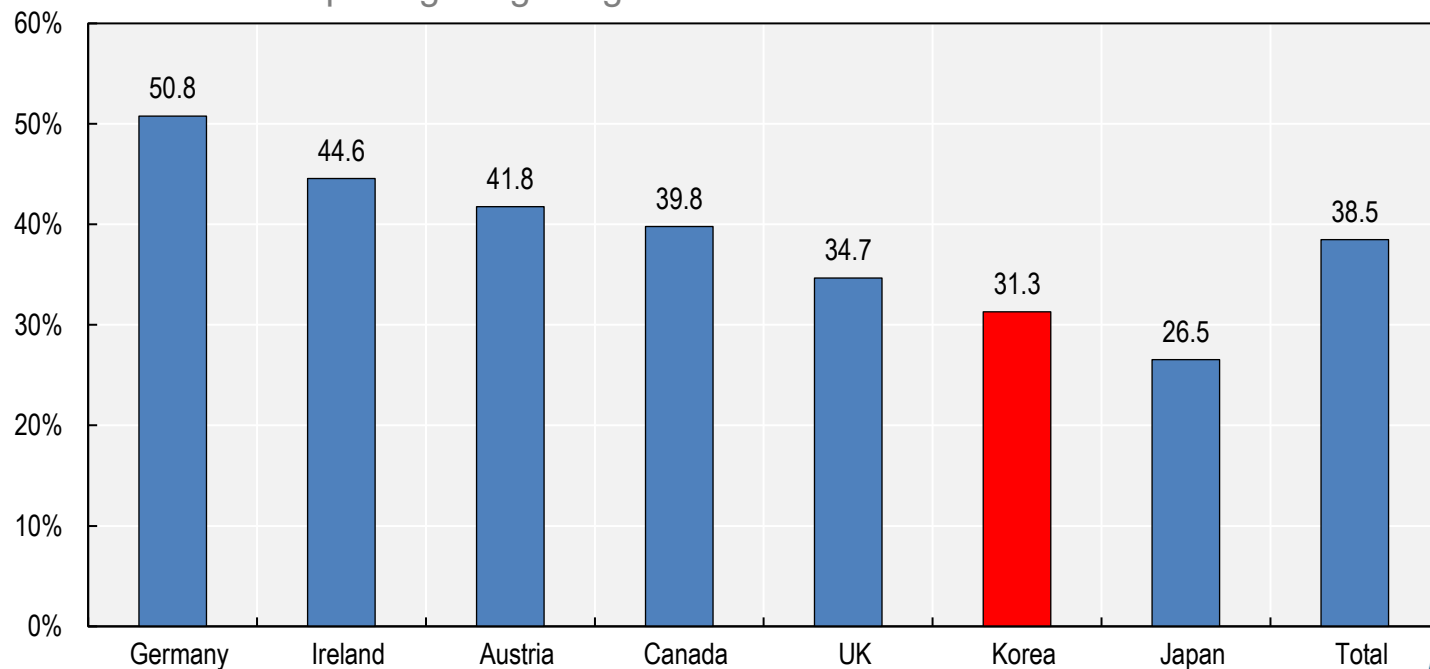




Adoption of AI in Korea remains low

AI adoption in SMEs is lower in Korea than in other countries

% of SMEs reporting usage of generative AI or other forms of AI

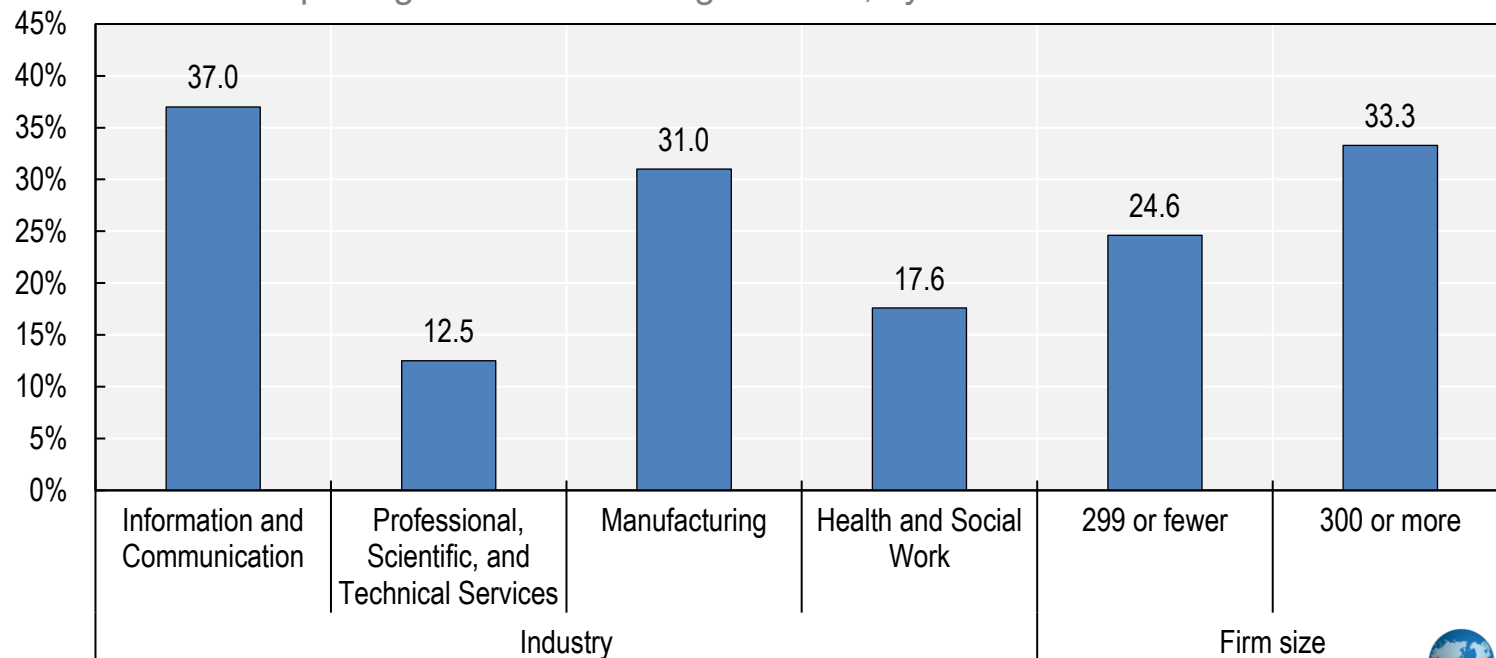




To encourage adoption, AI should be safe and trustworthy

The majority of firms in Korea do not have guidelines for the use of AI

% of firms reporting the existence of guidelines, by sector and firm size

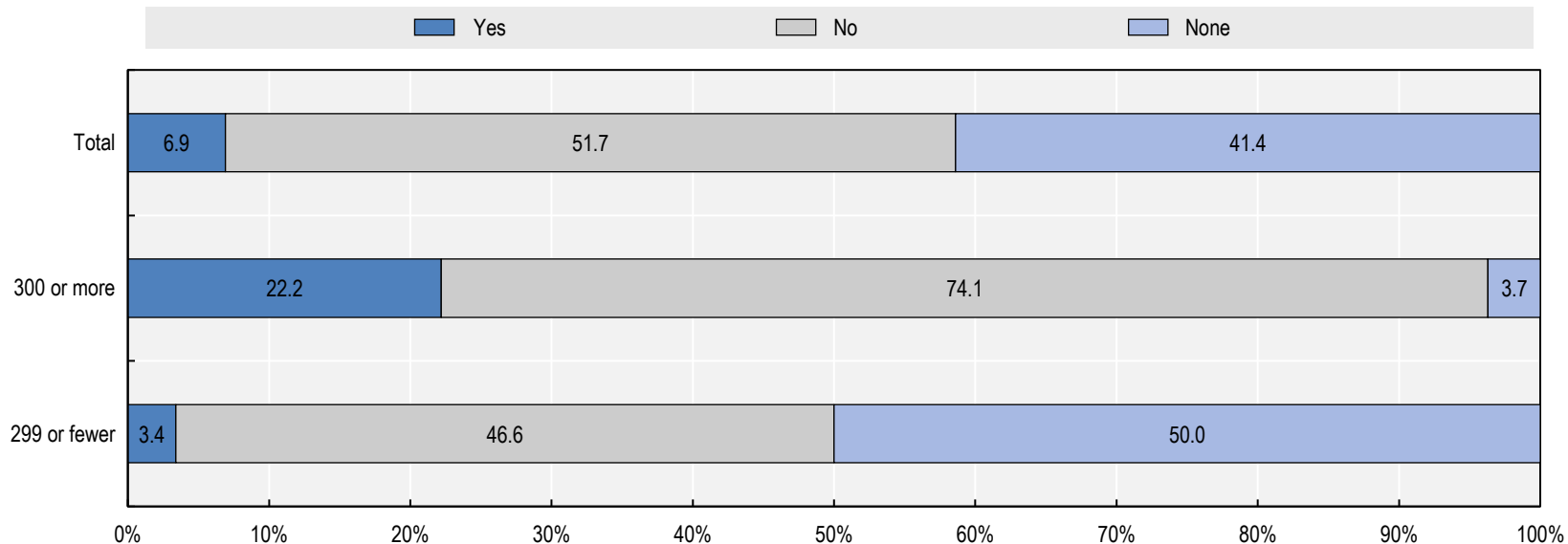




Social dialogue can facilitate the AI transition

Few workers in Korea say their employer consults unions or councils on the adoption of AI

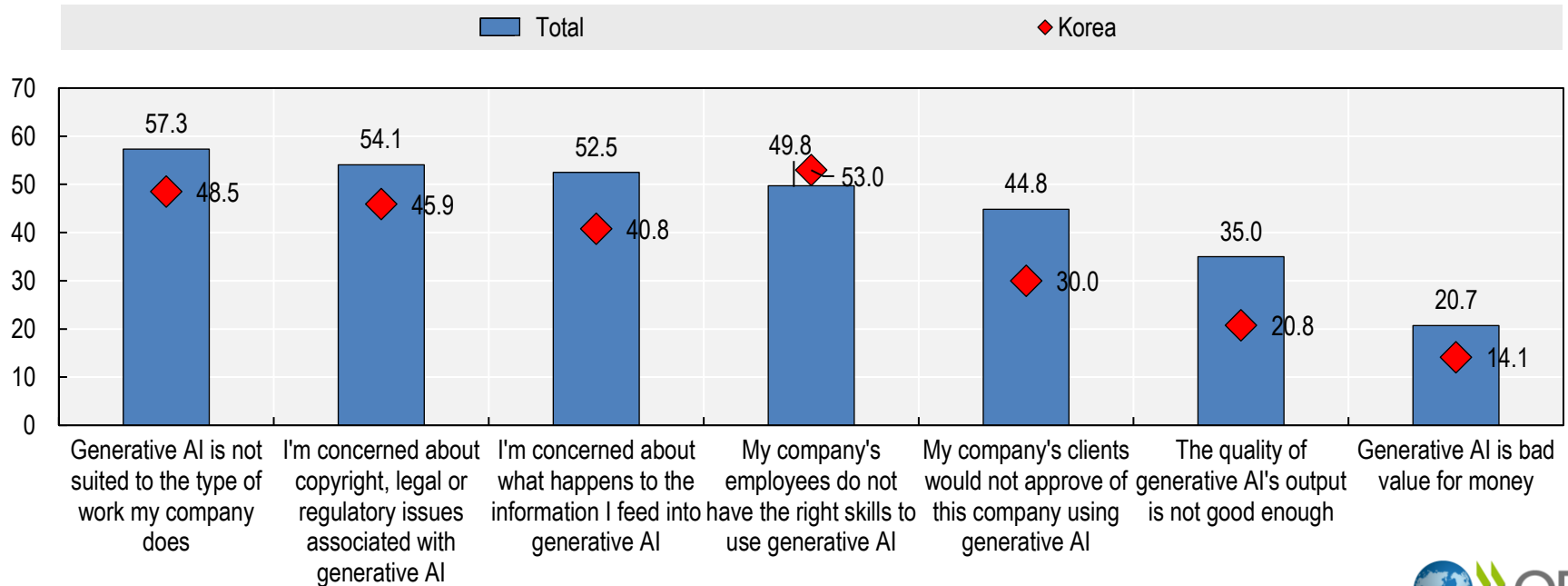
% of employees saying employers consult unions or councils on AI adoption, by firm size





Investing in skills will be critical to make a success of AI

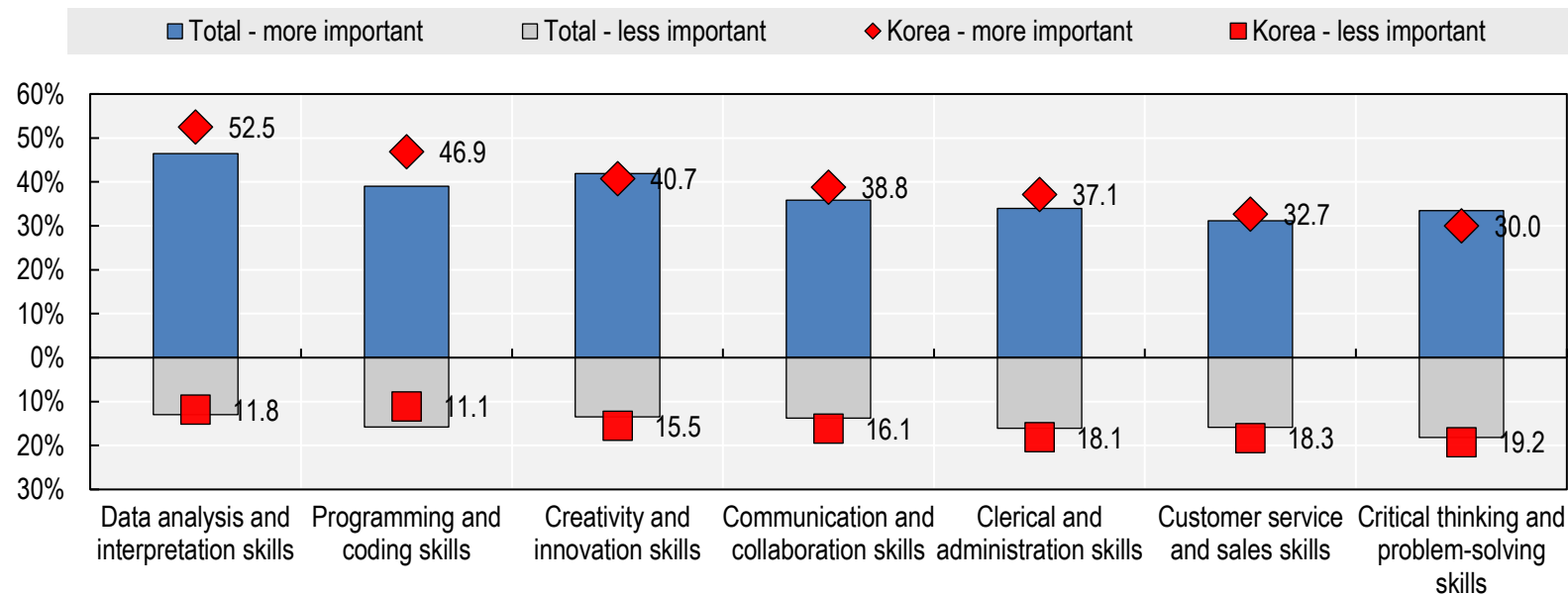
The most reported barrier among Korean SMEs is a lack of skills among employees





Generative AI increases the demand for skills in SMEs

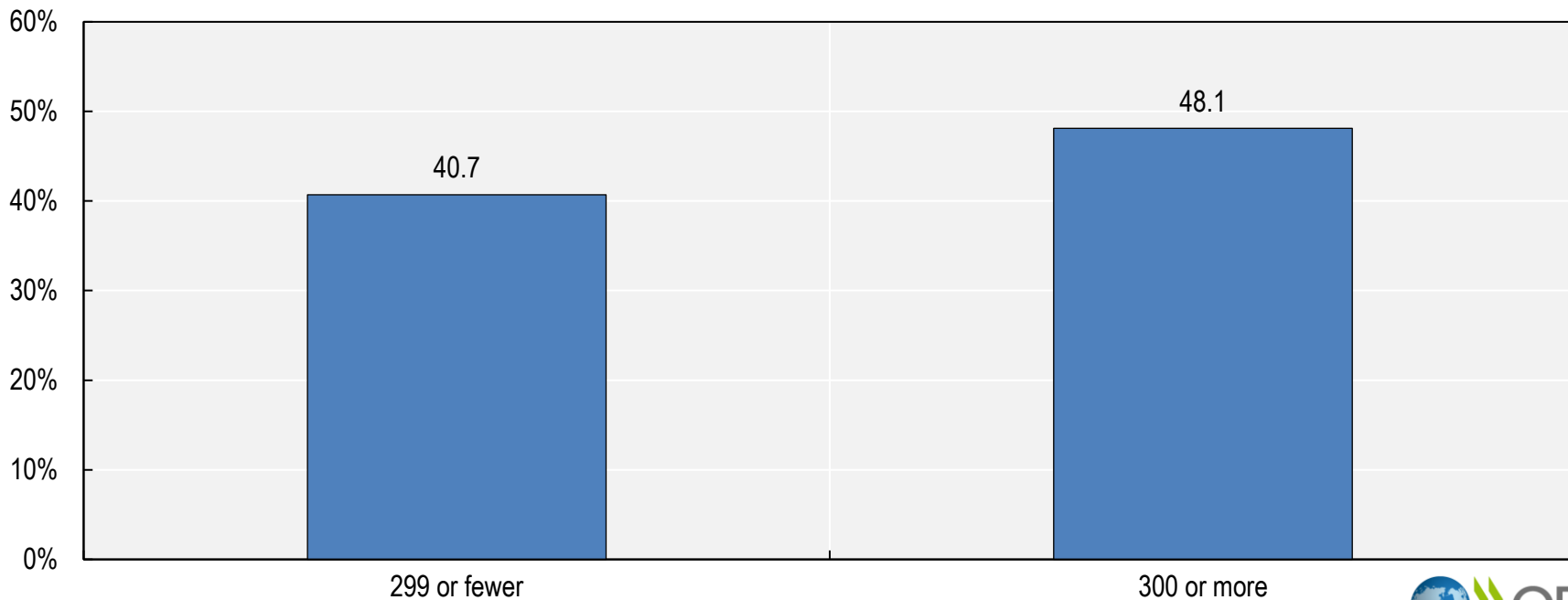
% of SMEs reporting whether generative AI has made the skill more important or less important





Less than half of firms in Korea say they have provided training for workers to work with AI

% of firms reporting providing training programs to employees

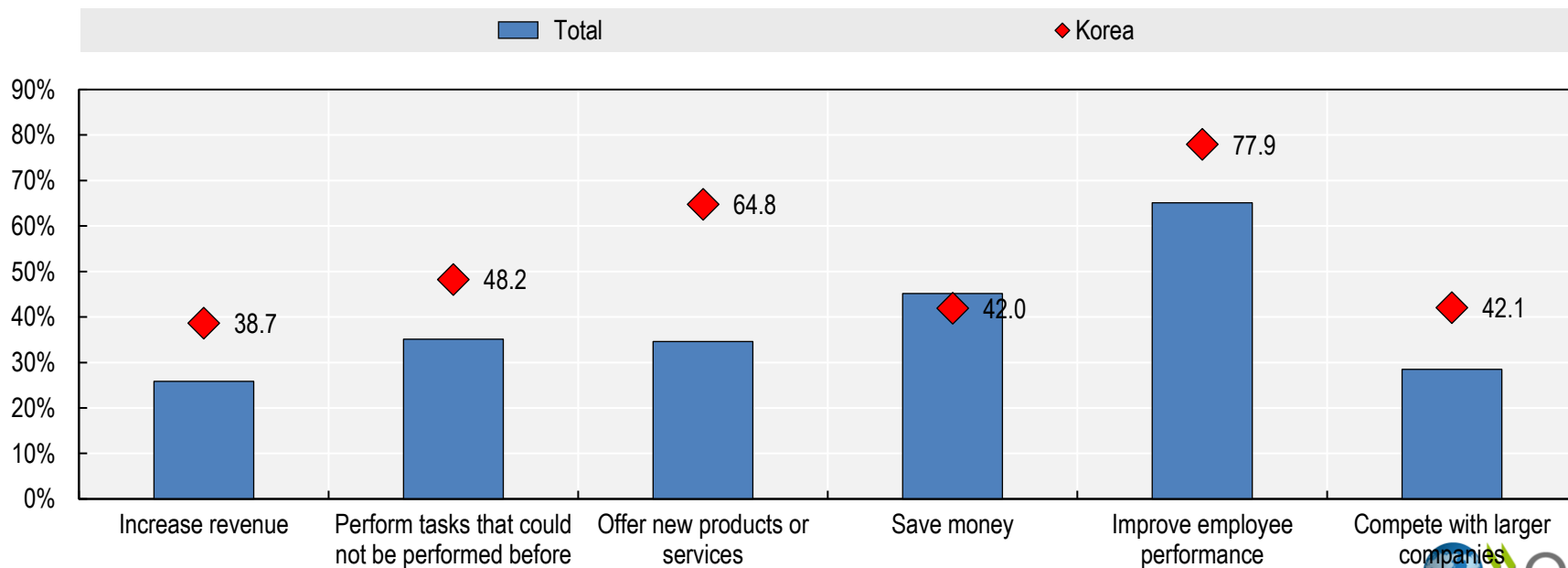




Special support should be provided to SMEs

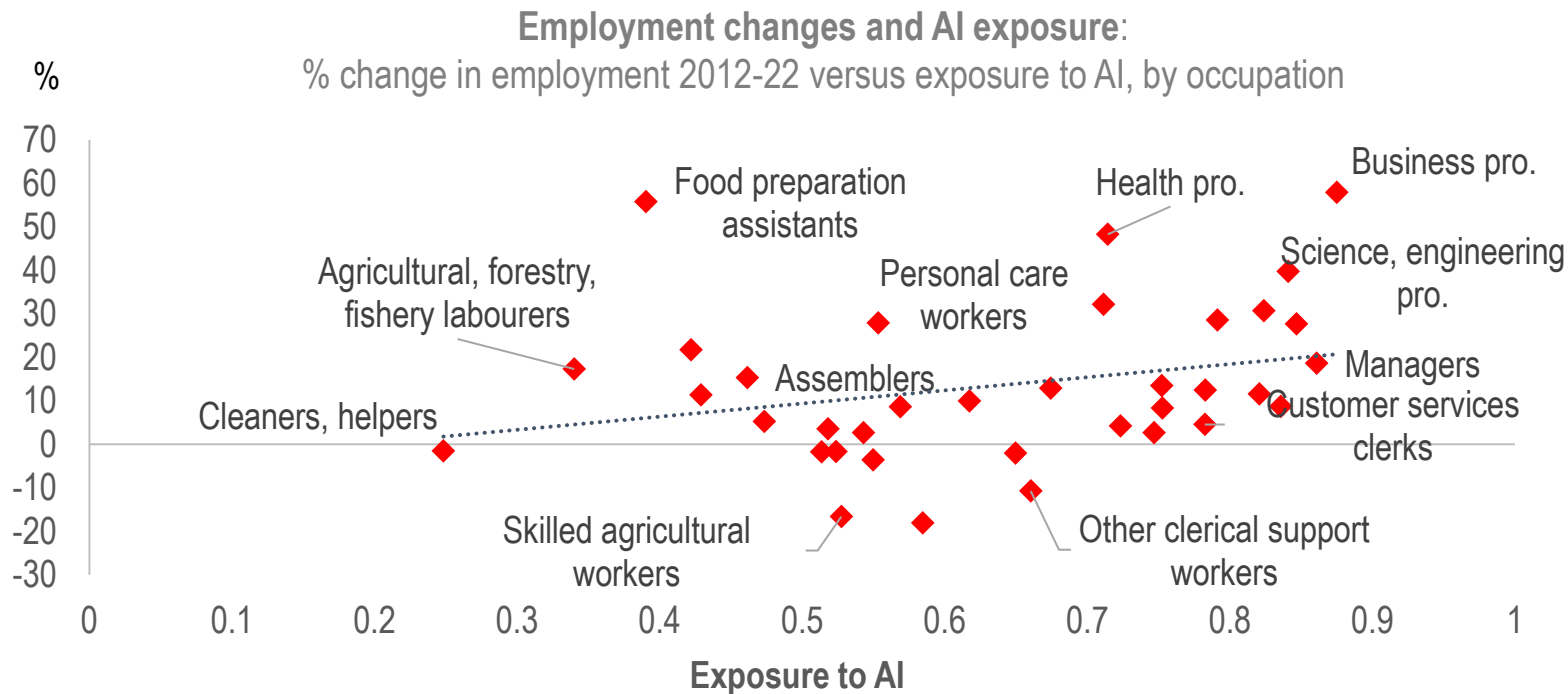
SMEs in Korea are positive about the impact of generative AI

% of SMEs reporting generative AI helped the company





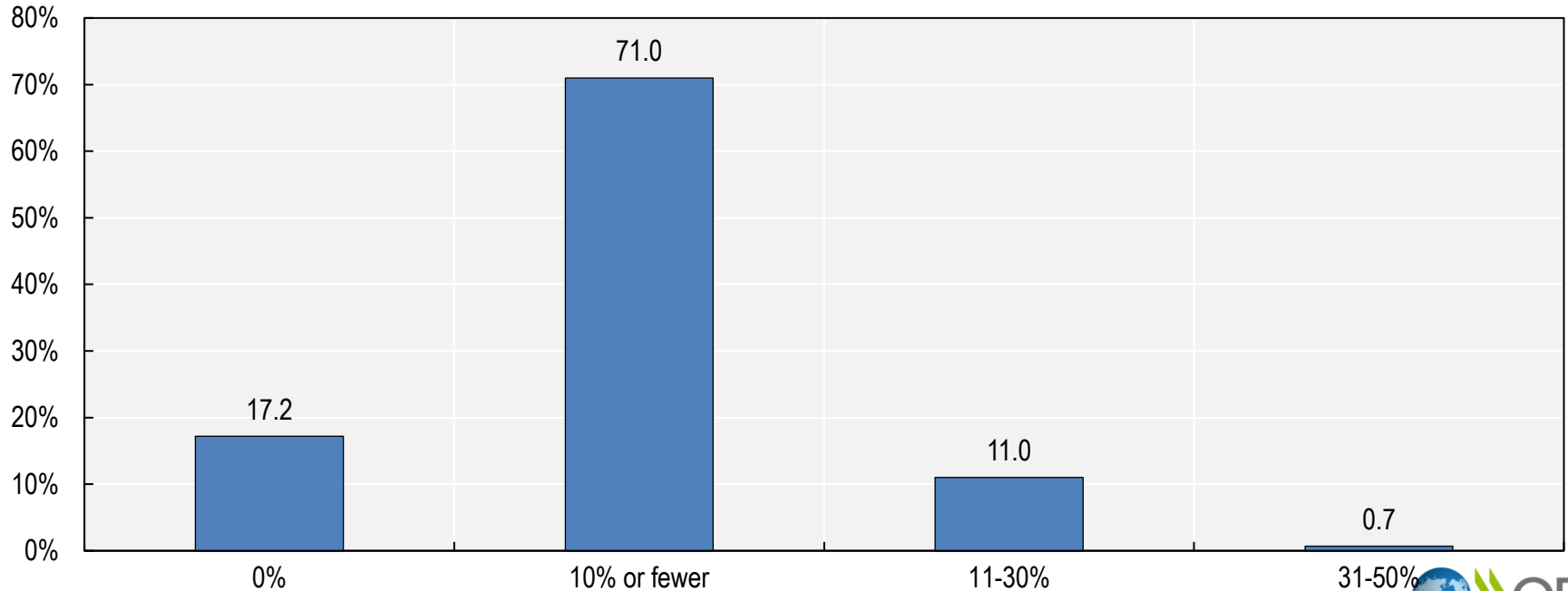
Across the OECD, there is little evidence that AI is reducing employment overall





The vast majority of firms in Korea say that AI only replaces up to 10% of tasks

% of firms reporting that AI replaces 0%, 10% or fewer, 11-30% and 31-50% of tasks





What can policymakers do?

- Invest in training
- Promote social dialogue
- Provide social protection and employment services
- Support an inclusive transition
- Ensure that AI is safe and trustworthy



THANK YOU

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