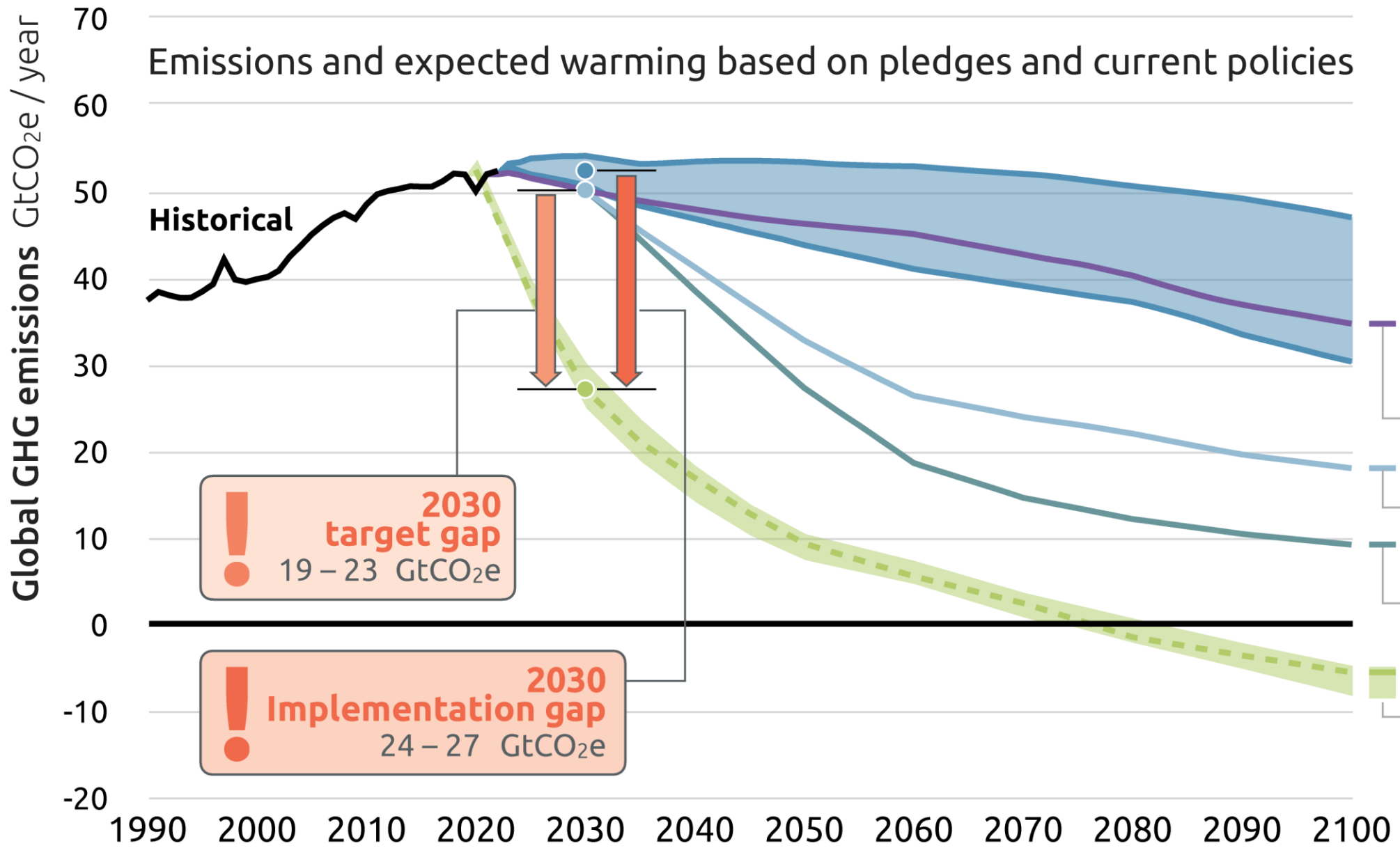


human capital for the green economy

FROM SUSTAINABILITY GOALS TO GREEN
SKILLS DEPLOYMENT

EMISSIONS PATHWAYS TO 2100

Emissions and expected warming based on pledges and current policies



Warming projected by 2100

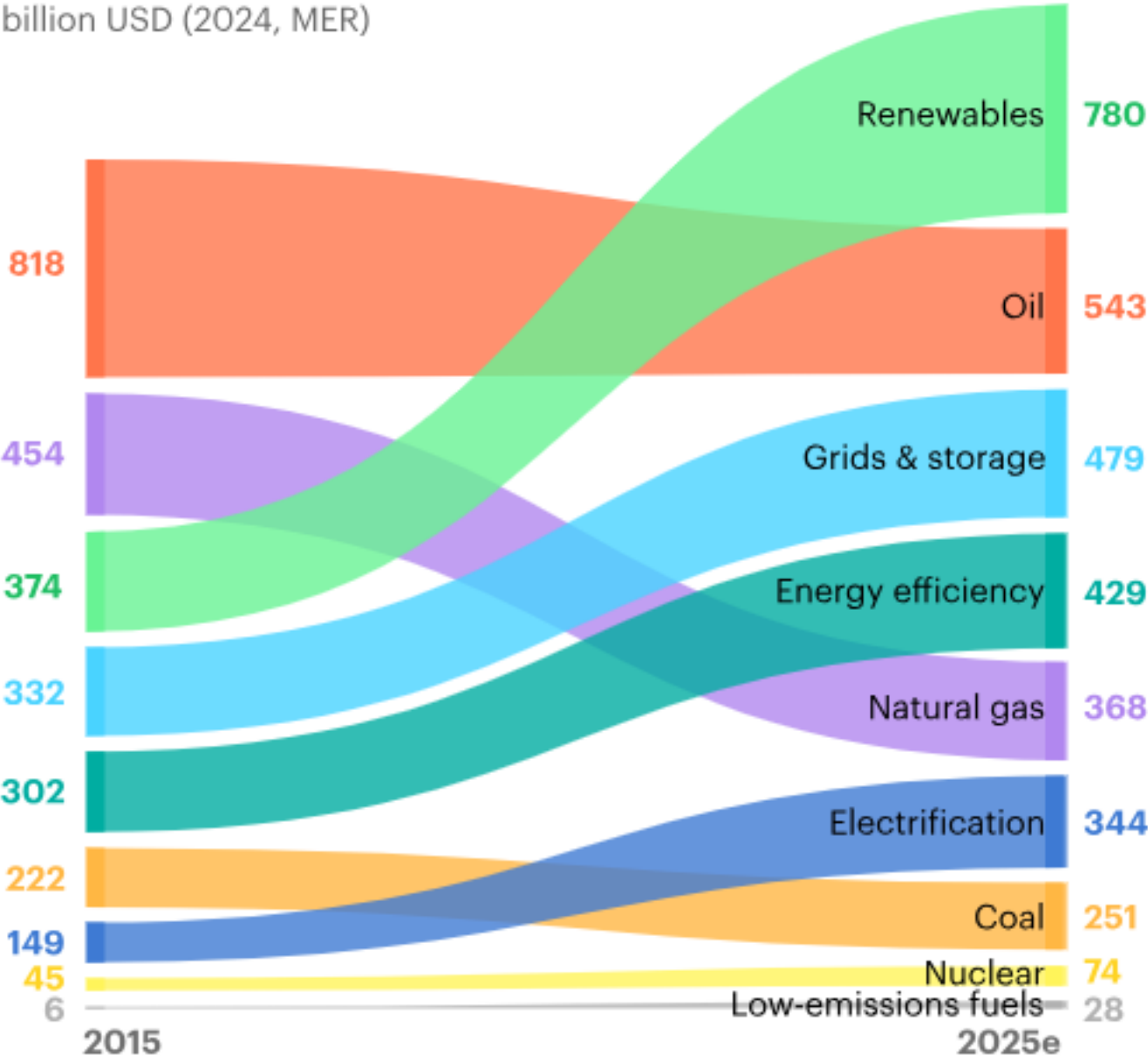
- +2.9°C High
- Policies & action
- +2.5°C Low
- 2030 targets only
- +2.6°C
- Pledges & targets
- +2.1°C
- Optimistic scenario
- +1.9°C
- 1.5°C compatible

2030 target gap
19 – 23 GtCO₂e

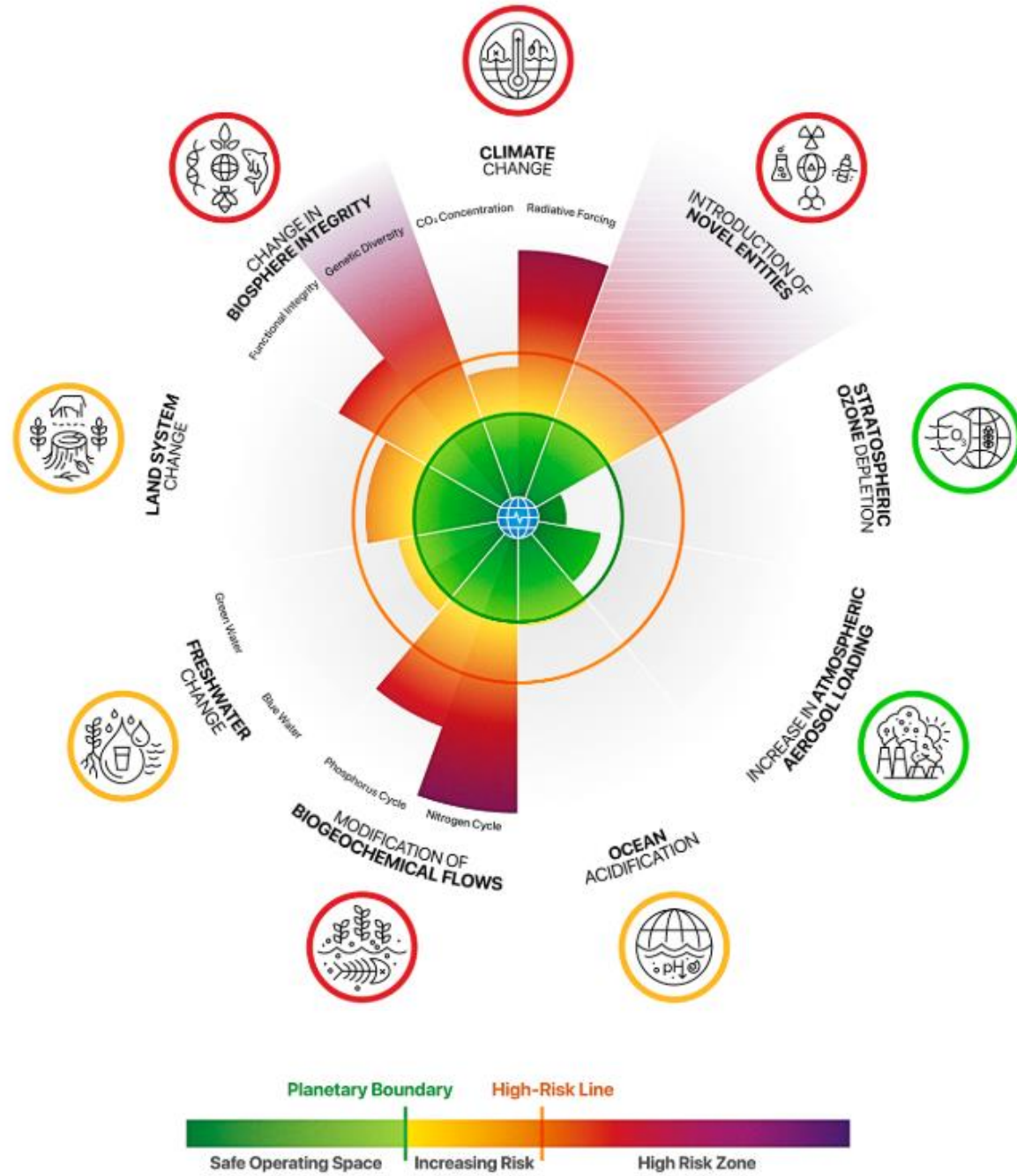
2030 implementation gap
24 – 27 GtCO₂e

Evolution of global energy investment

billion USD (2024, MER)

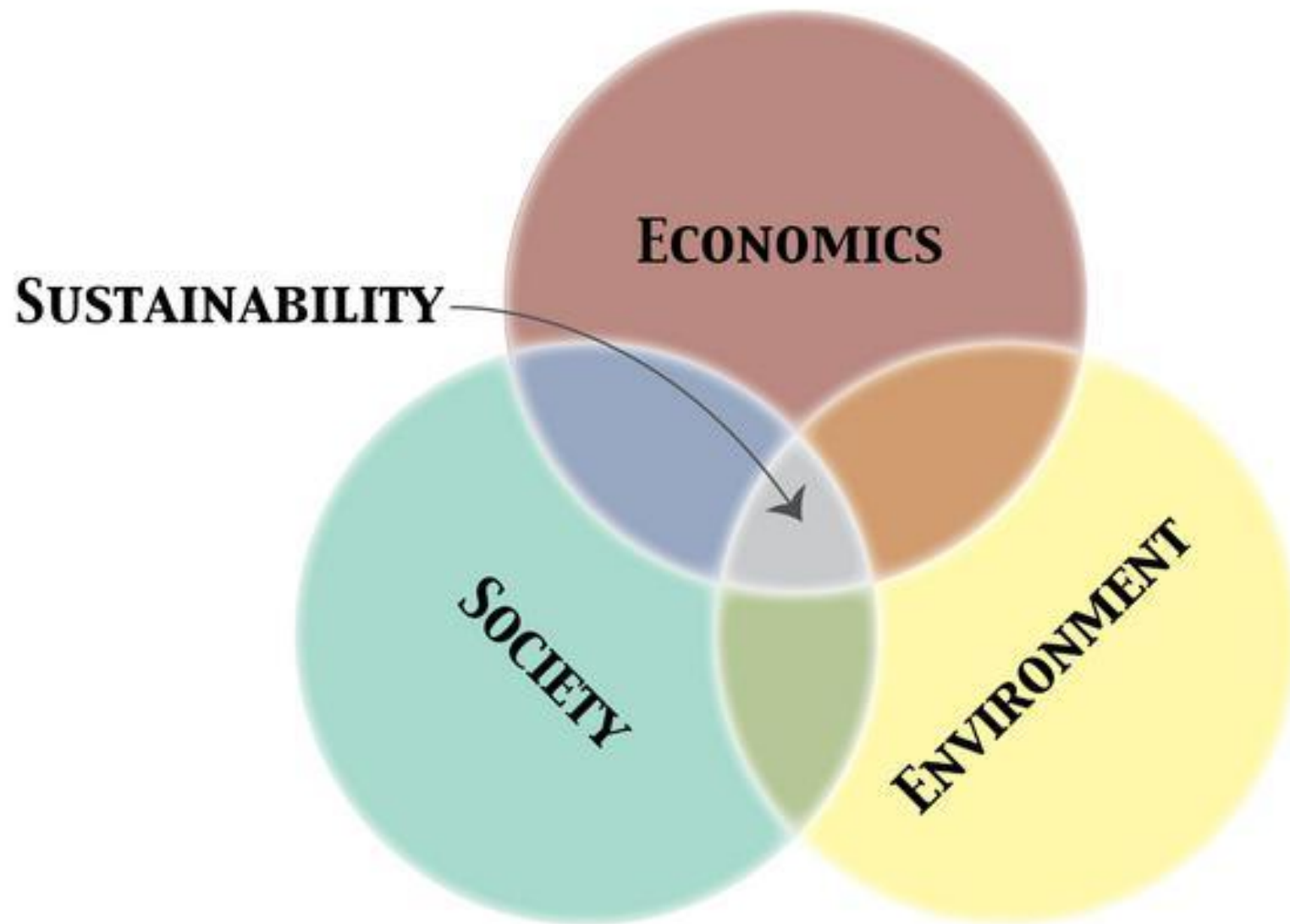


Planetary Boundaries

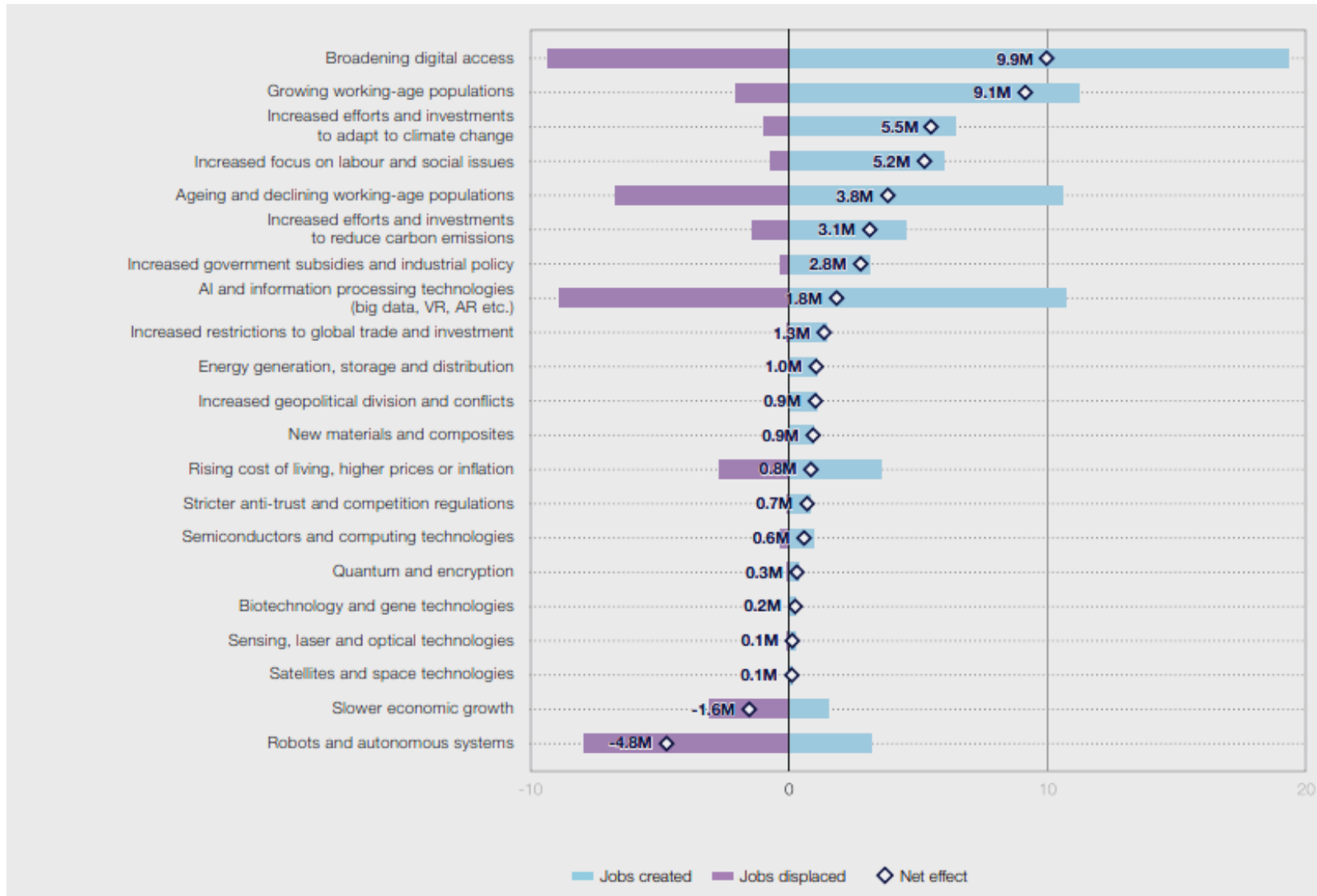


Social foundations of a sustainable world

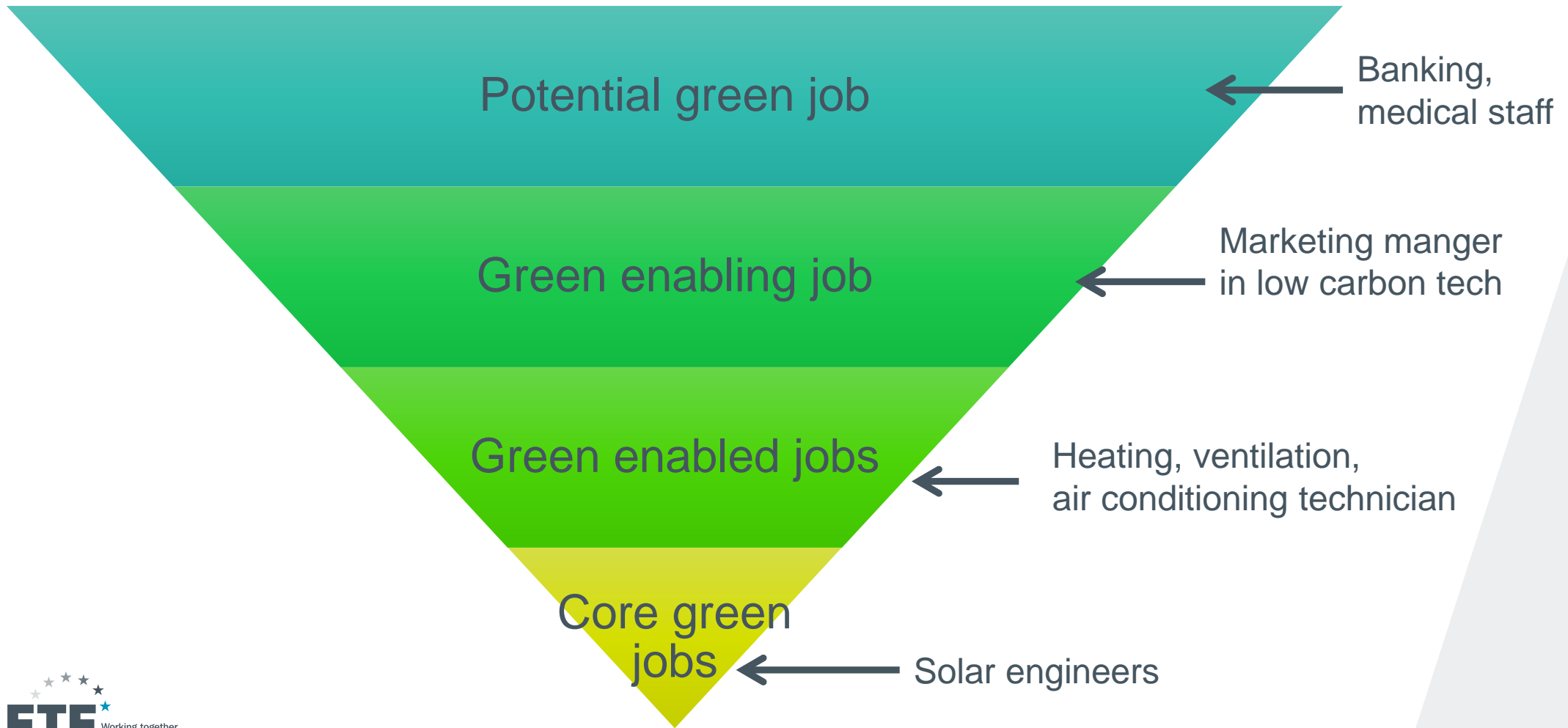




Expected impact of macrotrends and technology on jobs, 2025-2030 (Future of work, WEF 2024)

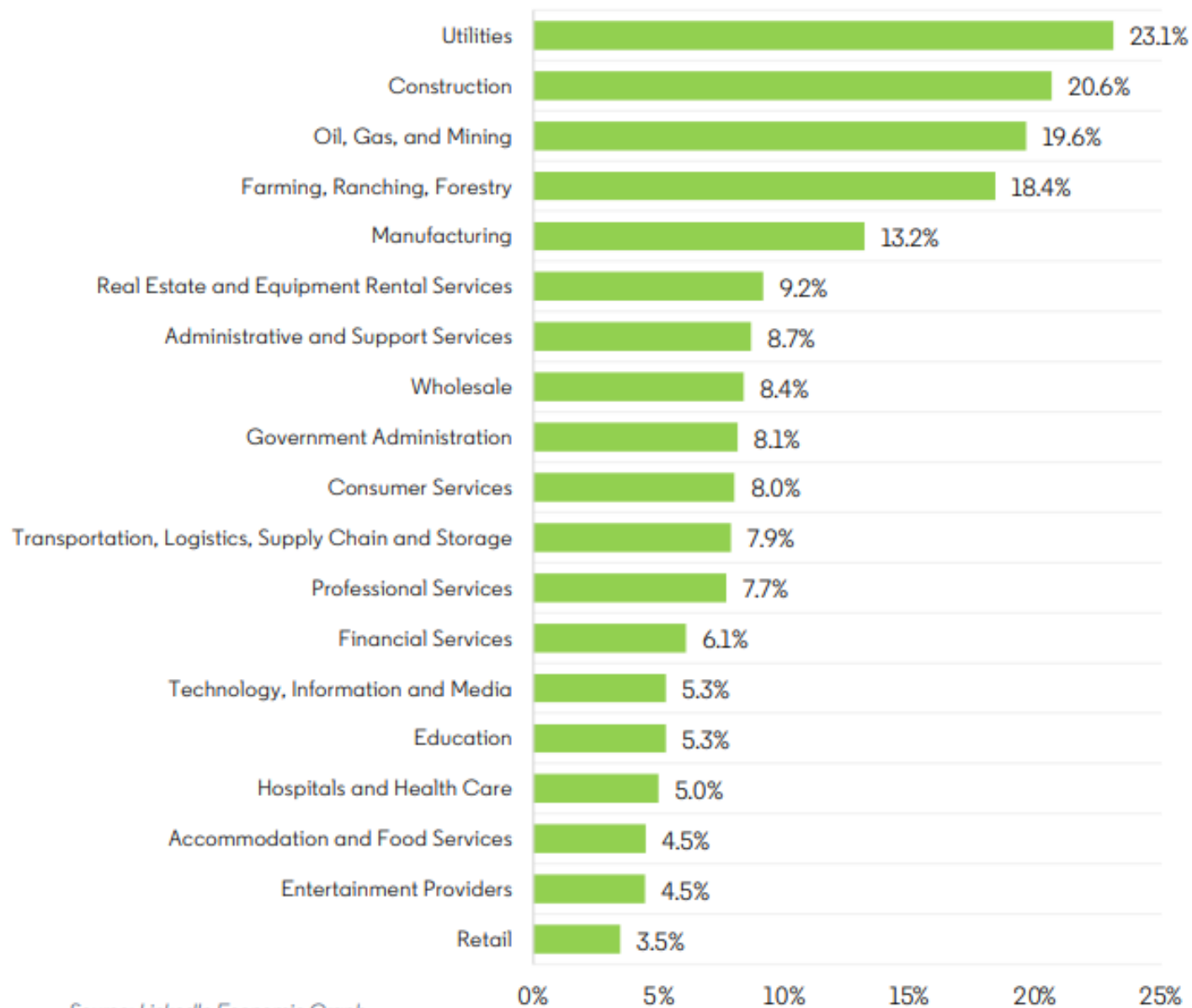


Every job is a green job ?



Global green talent demand by industry

Share of 2024 job postings requiring green skills



Source: LinkedIn Economic Graph

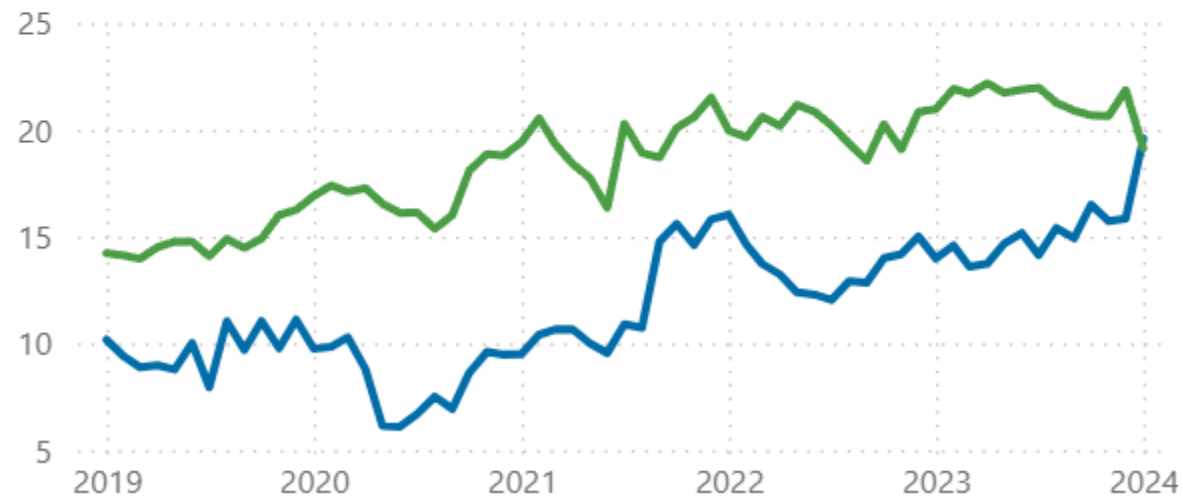
Green jobs growth in the EU (source: Lighcast)

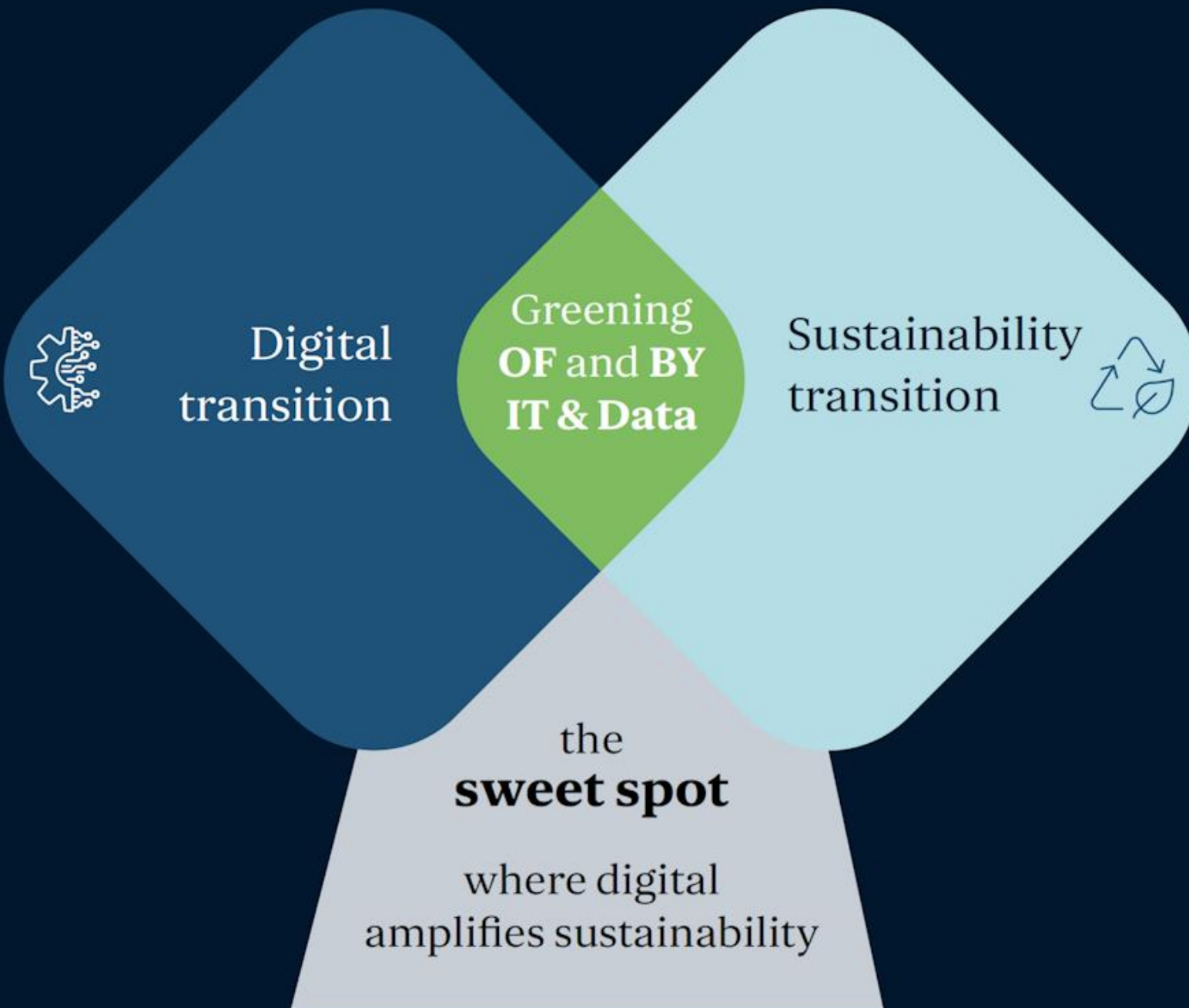
All jobs per 1000 postings ⓘ

14.8

GREEN jobs per 1000 postings ⓘ

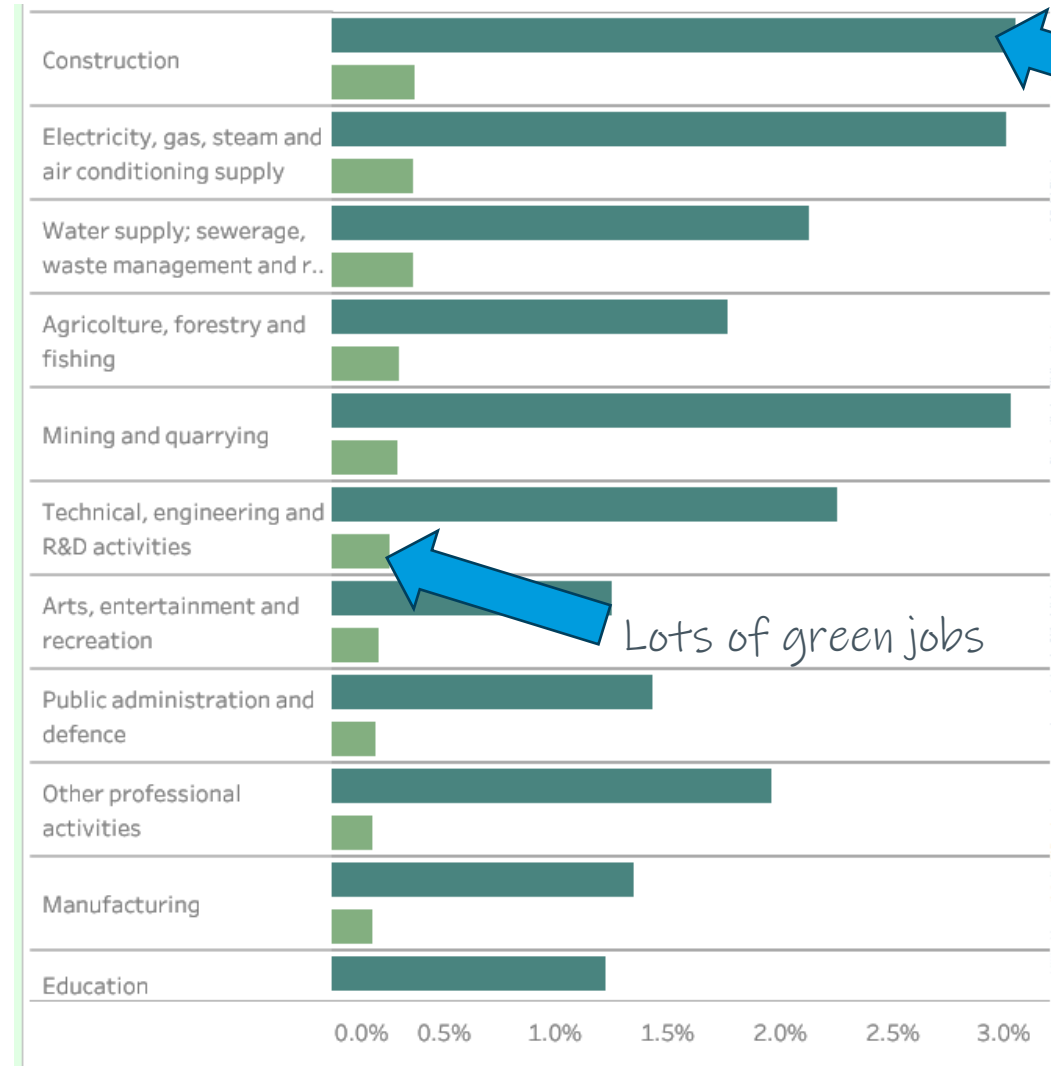
21.5





Greenness and green pervasiveness by sector in 2024 in EU

(source: CEDEFOP 2024)



Lots of green skills

Lots of green jobs



ONLINE DEMAND TRENDS

OCCUPATION OVERVIEW

SECTOR OVERVIEW

EDUCATION OVERVIEW

SKILLS OVERVIEW

DIGITAL SKILLS INSIGHTS

GREEN SKILLS INSIGHTS

REMOTE WORK INSIGHTS

COMPARE DATA TOOL

HOME

Green pervasiveness

5.05%

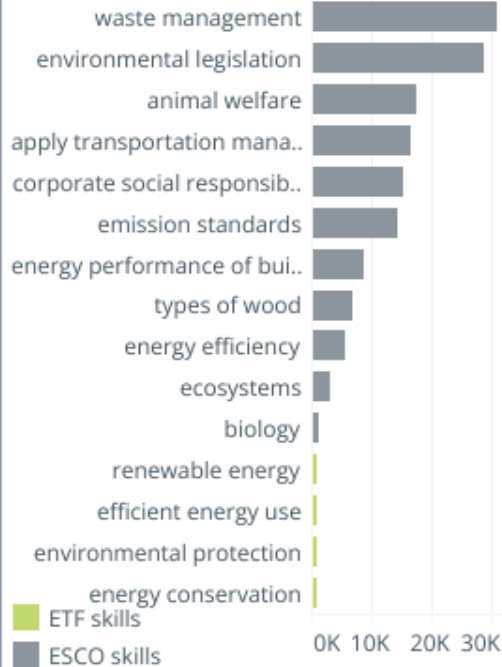
Greenness

0.39%

Release date

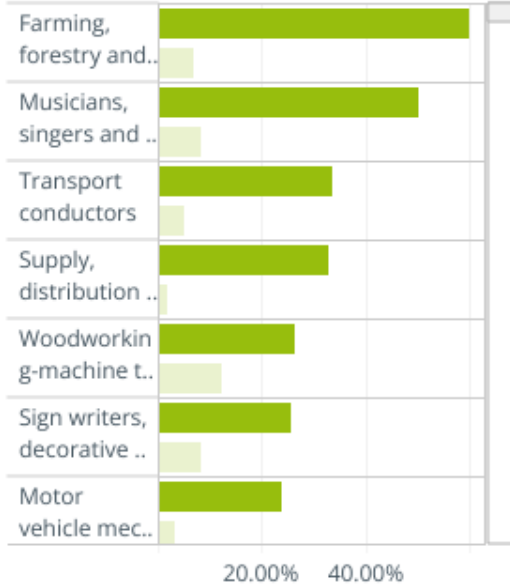


Most requested green skill

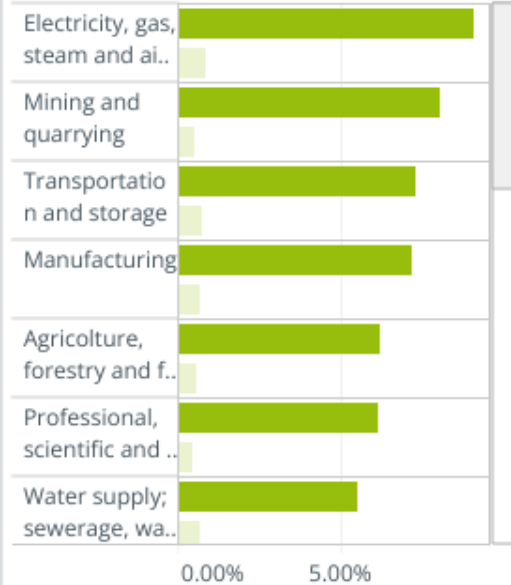


Sort by Green pervasiveness

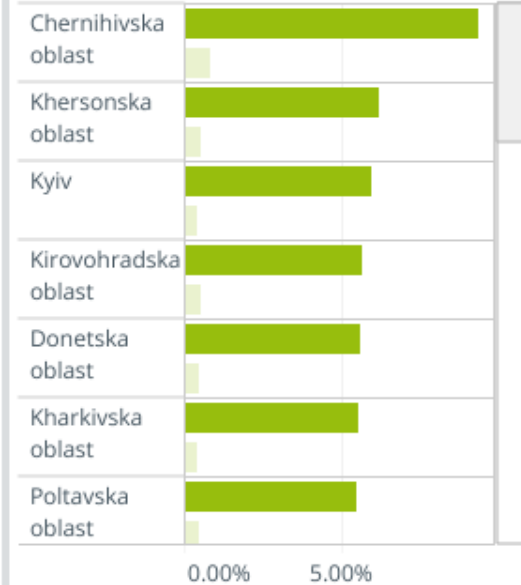
Occupation (ISCO level 4)



Economic activity division (NACE)



Region





Green pervasiveness

2.38%

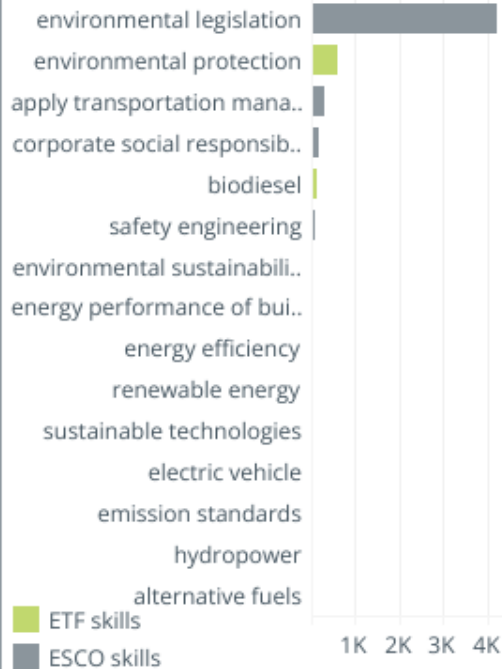
Greenness

0.25%

Release date

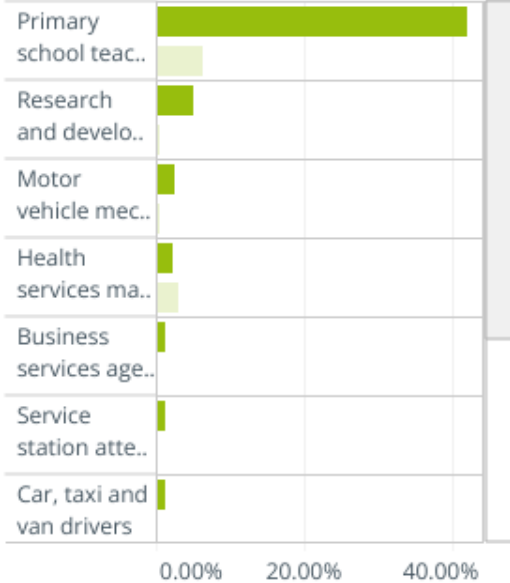


Most requested green skill

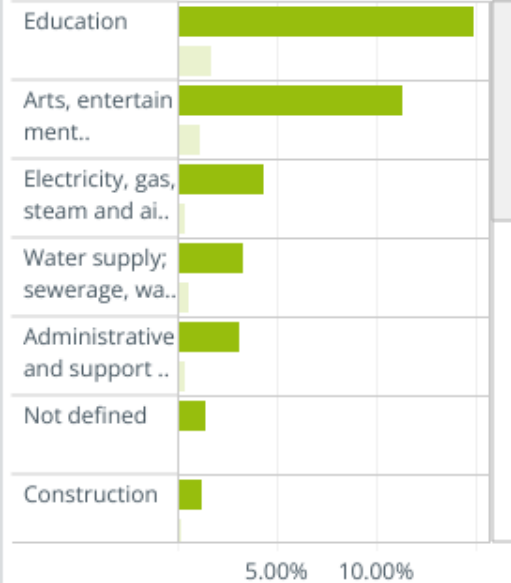


Sort by Green pervasiveness

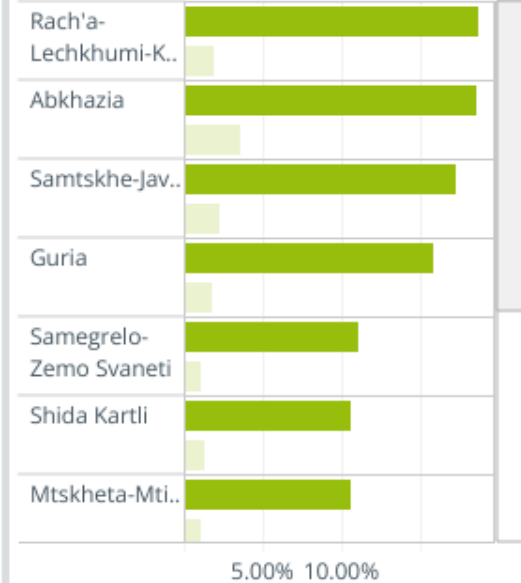
Occupation (ISCO level 4)



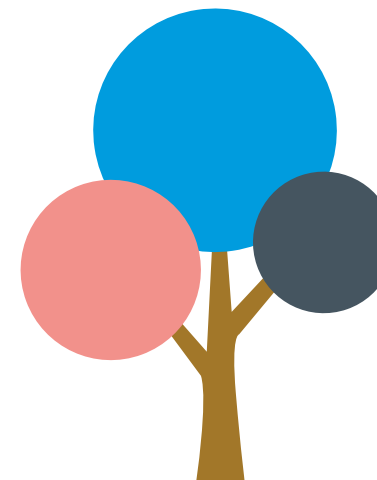
Economic activity division (NACE)



Region



- ONLINE DEMAND TRENDS
- OCCUPATION OVERVIEW
- SECTOR OVERVIEW
- EDUCATION OVERVIEW
- SKILLS OVERVIEW
- DIGITAL SKILLS INSIGHTS
- GREEN SKILLS INSIGHTS
- COMPARE DATA TOOL
- HOME



Skills, knowledge and attitudes FOR THE GREEN TRANSITION

TECHNICAL SKILLS

Occupation / sector specific
e.g. Knowledge of organic farming practices, e.g. natural pest control, and crop rotation, to avoid use of synthetic pesticides



TRANSVERSAL SKILLS

Not job specific, enabling
E.g. STEM, ICT, team work, etc.. Geographic Information Systems (GIS) and remote sensing technologies are used for mapping and monitoring soil quality, and crop health.



VALUES AND ATTITUDES

Pro-environmental attitude, Sustainability Mindset:
e.g. practices that are environmentally sound, and socially responsible.



ENVIRONMENTAL LITERACY

Explore

Helping students *understand green jobs*

Personalised Career
Development

Applied Learning

Experience

Helping students *progress towards* green jobs

Insights into
the green labour
market

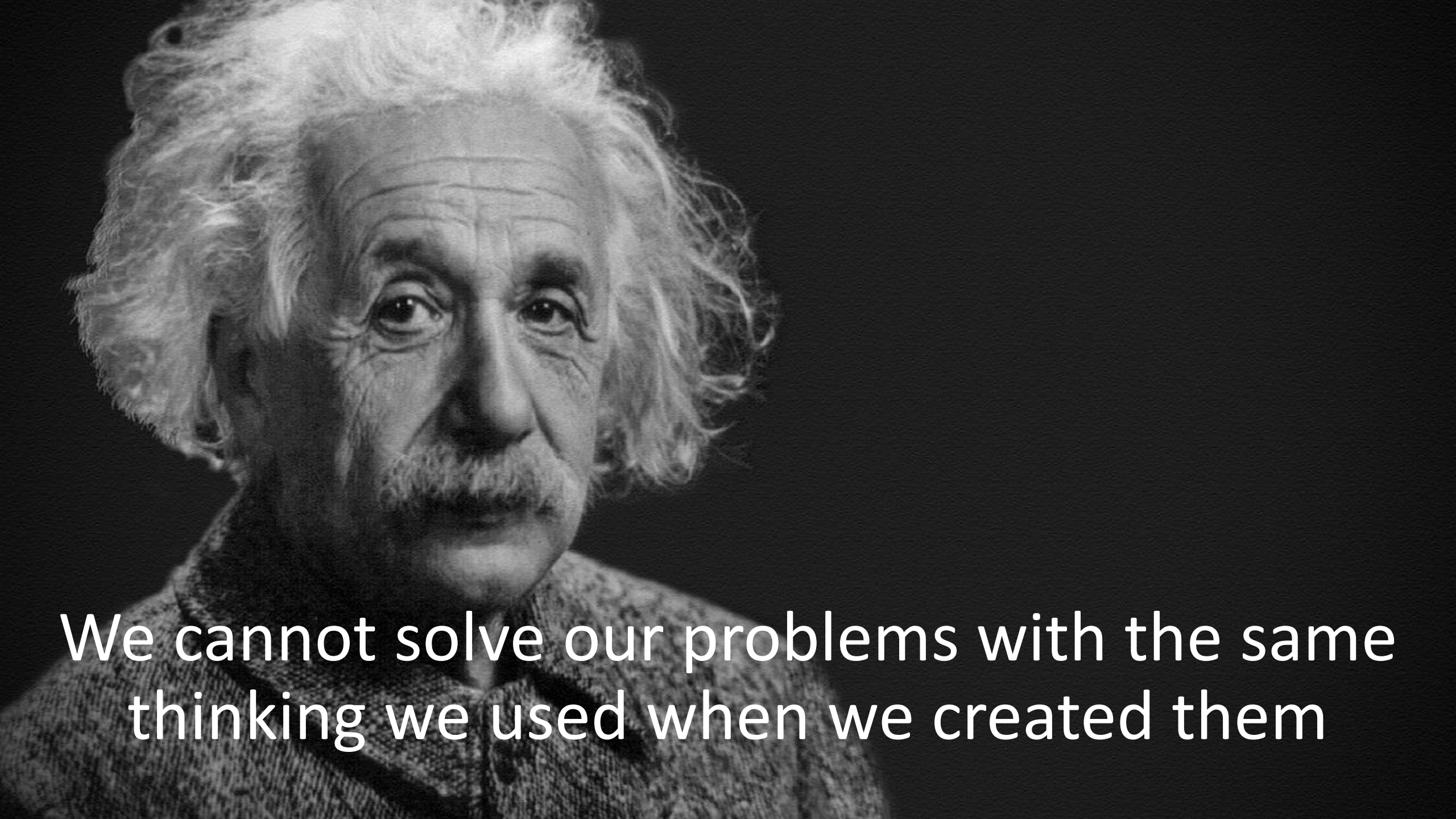
Assessing
and fostering
skills

Workplace
experience



Fostering
informed
thinking
through
career
development
activities





We cannot solve our problems with the same thinking we used when we created them



“Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has.”

— Margaret Mead