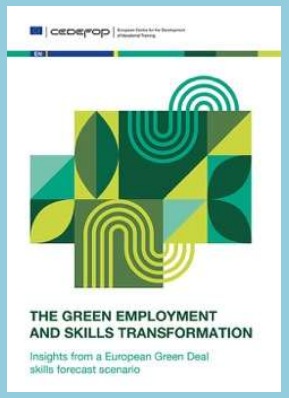
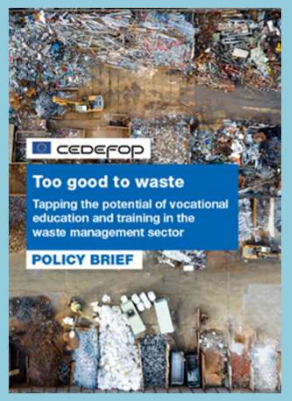
Flagship reports



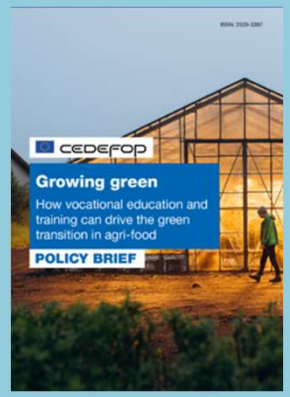
Foresight in sectors and in cities



EUROPEAN YEAR OF SKILLS

Green Observatory

Greening skills and VET



Jürgen Siebel, Cedefop Executive Director

Brussels, 8 November 2023

Conference on **#ReskillEU - new jobs for energy and transport in Europe** | European Economic and Social Committee

Green transition creates more jobs than it destroys

European Green Deal skill forecast scenario

- About 2.5 million additional jobs by 2030
- Employment benefits in most sectors, some negatively affected (e.g., coal mining)
- Indirect employment benefits mainly for service-based sectors (e.g. ICT, real estate)

Up-/reskilling for all workers

- Targeted policy for 'key' and 'thyroid' occupations
- VET for workers' transitions in 'brown' sectors (e.g. conventional electricity)
- IVET to prepare future workers for green(er) jobs

Jobs driving green transition

- Frontline green jobs
- Greentech specialists
- Green transition managers
- Digital specialists
- Green 'hearts and minds' professionals

Cedefop (2021). *The green employment and skills transformation*

Cedefop (2022-23). *Foresights in cities, waste management, agri-food, circular economy*

Online job advertisements by 'greenness' (averages for Q1 2020-Q4 2022)

46% no green skills

25% medium green

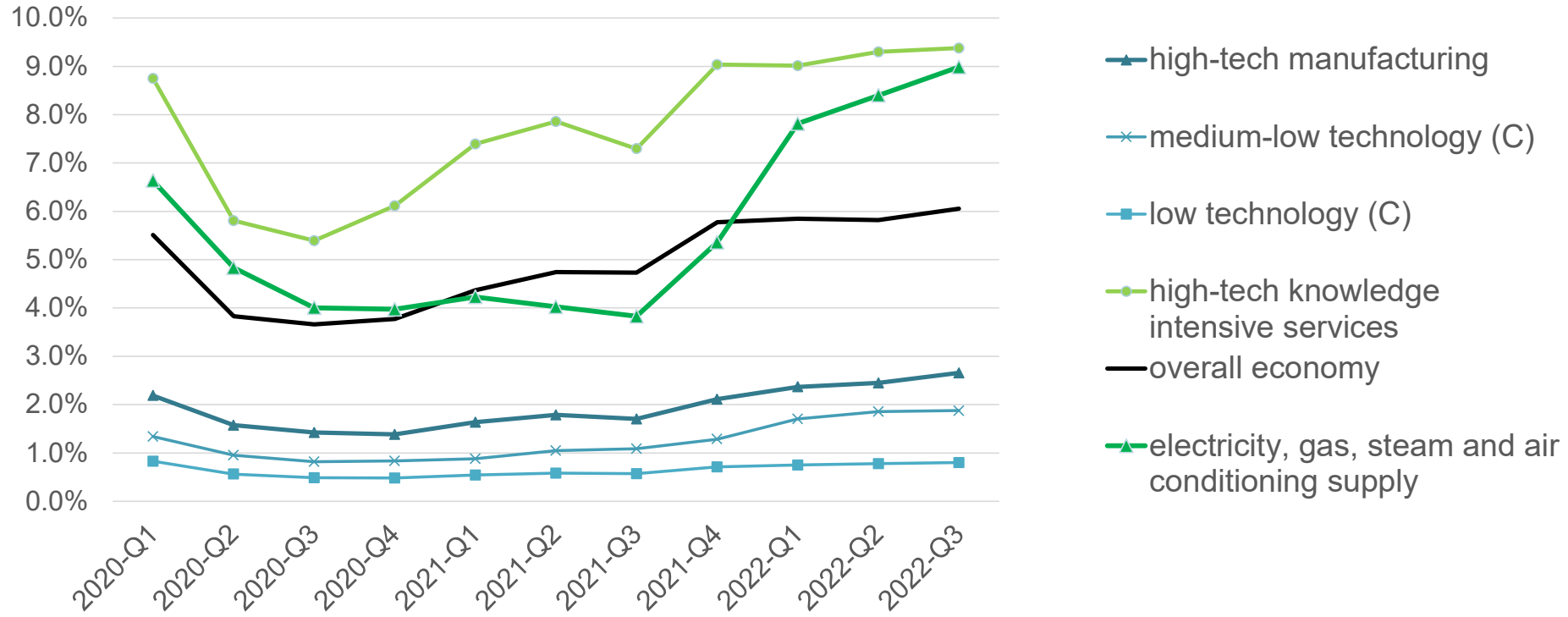
16% some green skills

13% high green skills intensity

Source: WIH-OJA

Covid rebound in high tech services and energy sector

Job vacancy rates in selected sectors (Q1-2020 until Q3-2022)

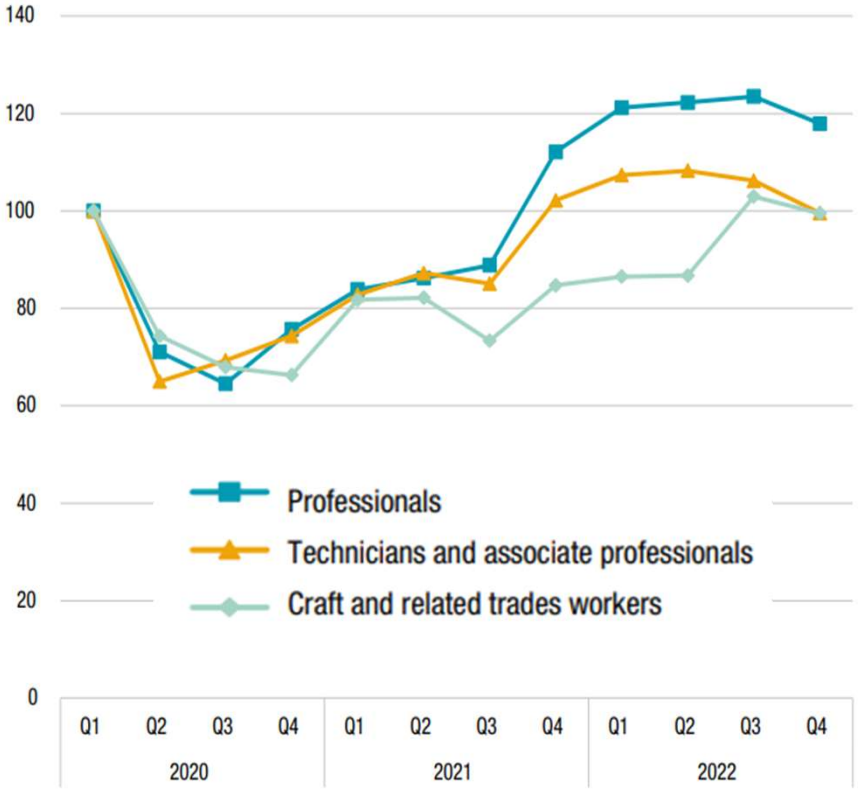
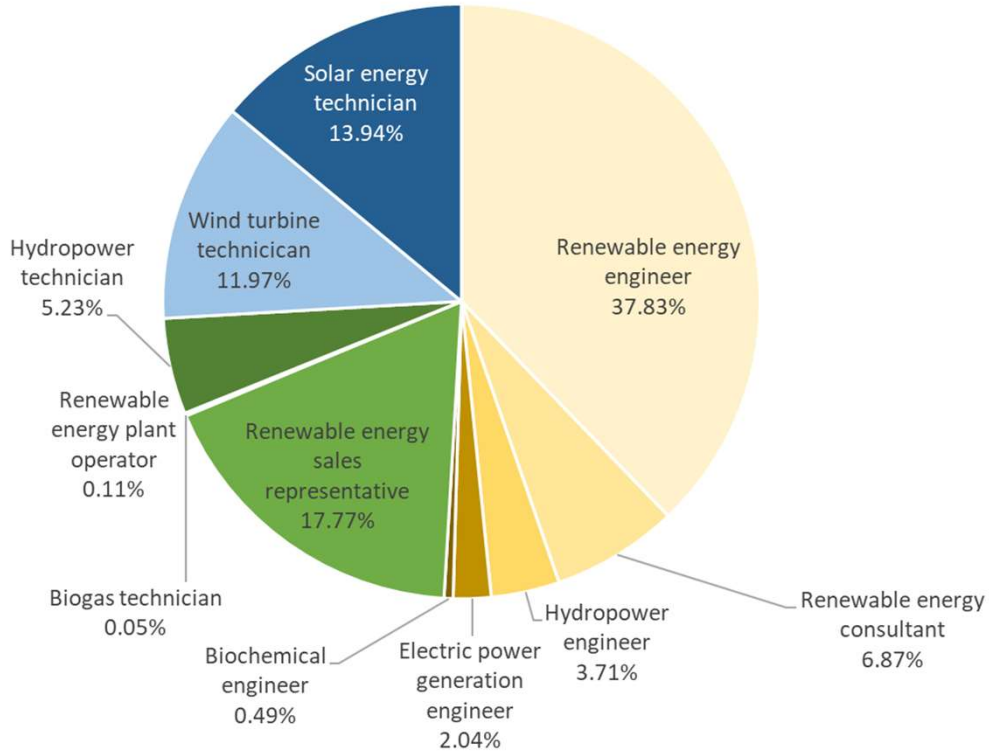


NB: For better visualisation sectors that followed the same trends as the overall economy are not included.

Source: WIH-OJA data, Eurostat LFS LFSQ_EGAN22D.

High trained people set green transition in motion

Growth in online job ads for renewable energy occupations (ISCO, Q1 2020 = 100)



Demand for renewable energy occupations, Q1 2023, EU-27