



# Cedefop 2020 Skills Forecast Trends and future challenges

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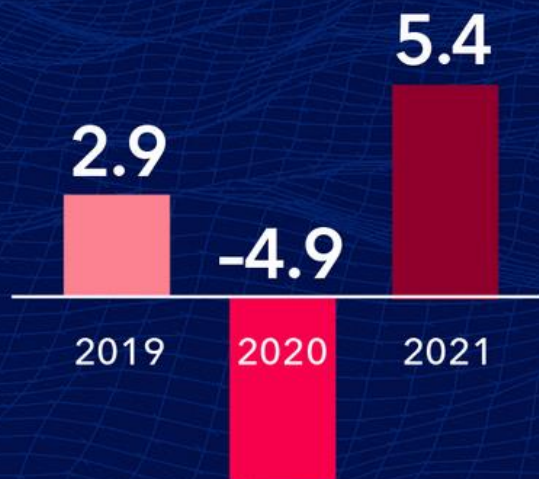
**CEDEFOP**

European Centre for the Development  
of Vocational Training

# GROWTH PROJECTIONS

A Crisis Like No Other, An Uncertain Recovery

## GLOBAL ECONOMY



## ADVANCED ECONOMIES

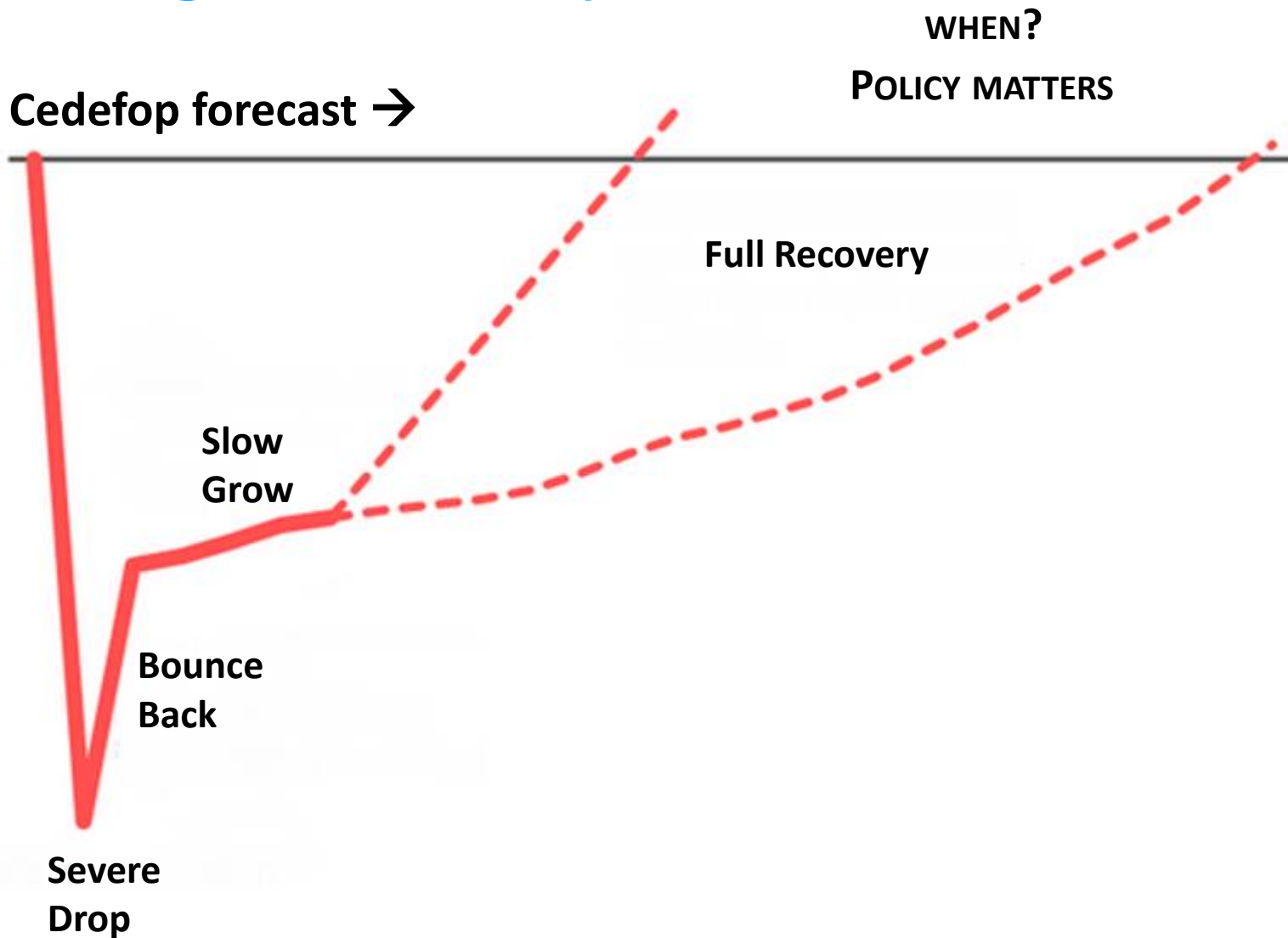


## EMERGING MARKETS & DEVELOPING ECONOMIES



**Euro area:**  
2020: -10.2  
2021: + 6.0

# Facing uncertainty



# Ageing population and participation rates

## 2021-30



# Employment growth by sector

## EU27, 2021-30

### GROWTH

- Health and social work
- Education
- Hotels & catering
- Various business services

### SLIGHT GROWTH






- Public admin and defence
- Banking and insurance
- Electricity, gas & water
- Miscellaneous services
- Construction
- Distribution
- Transport

### DECLINE

- Mining & quarrying
- Various manufacturing
- Engineering
- Food, drink & tobacco
- Agriculture etc.

# Technology vs employment

EU27, 2021-30

	GVA GROWTH	EMPLOYMENT CHANGE
 COKE AND REF PETROLEUM	60%	-1%
 ELECTRICAL EQUIPMENT	33%	4%
 WOOD, PAPER, PRINTING AND PUBLISHING	10%	-1%
 HEALTH	8%	9%
 EDUCATION	7%	6%

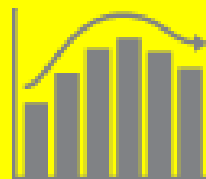
# Sectoral changes and technology-driven job creation



What can prepare the EU for sustaining the shift towards human capital intensive sectors?



Will automation moderate job growth?

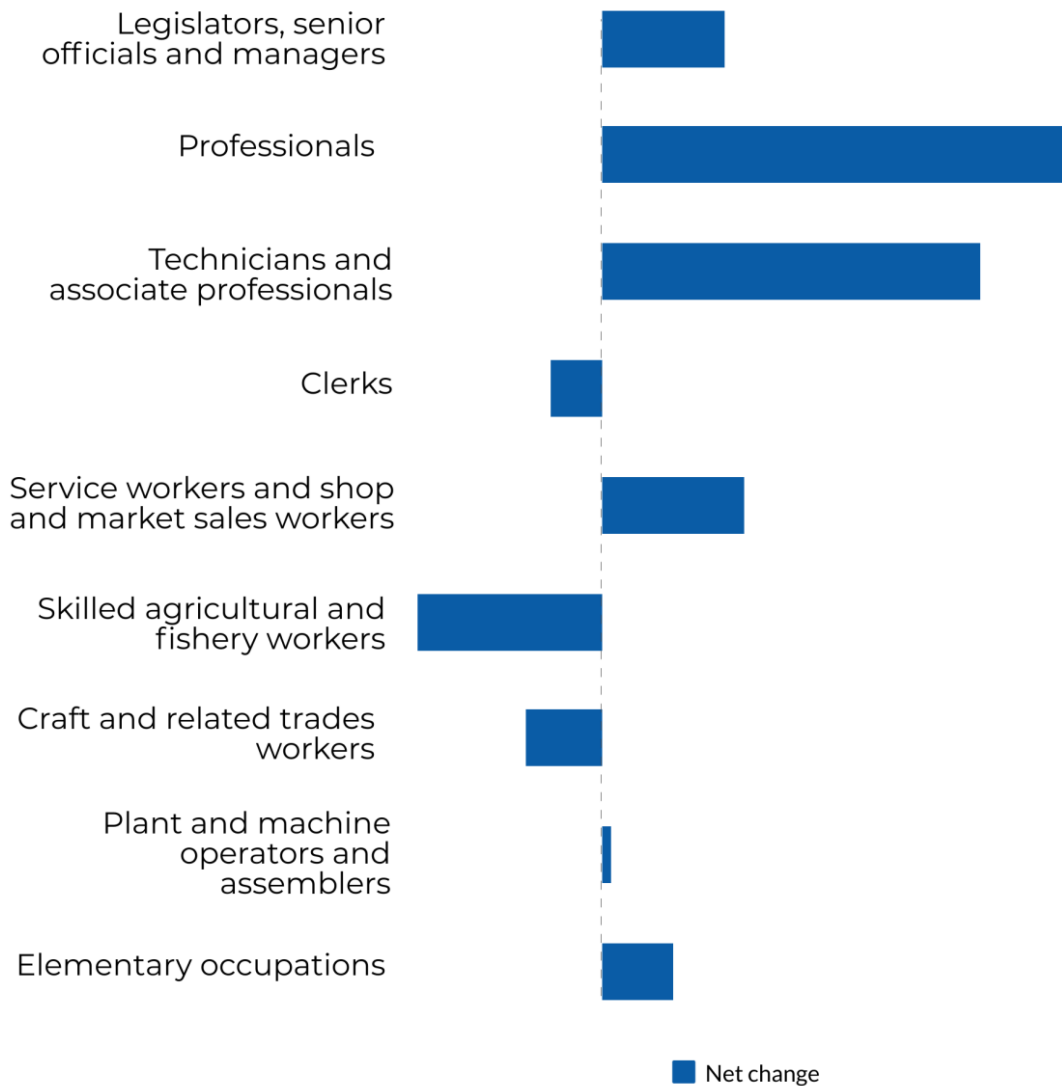


How can we turn demographic challenges into employment opportunities?



How can policy address the rising non-standard/platform work?

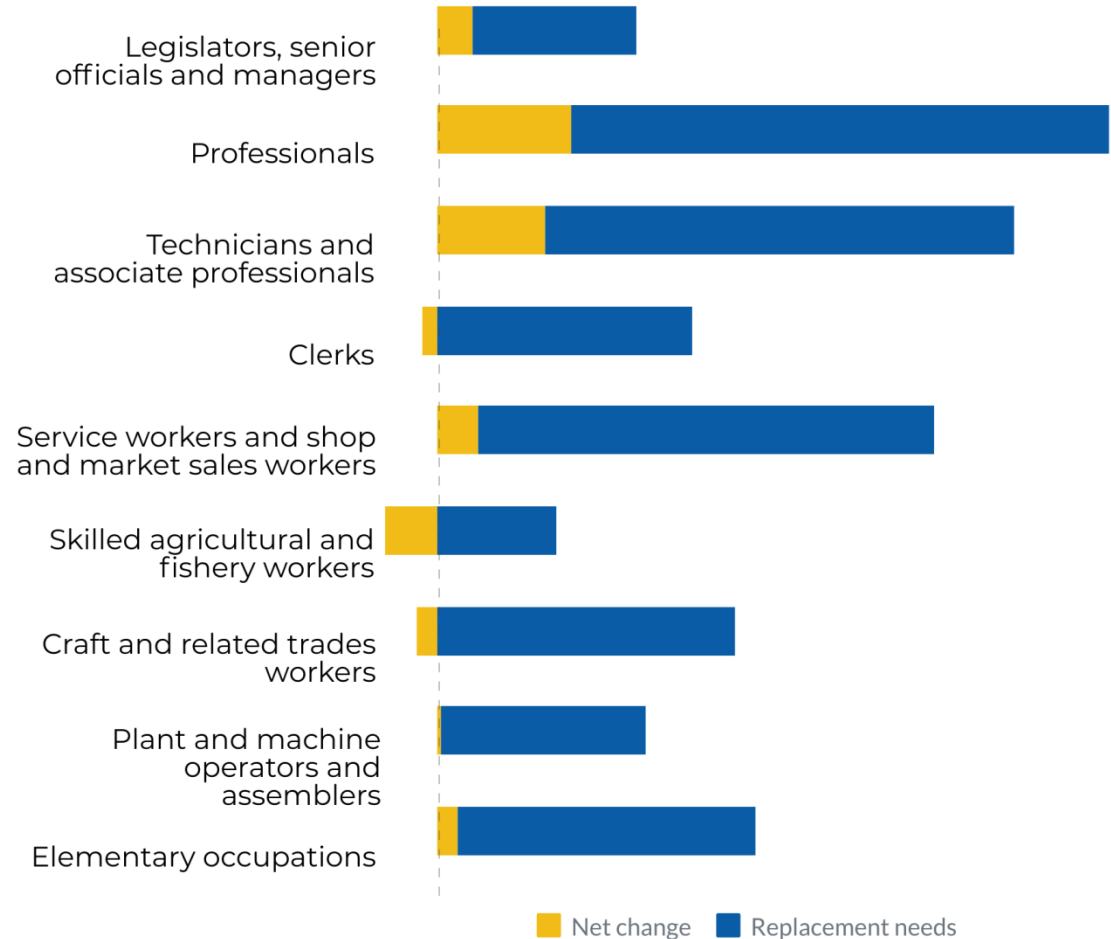
# Job polarisation: change in demand by occupation 2021-30





# Net change and replacement Needs by occupation

2021-30



# The jobs challenge

01

Will technology accelerate job polarisation?

02

Is the quality of jobs at stake?

03

How do we address rising inequalities?

04

How do we need to rethink education and training?





# Thank you

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