

# Future Skills Needs in Climate Change

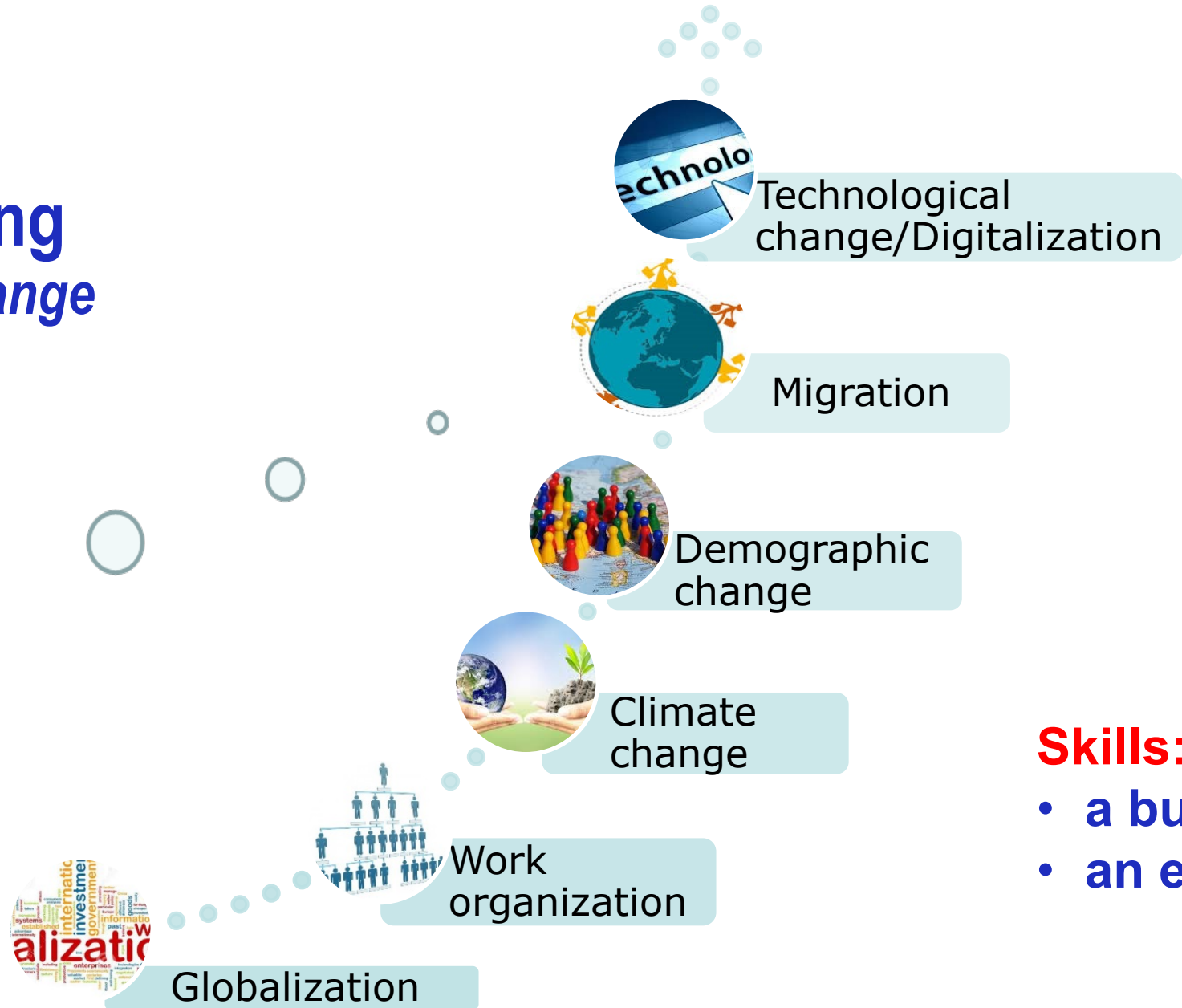
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Markets",  
ILO, Geneva

08 November 2021

# World is changing

## Global drivers of change

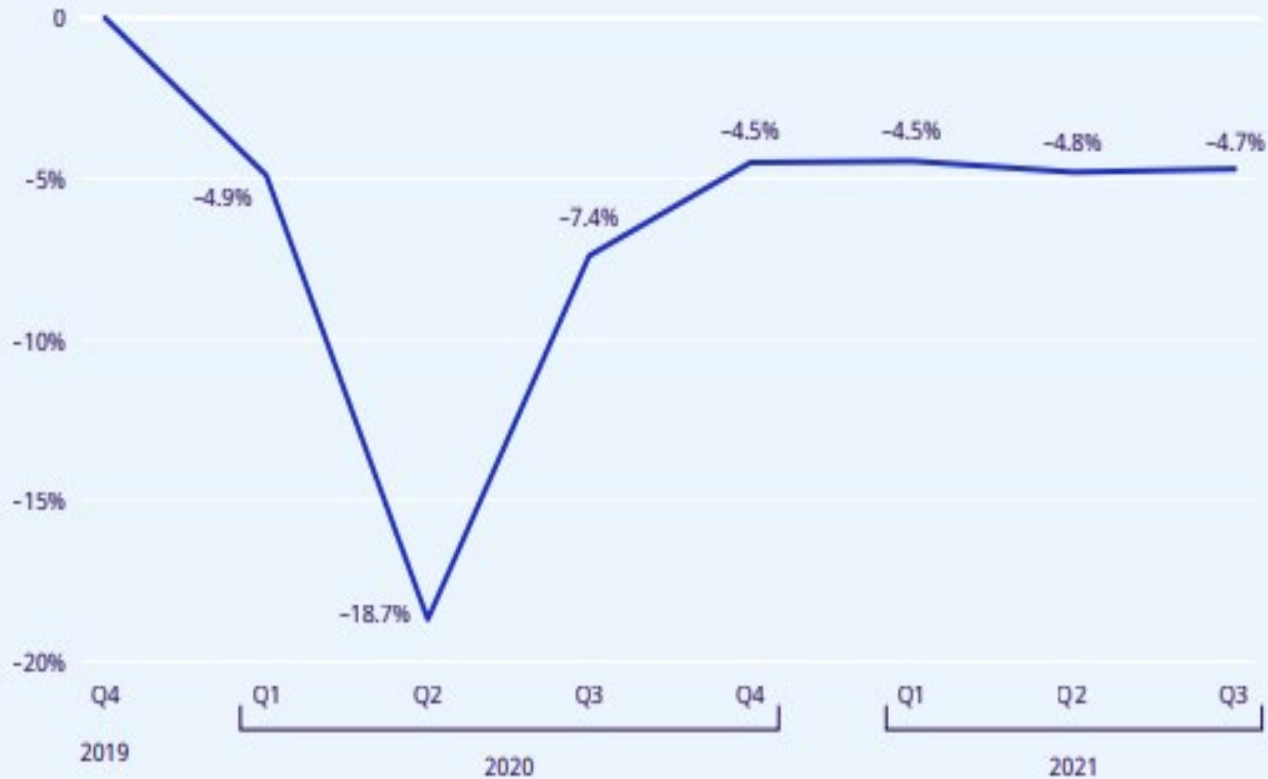
Which jobs?  
Which tasks?  
Which skills  
and  
qualifications?



### Skills:

- a buffer
- an enabler

## Global loss of working hours with long lasting effects



Source: ILOSTAT database, ILO modelled estimates.

### Particularly affected groups:

- Young people, particularly young women,
- Older workers
- Women,
- Low-skilled people
- SMEs, informal sector
- Low-income countries



International  
Labour  
Organization

**Global Call to Action**  
for a human-centred  
recovery from the COVID-  
19 crisis that is **inclusive,**  
**sustainable and resilient**

**“Strengthen public and private  
investment in skills  
development  
and lifelong learning”**

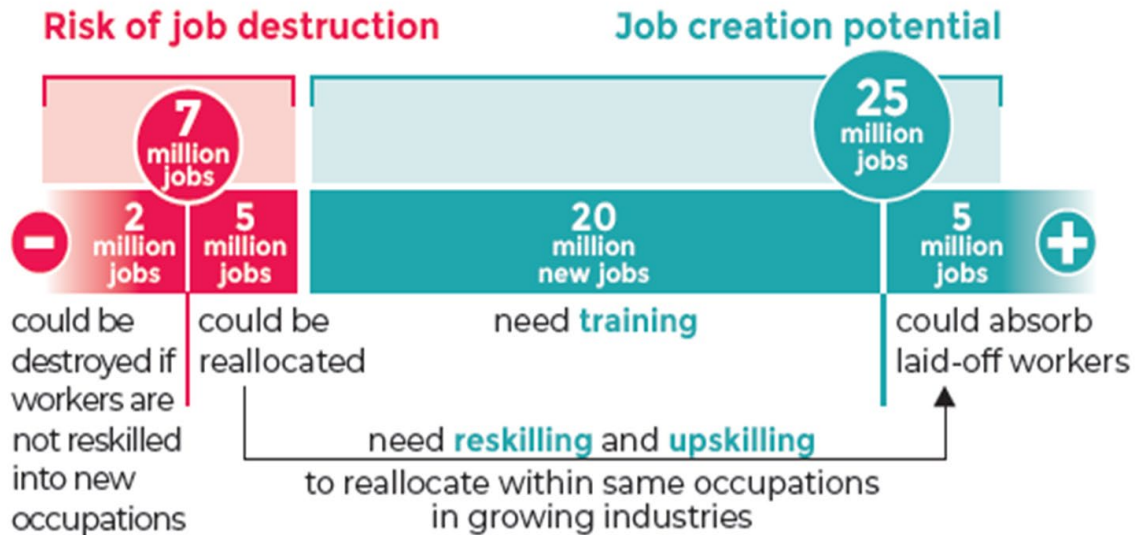


## Investment in reskilling and upskilling is crucial for green transition



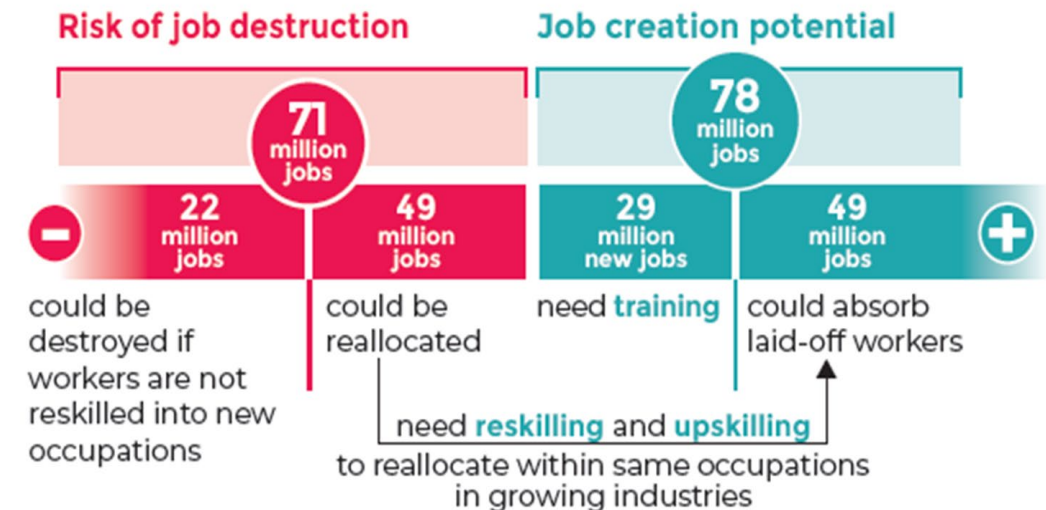
### Energy sustainability scenario, 2030

#### Potential job growth



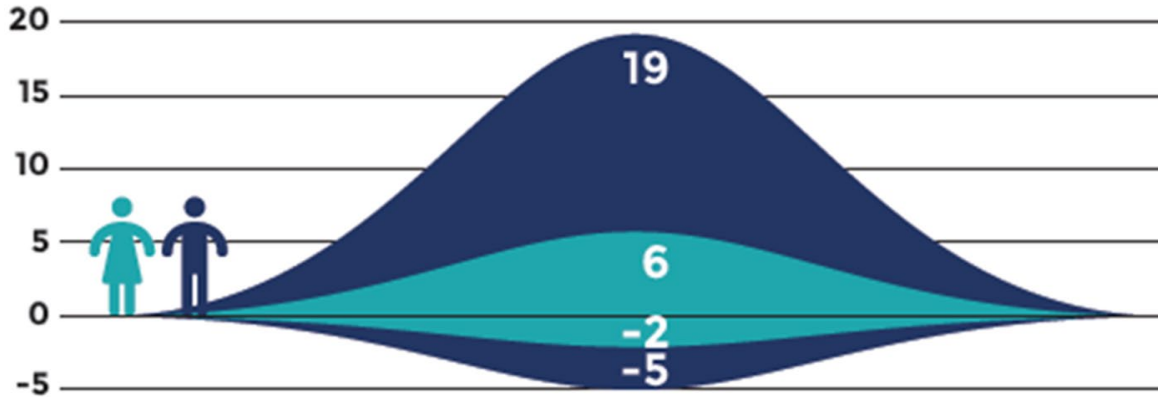
### Circular economy scenario, 2030

#### Potential job growth



# Gender Outlook in both global scenarios

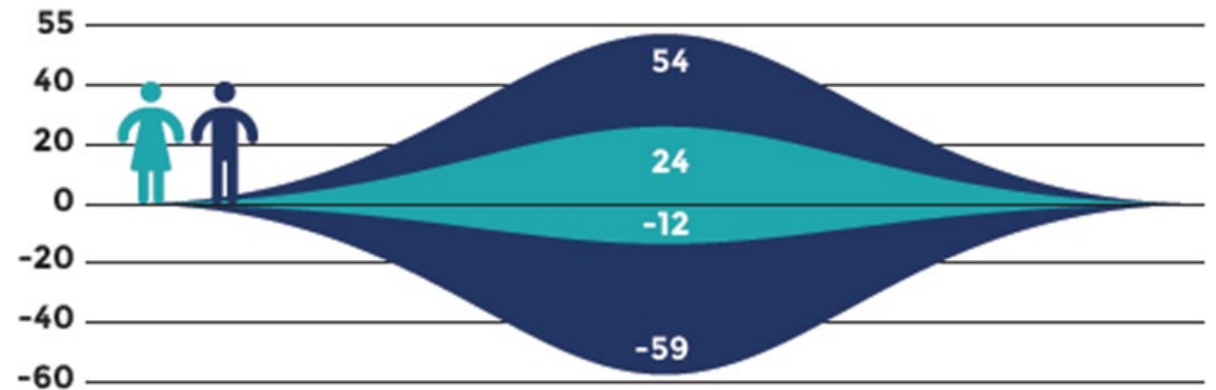
Job change by gender



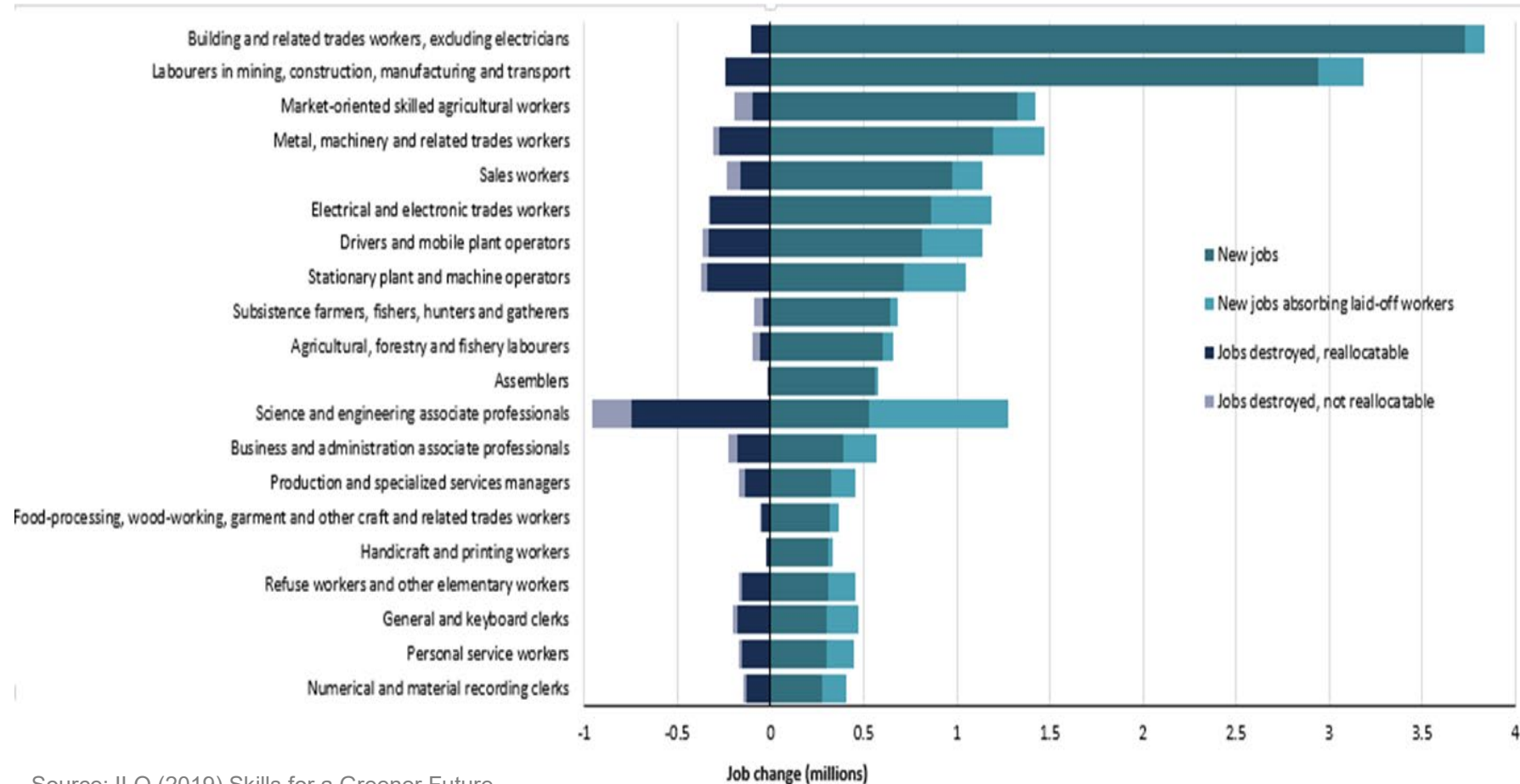
Circular economy, 2030

Energy sustainability, 2030

Job change by gender

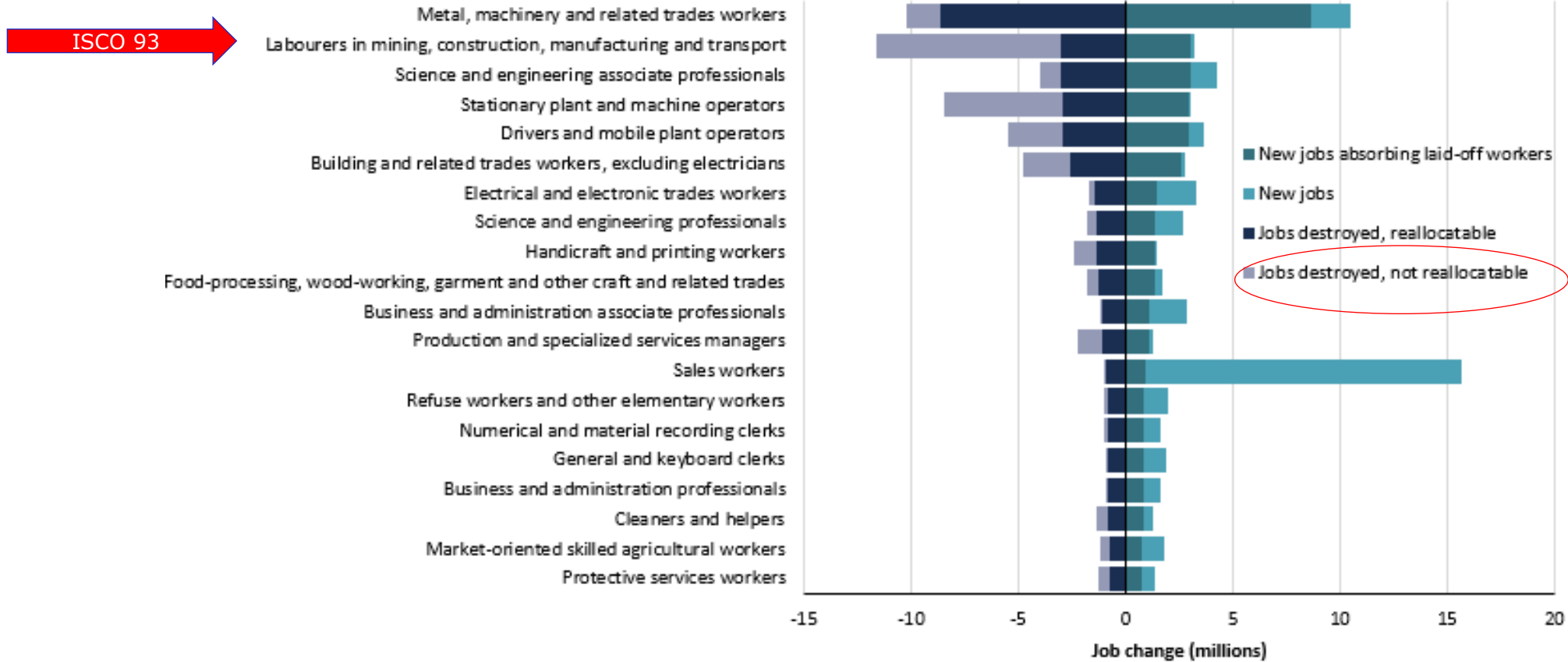


## Energy sustainability scenario, 2030



Source: ILO (2019) Skills for a Greener Future.

# Circular economy scenario, 2030

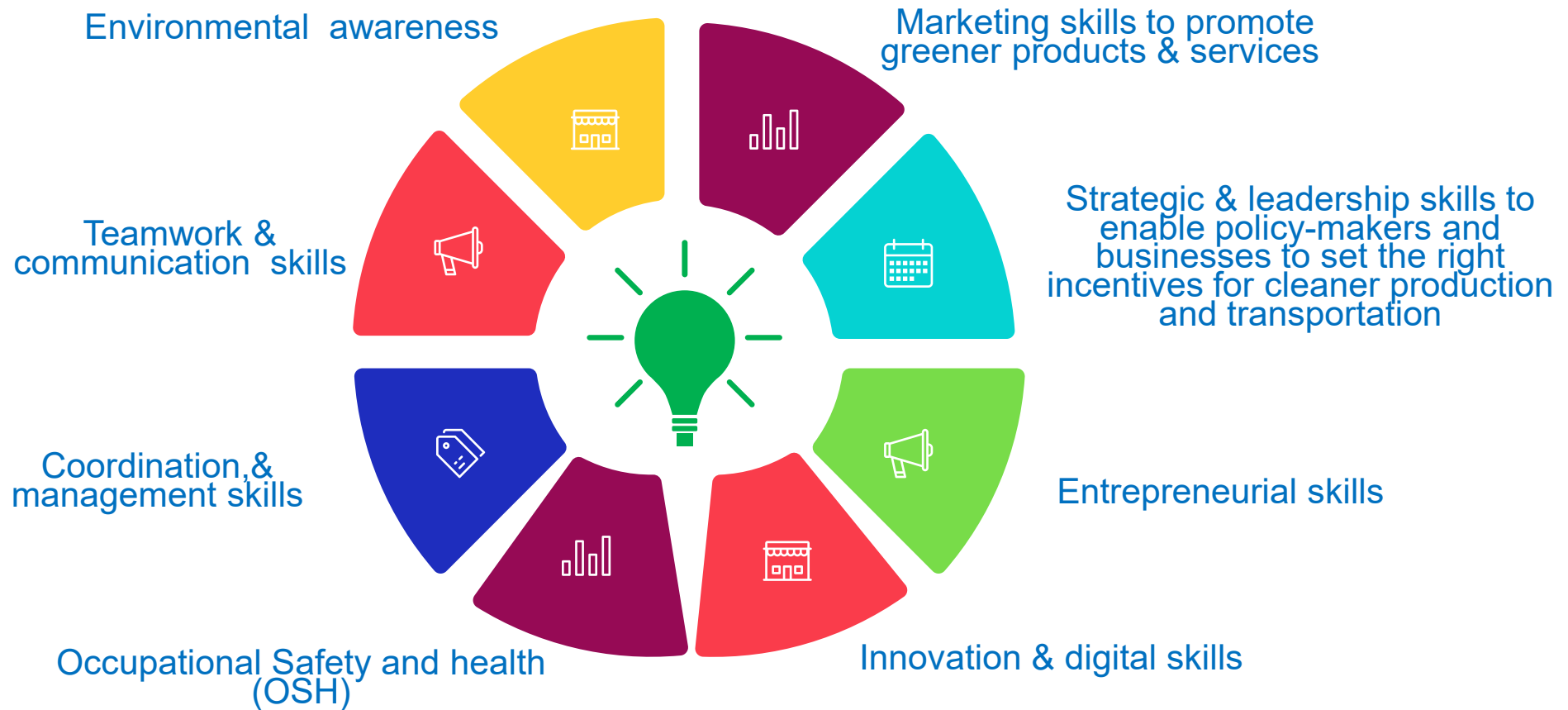


Source: ILO (2019) Skills for a Greener Future.

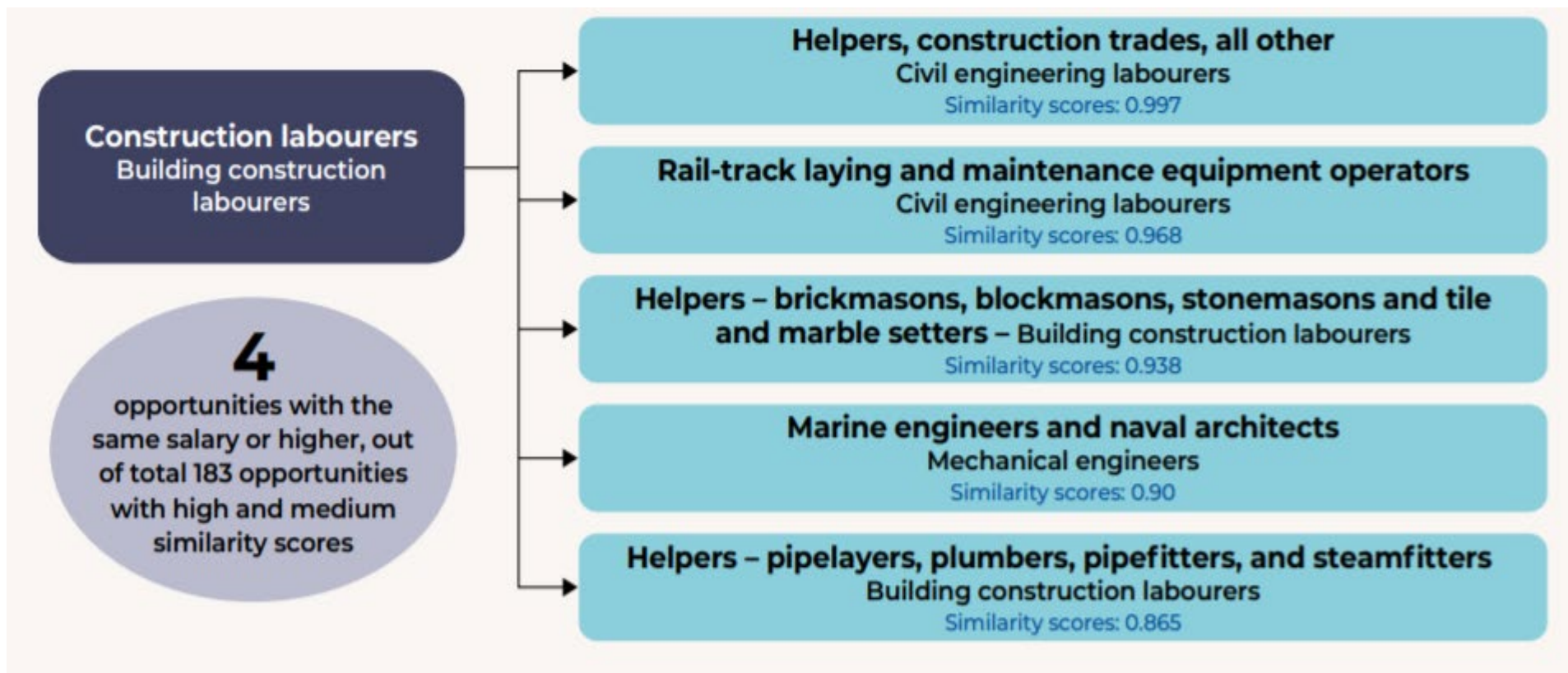




## Core employability skills are essential in just transition

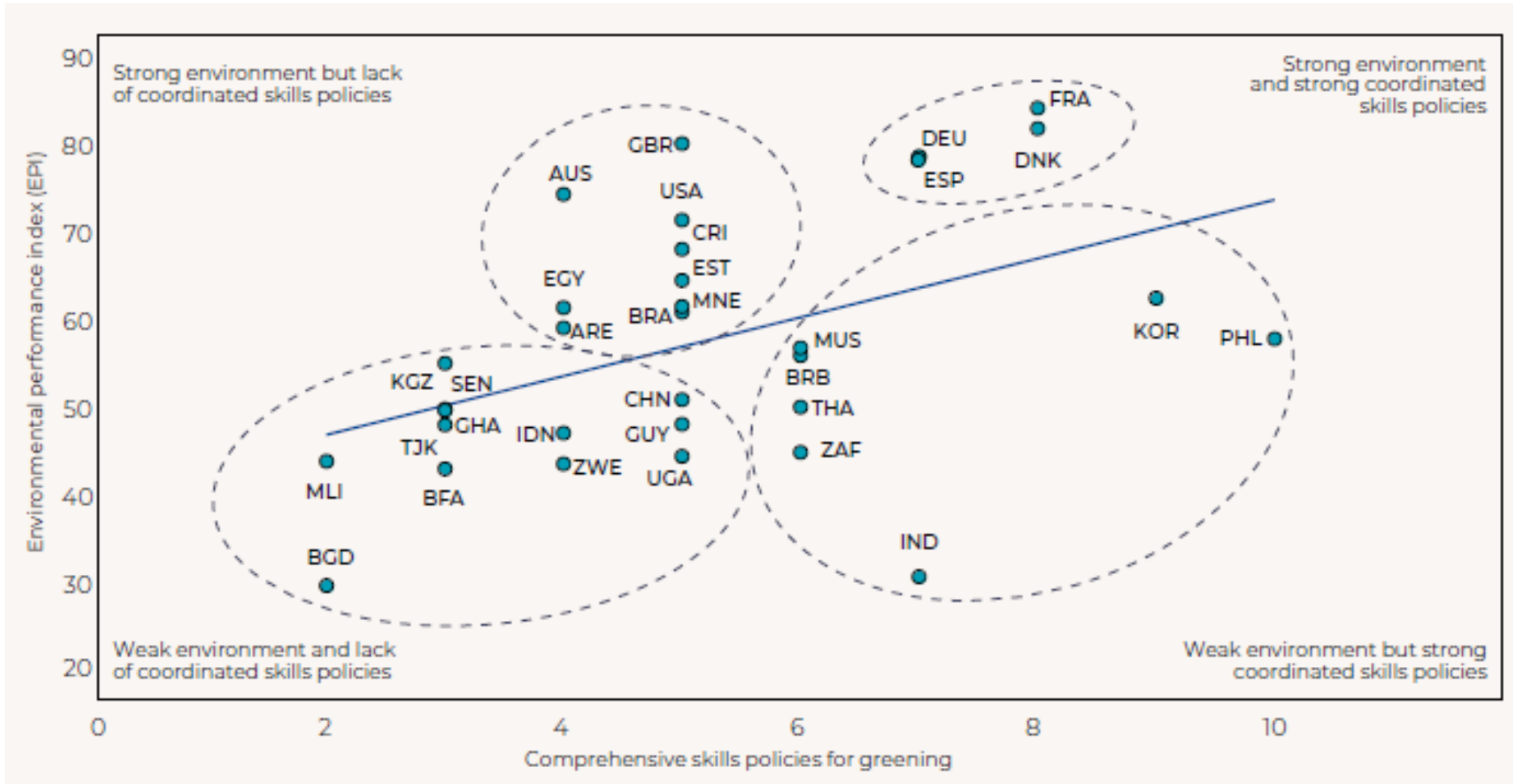


## Transition paths for construction labourers



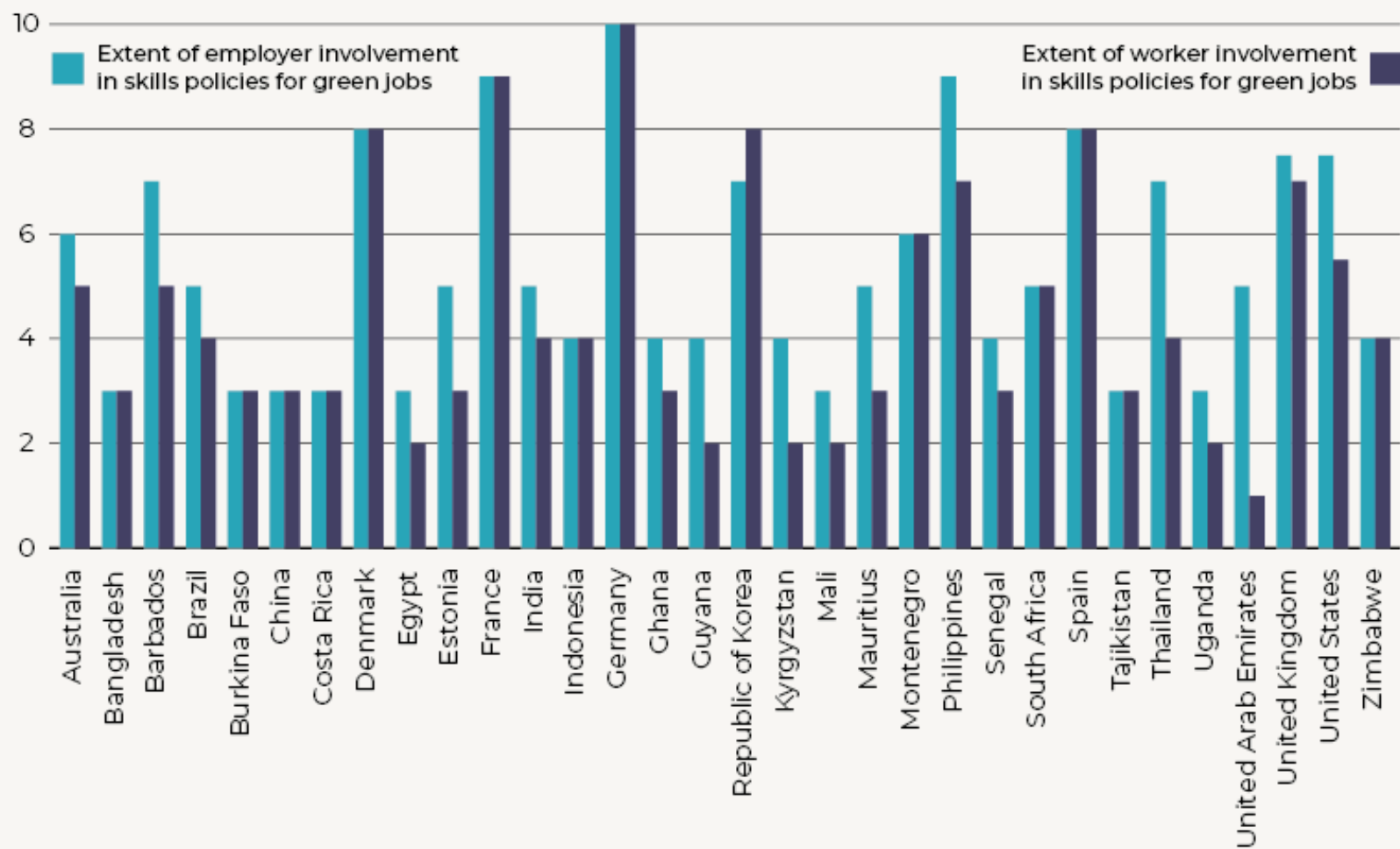
Source: ILO (2019), Skills for a greener future – global synthesis report

## Policy coherence is a key factor of success



Source: ILO (2019) Skills for a Greener Future

## Social dialogue is instrumental



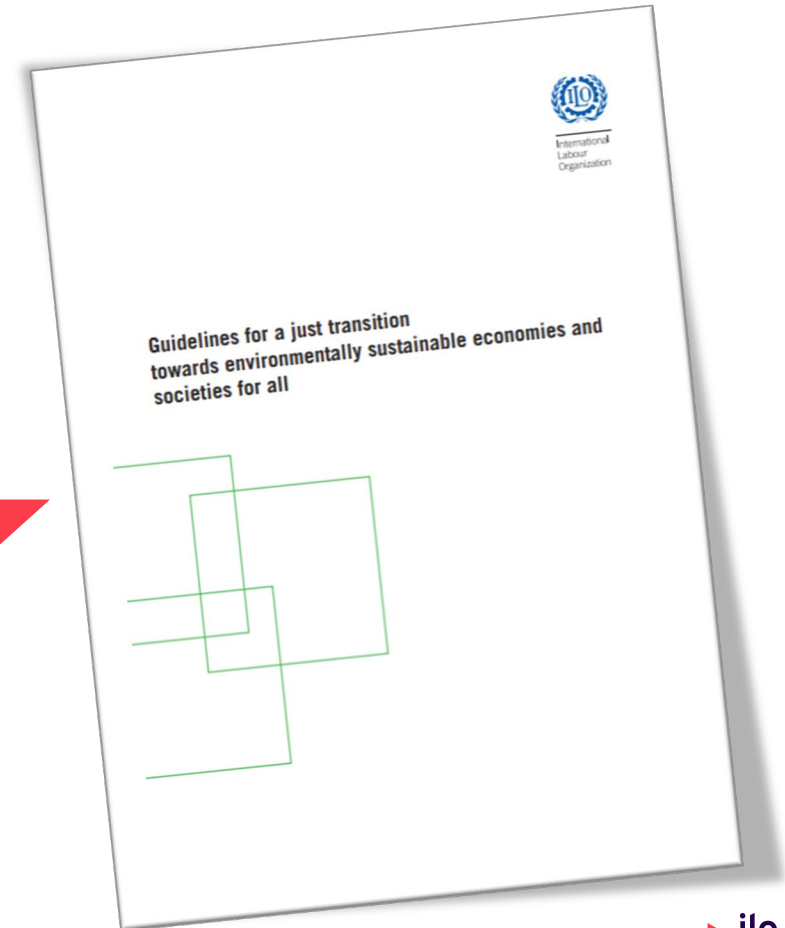
Source: Authors' calculations, based on qualitative analysis of country reports and an expert survey.

## ILO Just Transition Framework

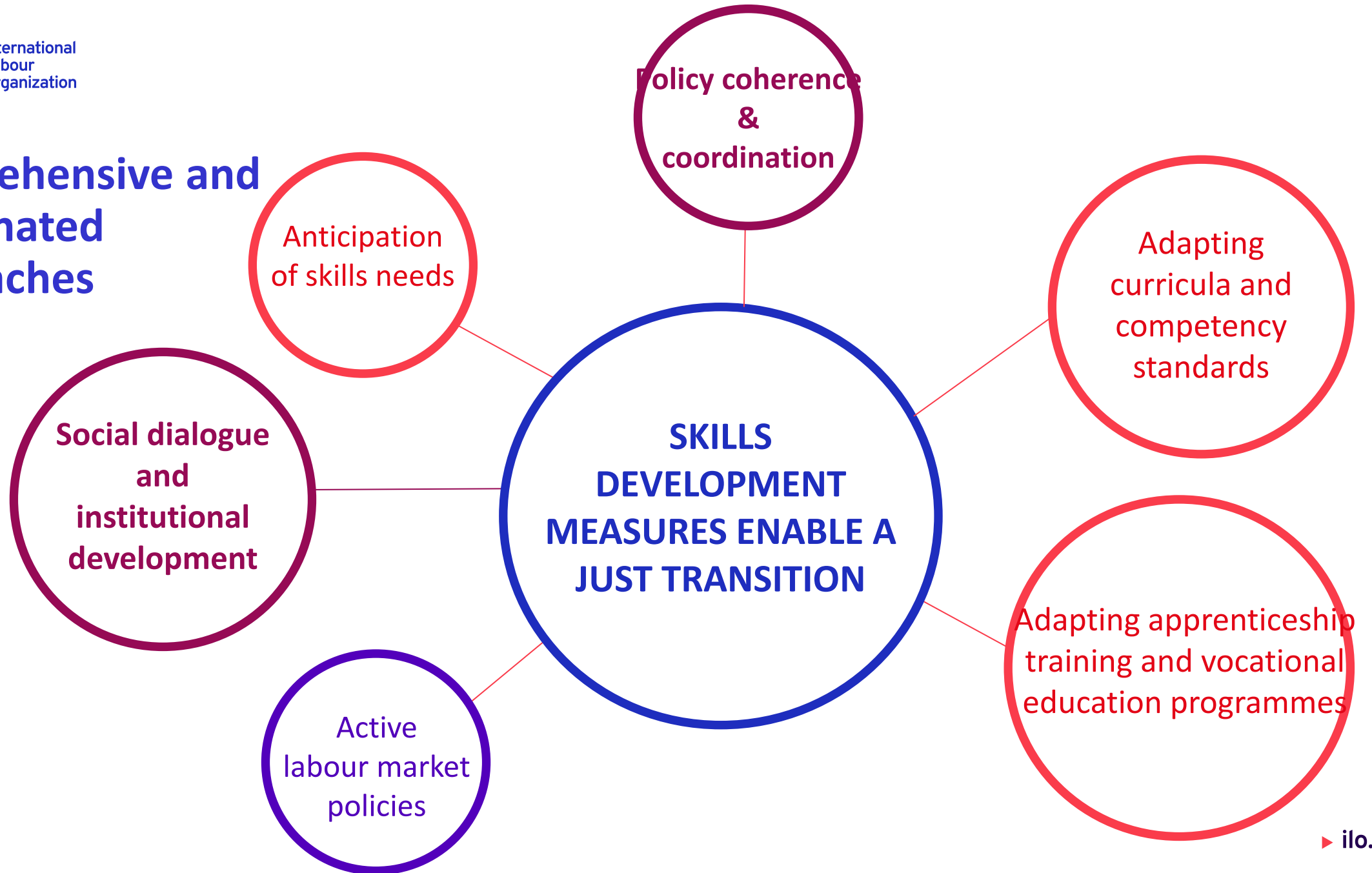
In 2015, the ILO adopted the policy **guidelines for a just transition** towards environmentally sustainable economies and societies for all.

### Skills development & ALMPs

**Key policy areas** to address the environmental, economic and social sustainability.



► **Comprehensive and  
coordinated  
approaches**



## SKILLS products for a Greener Future

Skills for a Greener  
Future: A global  
view



Anticipating skill needs  
for green jobs: A practical  
guide



Skills and Occupation Needs  
in Renewable Energy

Skills and Occupation Needs  
in Green Building



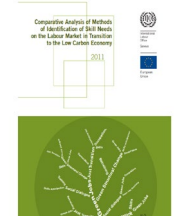
### **Forthcoming:**

A practical guidance tool for  
greening TVET, competency  
standards, curricula and  
assessment

Policy Brief: Challenges  
and enabling factors to  
achieve a just transition



Comparative analysis of  
methods of identification of  
skills needs on the labour  
market in transition to the low  
carbon economy



**[ILO SKILLS - https://www.ilo.org/skills](https://www.ilo.org/skills)**

**[Global KSP - https://www.skillsforemployment.org/skpEng](https://www.skillsforemployment.org/skpEng)**

**For more information:**

**[skills@ilo.org](mailto:skills@ilo.org)**