



# Designing Better Renewable Energy Policies

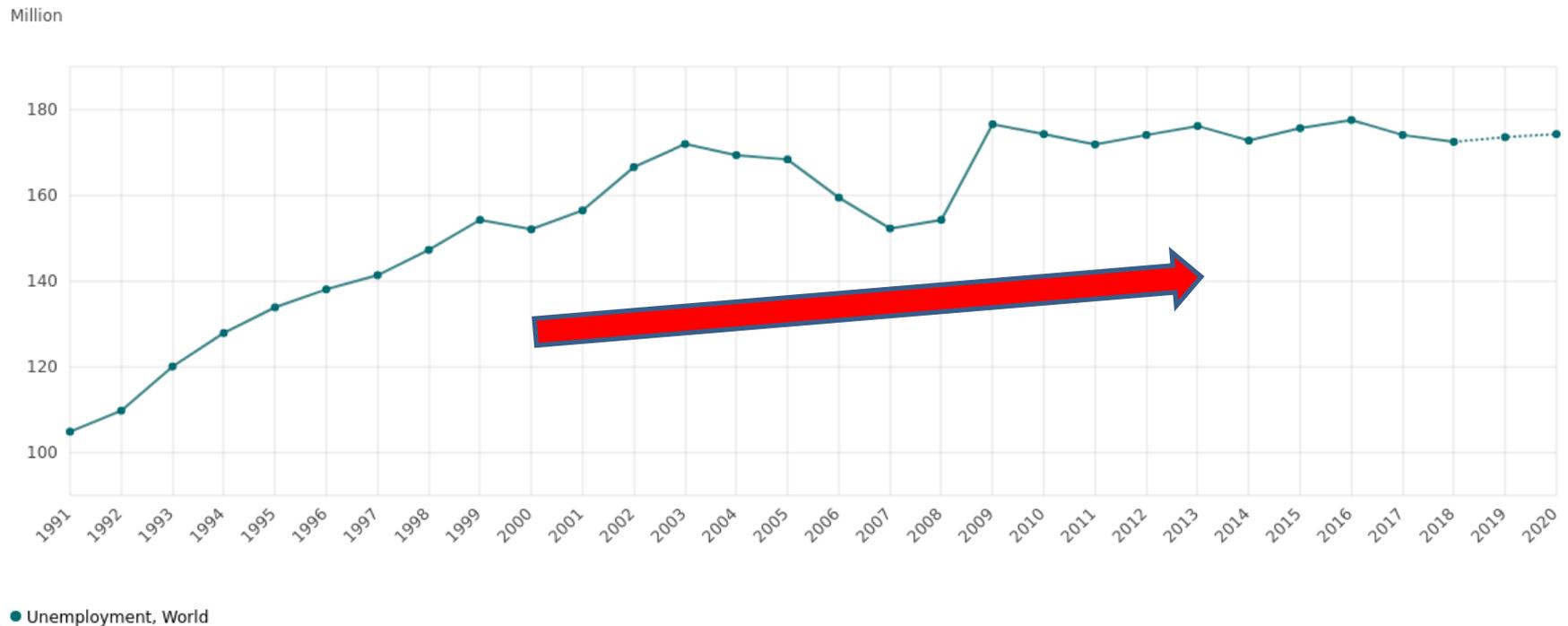
With the help of evidence based job models

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Economist

Green Jobs Programme, ILO  
IRENA LTES 26 March 2020



# Context: climate & renewables key! But unemployment, inequality rising... Politics are jobs GDP dominated!



# We need to design better renewable energy policies!



- Max Jobs
- Protect vulnerable



Just Transition Policies

# The ILO Green Jobs Assessment Model (GJAM) provides quantitative projections of policies' impact on social & job outcomes AND economic environmental performance



**Model can assess impact on:**

## **Socio-Economic**

- Direct & indirect jobs (net)
- Skills, Gender, Youth
- Poverty, inequality

## **Economic**

- GDP by sector
- Tax revenues, profits, wages

## **Environment**

- CO2 emission by sector
- Deforestation, waste, energy,





# Global climate policy

# Estimating the social and economic impacts

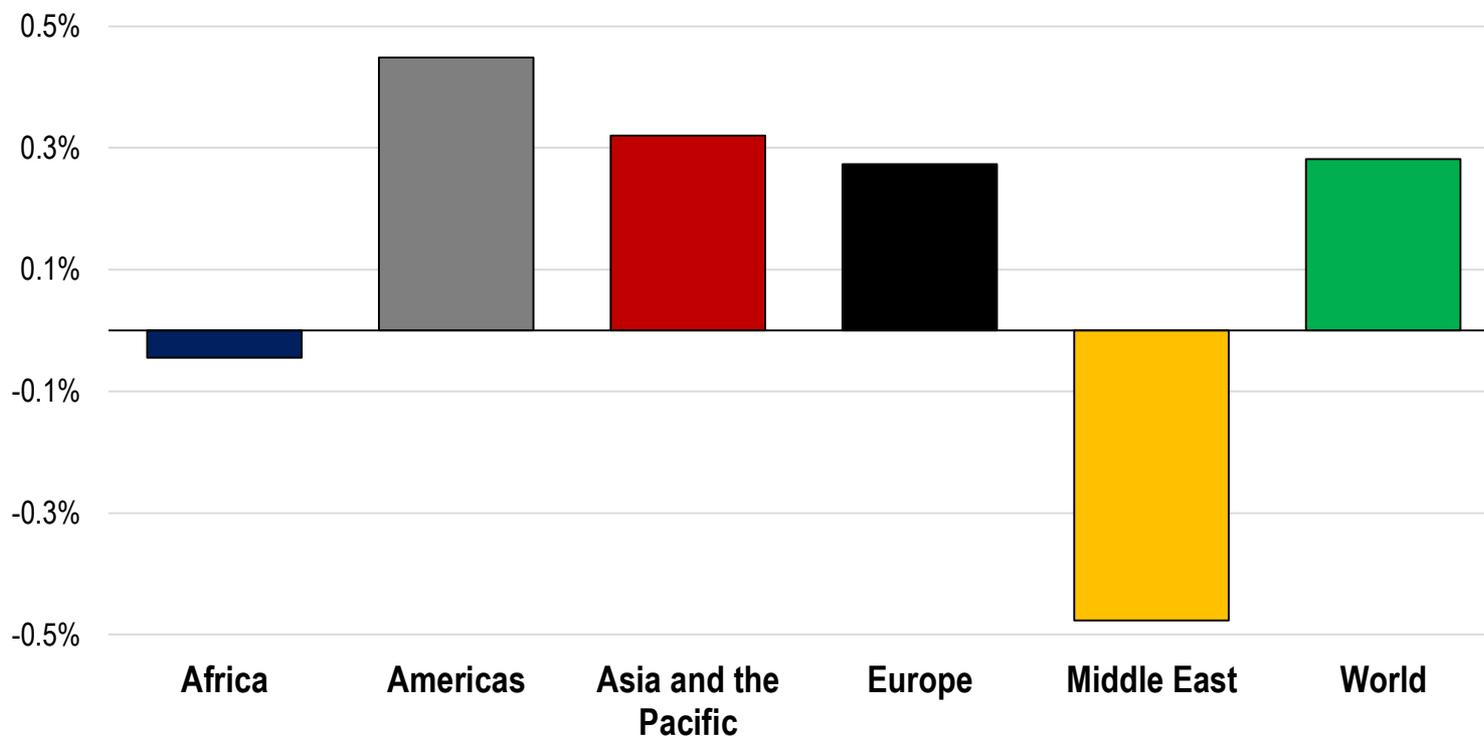
## World Employment and Social Outlook 2018

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# 18 million net Jobs in a global 2 degree scenario 2030



**Employment in 2030 associated with energy sustainability, compared with the business-as-usual scenario**

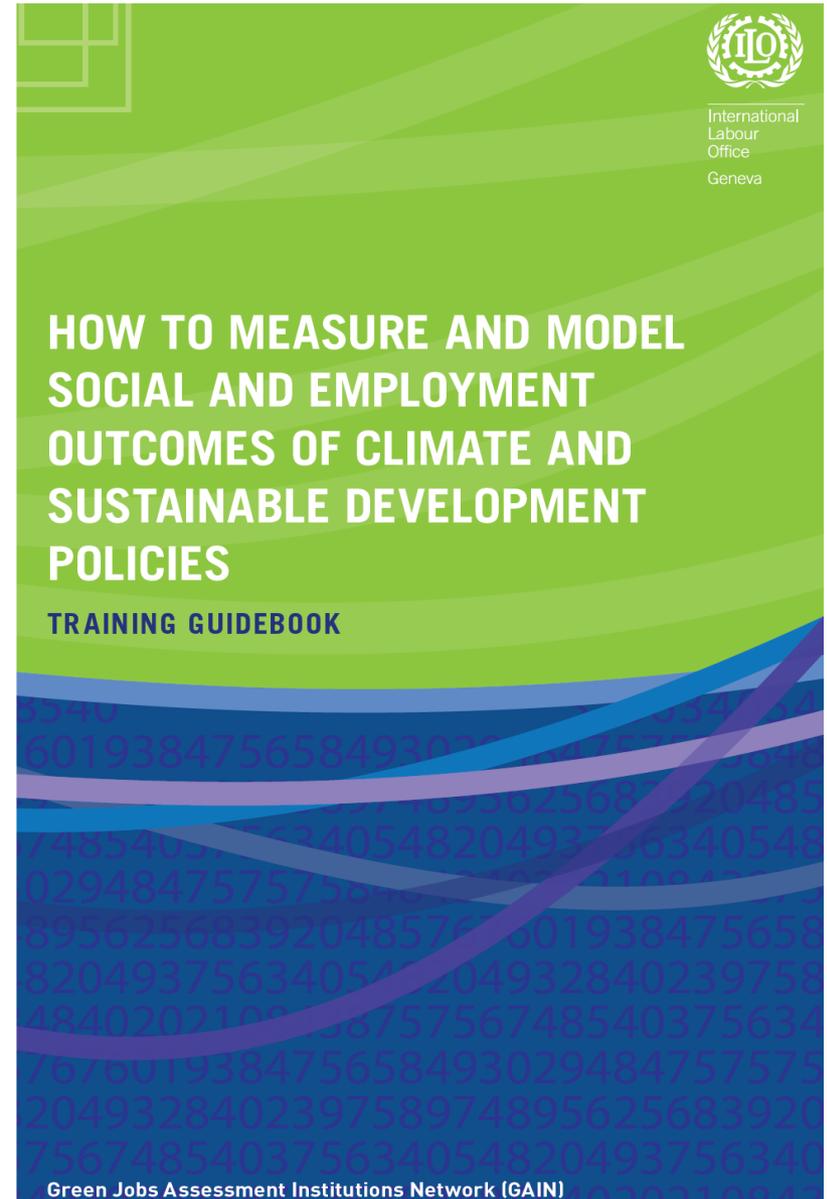


Notes: Percentage difference in employment outcomes between the IEA 2°C and 6°C scenarios by 2030.

Source: ILO calculations based on Exiobase v3.

# Build national model! ILO assistance

- ✓ Open source methodology Training Guide published
- ✓ Based on national data and needs
- ✓ Capacity building of Government & national institutions
- ✓ To build and run your own national model





Thank you