

FAST FACTS



On climate and jobs

1. There already are more jobs in clean energy than in fossil fuels, as growing investment in clean energy technologies – such as solar panels, wind turbines, batteries and electric vehicles – is driving demand for new workers in every region of the world.
2. Jobs in renewable energy reached 16.2 million globally in 2023, up a record 18 per cent from the previous year.
3. Every dollar invested in renewable energy creates three times more jobs than in the fossil fuel industry.
4. Tens of millions of additional jobs will likely be created in the coming decades as investments in clean energy grow and installed capacities expand.
5. The solar photovoltaic industry created some 7.1 million jobs in 2023, up from 3.8 million in 2019. Other large generators of new jobs in renewable energy were biofuels at 2.8 million jobs, hydropower at close to 2.3 million jobs and wind at 1.5 million jobs.
6. Women make up about 40 per cent of the photovoltaic workforce, nearly double the share of the oil and gas industry.
7. A circular economy, based on the principles of reduce, reuse and recycle, could create around 6 million new jobs in recycling and waste management.
8. Heat stress could reduce total working hours worldwide by 2.2 per cent – a productivity loss equivalent to 80 million full-time jobs – and could cut global gross domestic product by \$2.4 trillion in 2030. Every year, excessive heat affects around 2.4 billion workers and causes 22.85 million occupational injuries and 18,970 work-related deaths.