



Women in

**SDG Priority Goal #7** 

## **ENSURE ACCESS TO** AFFORDABLE, RELIABLE, **SUSTAINABLE AND** MODERN ENERGY FOR ALL.

A third of the world's population lacks access to clean energy. Nearly four million people die each year from illnesses caused by household air pollution. Access to electricity is lacking for 759 million people, while 2.6 billion people do not have access to clean cooking solutions.



#### **Ecological catastrophes**

In 2025 Almaty became the most polluted city in the world according to the IQAir



# Gender equality

Empowering women in leadership, employment, and entrepreneurship within the energy sector is key to achieving gender equality and ensuring sustainable energy for all.





The 1995 Beijing Declaration and Platform for Action



The Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW)



Sustainable Development Goal 5 on gender equality

#### **Entrepreneurship**

Women are underrepresented in patents, start-ups, and financing, facing barriers like:

- restricted mobility
- cultural norms
- limited access to credit and financial networks.

#### The enabling environment

Gender-blind policies, lack of data, underrepresentation in decision-making, and minimal investment to address gender gaps, despite significant global energy investments.



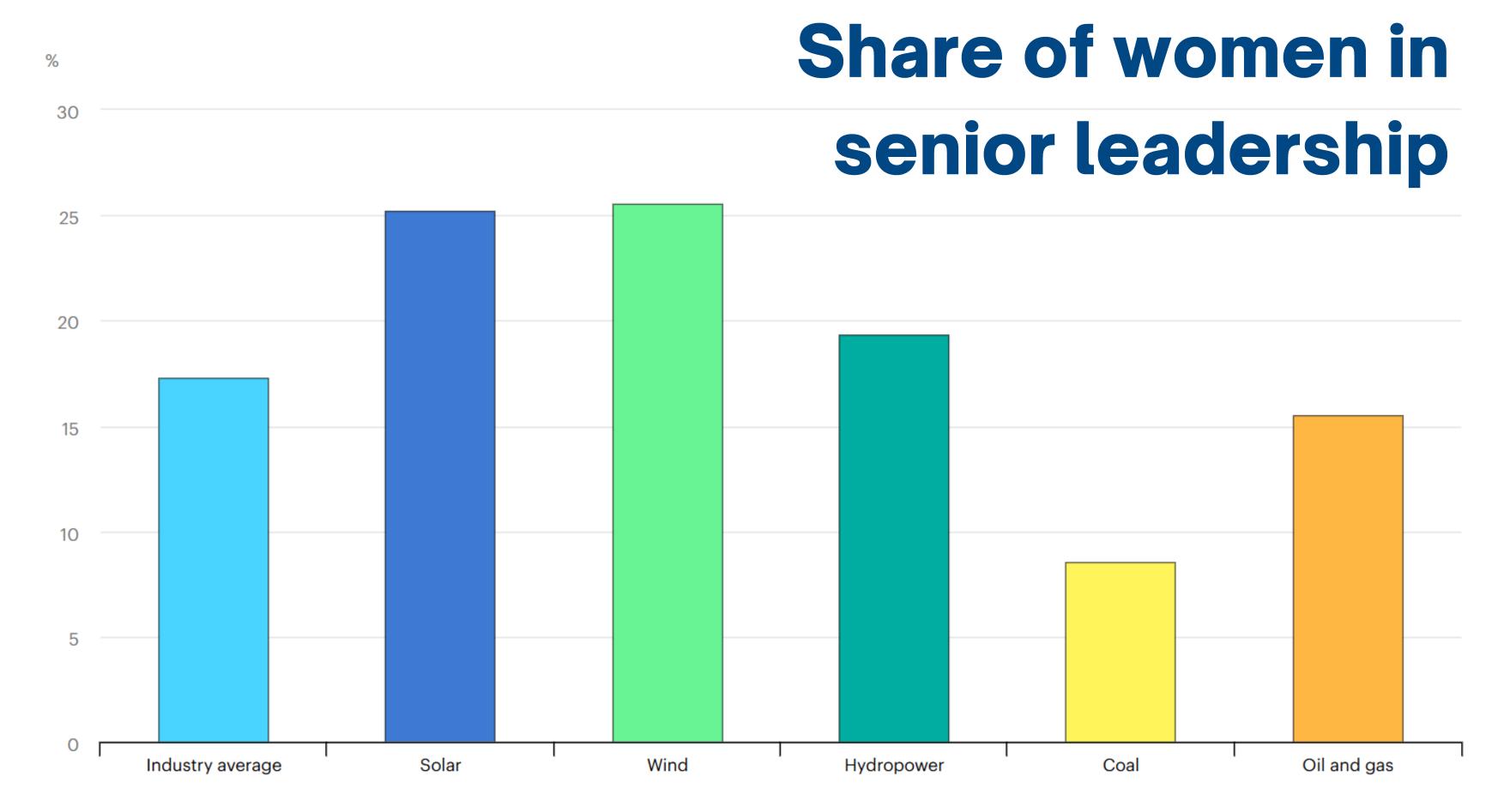
#### **Employment and leadership**

The energy sector is male-dominated, with women making 22% of roles in traditional energy (oil and gas), despite comprising 39% of the global labor force. Women hold 11% of ministerial positions in charge of energy, natural resources, and mining across 190 countries.

#### **Energy poverty**

Unequal energy access limits women's time, opportunities, health, and productivity.





2025, The International Energy Agency (IEA)



Paternity leave

Flex-time

Onsite childcare

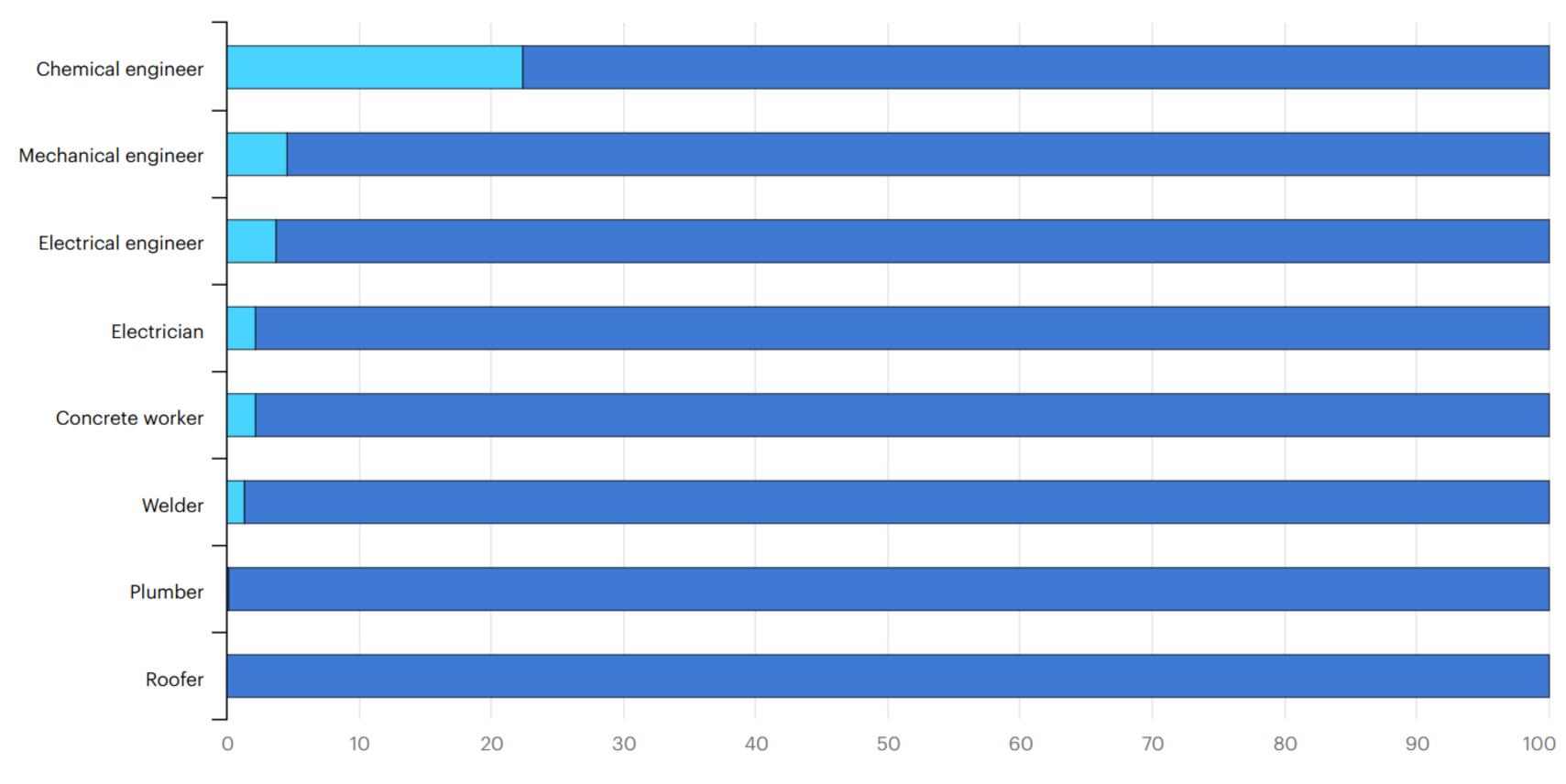
Option to work from home job sharing Gender targets

Training and mentoring

Part-time working



## Women in selected energy-related occupations



2025, The International Energy Agency (IEA)

# Barriers to advancement





# Opportunities to advance gender equality as part of the energy transition



Gender equality in the energy sector fosters innovation and inclusive clean energy solutions.



Women's energy use in work and healthcare boosts economic empowerment and resilience.



The clean energy transition offers opportunities to close gender employment gaps.



Public, private, and NGO partnerships can equip women with skills for clean energy jobs.



Women entrepreneurs can improve energy distribution by connecting with female customers and leveraging social networks.

## Challenges



#### Lack of skills

Need to learn fast and a lot



#### Ageism

Need to prove yourself



#### Sexism

Different treatment and hidden biases

#### Solution



#### Learning

Studying all the time + practice



#### Working hard

Learning to negotiate



#### Implementing policies

Developing corporate culture



#### Never give up

Keep going despite any obstacle









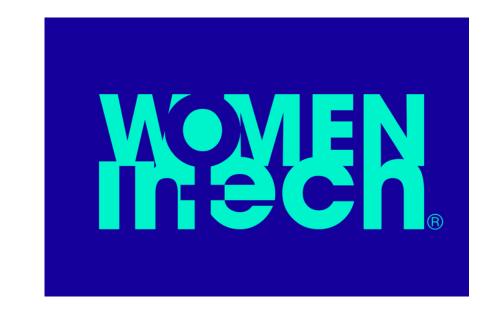
Organization for Security and Co-operation in Europe





United Nations Entity for Gender Equality and the Empowerment of Women











Women in renewable energy...



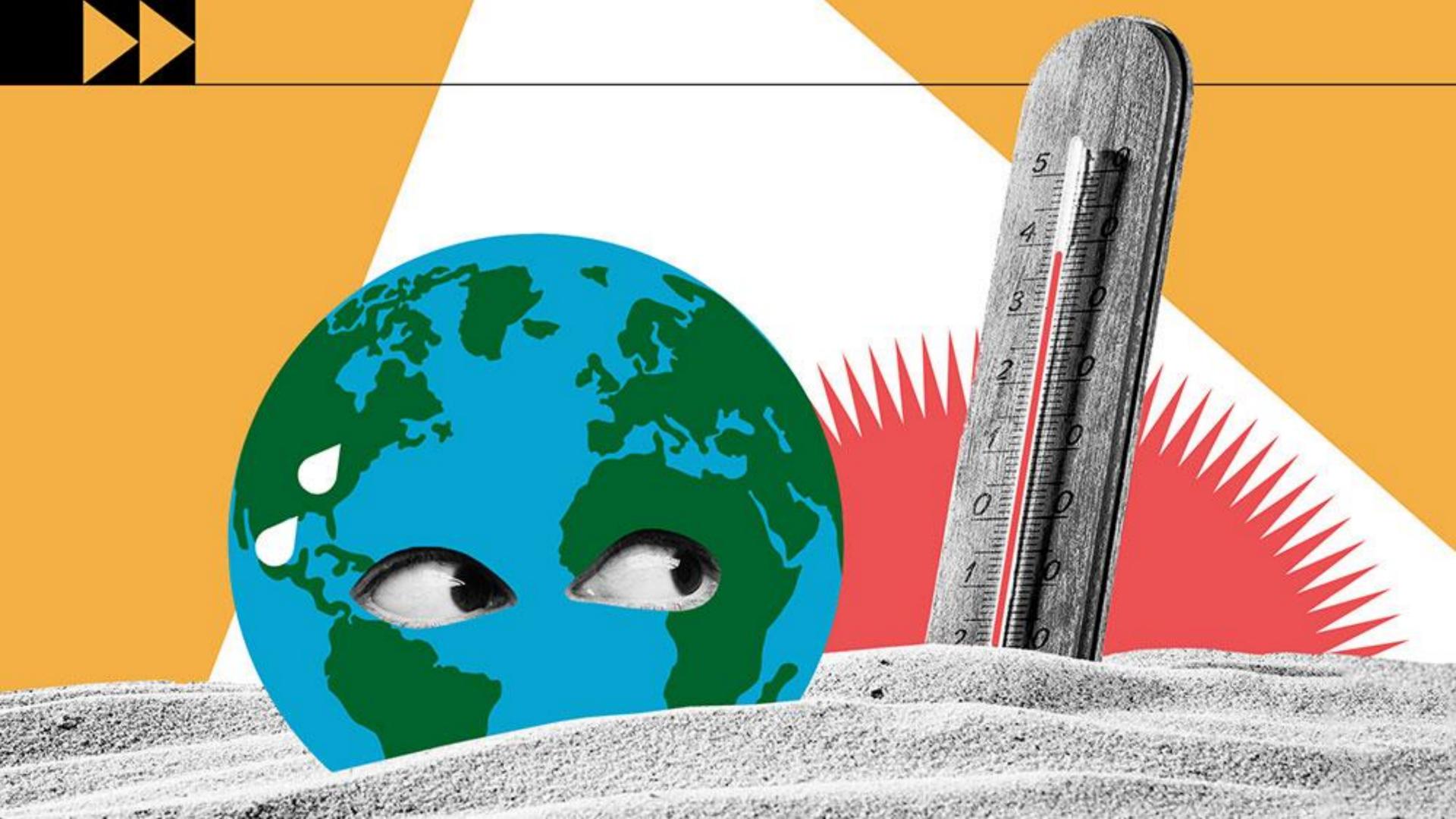
# Business

# Job market & Qualification

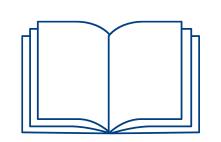
STEM

HR





# References



- 1. <a href="https://www.iea.org/topics/energy-and-gender">https://www.iea.org/topics/energy-and-gender</a>
- 2.https://www.irena.org/-/media/Files/IRENA/Agency/Publication/2022/Sep/IRENA\_Solar\_PV\_Gender\_perspective\_2 022.pdf
- 3.https://www.sciencedirect.com/science/article/pii/S0301421524001836
- 4. <a href="https://www.worldbank.org/en/topic/energy/publication/rise---regulatory-indicators-for-sustainable-energy">https://www.worldbank.org/en/topic/energy/publication/rise---regulatory-indicators-for-sustainable-energy</a>
- 5.https://www.irena.org/publications/2019/Jan/Renewable-Energy-A-Gender-Perspective
- 6.https://www.irena.org/News/articles/2023/Mar/Women-in-Renewables-Can-Be-Agents-of-Change#:~:text=The%20gender%20gap%20is%20driven,company%20policies%2C%20among%20other%20factors.
- 7. <a href="https://www.oecd.org/content/dam/oecd/en/publications/reports/2024/10/harnessing-the-green-and-digital-transitions-for-gender-equality\_c9a0091a/860d0901-en.pdf">https://www.oecd.org/content/dam/oecd/en/publications/reports/2024/10/harnessing-the-green-and-digital-transitions-for-gender-equality\_c9a0091a/860d0901-en.pdf</a>
- 8.https://genderenergycompact.org/
- 9.https://www.un.org/en/conferences/energy2021
- 10.https://www.globalwomennet.org/
- 11.https://www.carecprogram.org/

