

## GFSE Newsletter

Dear Friends of GFSE,

We are pleased to send you our October 2024 edition of the GFSE newsletter, which contains updates and news on green skills and energy poverty in the energy sector.

Enjoy reading!

The Global Forum on Sustainable Energy

### 1. Bridging the Green Skills Gap: Educational Reform for Renewable Energy

The rapid growth of renewable energy highlights a significant skills gap in the green economy, where an outdated education system focused on fossil fuels is failing to prepare workers for sustainable careers. This gap underscores the urgent need for modernised education to meet the demands of the energy transition. The World Economic Forum is calling for an overhaul of curricula to emphasise green technologies, practical experience, and sustainability certification. In addition, fostering partnerships between schools, government and the private sector will ensure a resilient workforce equipped to drive a low-carbon economy and meet future environmental challenges.

For further information, please visit: [Green skills: we need educational reform in renewable energy | World Economic Forum](#)

### 2. Renewable hydrogen and ammonia in North Africa

This policy brief presents an overview of current developments in the renewable ammonia and methanol sectors at the global level as well the renewable hydrogen sector in North Africa. It describes ongoing cooperation agreements between the European Union and North African countries, hydrogen strategies, the current status of renewable electricity generation and projects under development. It also presents needs for green skills in the renewable hydrogen sector.

The policy brief can be downloaded here: [Renewable hydrogen and ammonia in North Africa](#)

### 3. Renewable Energy Jobs Reach Record 16.2 Million

The latest report from the International Labor Organization (ILO) and the International Renewable Energy Agency (IRENA) shows that renewable energy jobs hit a record 16.2 million in 2023, reflecting the fastest growth rate ever recorded. The solar and biofuels industries are driving much of this increase, with China accounting for nearly half of global renewable energy employment, while the EU, Brazil, the U.S., and India also show large employment numbers. However, many regions, particularly in Africa, remain under-invested, underscoring the need for inclusive, equitable policy reforms to diversify global employment in the sector.

For further information, please visit: <https://www.ilo.org/resource/news/jobs-renewable-energy-record-highest-annual-growth-rate-reaching-162>

#### **4. Empowering Young Entrepreneurs in Renewable Energy: IRENA's NewGen Accelerator**

IRENA's NewGen Renewable Energy Accelerator is designed to empower young innovators, ages 18-35, who are driven to advance renewable energy and climate technologies. This initiative provides participants with in-depth training, mentorship, and unique access to funding opportunities, fostering youth-led ventures in sustainable energy. Beyond workshops and practical learning, NewGen also connects participants with potential investors, policy experts, and an international network, creating pathways for young entrepreneurs to lead and scale impactful projects in the energy transition.

For further information, please visit [NewGen Accelerator](#)

#### **5. Renewable Energy Skills Partnership position paper on skills**

At the 79<sup>th</sup> UN General Assembly, Sustainable Energy for All (SEforALL) showcased effective solutions for reducing energy poverty and promoting clean energy, especially in disadvantaged regions. Highlighting successful Energy Compacts and partnerships focused on fair access to critical minerals, SEforALL also presented new findings to accelerate progress towards Sustainable Development Goal 7 (SDG7). By supporting access to renewable energy and promoting fair carbon markets, SEforALL aims to mobilise significant investment and collaboration to advance just and sustainable energy development worldwide.

Please find the position paper here: [SEforALL spotlights proven solutions to end energy poverty and accelerate a clean energy transition at UNGA79 | Sustainable Energy for All](#)

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We hope you enjoyed reading our news updates and look forward to staying in touch with you within the GFSE community. We highly welcome reactions and suggestions!

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The Global Forum on Sustainable Energy is a neutral multi-stakeholder platform facilitating international dialogue on energy for sustainable development by considering the special interests and challenges of developing countries. GFSE aims to establish a sustainable world energy system from a social, economic, and environmental perspective.

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