



GFSE
GLOBAL FORUM on
SUSTAINABLE ENERGY

GFSE Newsletter

Dear Friends of GFSE,

We are pleased to send you our September edition of the GFSE newsletter, containing important news and events from stakeholders working towards youth engagement in the clean energy transition.

Enjoy reading!
The Global Forum on Sustainable Energy

Student Energy

Student Energy is a global non-profit youth-led organization that is creating a movement of young leaders committed to transitioning the world to a sustainable energy future. It focuses on empowerment, coaching and capacity building.

Among other projects, student energy is preparing the Global Youth Energy Outlook (GYEO), a youth-led research project that engages over 30,000 young people aged 18 to 30 and share their perspectives on the energy transition. The final report will be launched at the global climate conference COP 26 in Glasgow in November 2021.

In June 2021 Student Energy announced one of the first youth-led UN Energy Compacts: the [Student Energy Solutions Movement](#). The Student Energy Solutions Movement is a global youth-led effort to directly fund and support the launch of 10,000 youth-led sustainable energy projects by 2030. The solutions movement aims at raising direct-to-youth funds for these projects. Student Energy collaborates with governments, companies, and organizations to facilitate meaningful youth engagement and mobilize resources to support youth-led energy solutions, so-called student energy ventures. The Government of Denmark and [New Energy Nexus](#) have become the first partners of the Student Energy Solutions Movement.

More information can be found [here](#):

World Economic Forum Davos Lab Youth Recovery Plan

The World Economic Forum has published a Youth Recovery Plan based on a survey among approx. 19,000 youngsters in 187 countries and local dialogues. Through these dialogues and the survey, young people shared their views, ideas and concerns. The report summarizes the results as a set of insights and recommendations for decision-makers.

The survey identified the need to improve youth skills, digital access, make the political and governance systems more inclusive, accountable and transparent and accelerate sustainable energy deployment, among others.

Young people advocate a more effective form of activism to guide action towards a more inclusive future. Effective activism should include intergenerational dialogue, make spaces for communities most affected by inequities and injustice and focus on local action, among others.

In the report, 40 calls to action to transform society, government and business are presented, including:

- Incentives to sustainable consumption
- Increase in global internet connectivity
- Investment in communities at risk from climate change
- Equitable access to health care
- Integration of technology ethics into the design of products and services

Young people are also calling on donors to direct a larger amount of investments to programmes that help the youth participate in government and become policy-makers.

The Youth Recovery Plan insight report 2021 can be downloaded here

Online Executive Training Young Women Leadership on Climate Adaptation

The Online Executive Training – Young Women Leadership on Climate Adaptation is a virtual educational and capacity-building program targeted to young African women leaders, initially in the Democratic Republic of Congo, Egypt, Ghana, Kenya, Nigeria, and Zimbabwe. The training helps African women build knowledge on climate change adaptation, enhancing leadership skills, and connecting professional networks. It also helps them build capacity for the integration of a gender-lens to climate adaptation strategies that facilitates more inclusive and comprehensive adaptation efforts.

The Executive Training is implemented in the context of the Africa Adaptation Acceleration Program (AAAP), developed and implemented by the [Global Center on Adaptation](#) and the [African Development Bank](#). It is organised by the [Ban Ki-moon Centre for Global Citizens](#), [CARE Climate & Resilience Academy](#) and the [Diplomatische Akademie Wien – Vienna School of International Studies](#) and supported by the [Global Center on Adaptation](#) and the [Norwegian Agency for Development Cooperation](#).

The part-time training program will have a duration of 20-weeks between October 2021 to March 2022

Applications can be submitted here



ISEC 2022 – 2nd International Sustainable Energy Conference

The AEE – Institute for Sustainable Technologies ([AEE INTEC](#)), the United Nations Industrial Development Organisation ([UNIDO](#)) and the European Technology and Innovation Platform on Renewable Heating & Cooling ([RHC-ETIP](#)) are co-organising the **2nd International Sustainable Energy Conference – ISEC 2022 “Renewable Heating and Cooling in Integrated Urban and Industrial Energy Systems”** from 5 to 7 April 2022 in Graz, Austria.

To implement the Paris Climate Agreement an almost complete phasing out of fossil energy supply by 2050 is required. This presents enormous challenges for the society, but also offers opportunities for research and industry to pave the way for a sustainable global energy system. The ISEC 2022 will focus on solutions for the heating and cooling sector in urban and industrial contexts. In the climate change debate there is mutual agreement that this area needs more attention.

The ISEC 2022 sees itself as a promoter of innovative ideas and a forum of exchange between research, industry and policy. It also facilitates dialogue and knowledge transfer between industrialised and developing countries.

The co-organisers have launched a call for papers, which will be open by 24 October 2021. Innovators from industrialised and developing countries are encouraged to submit their paper in line with the established conference topics:

TECHNOLOGIES AND SYSTEMS FOR BUILDINGS, INDUSTRY, DISTRICTS AND CITIES

- Renewable Heating and Cooling
- Emerging Heat and Cold Storages
- Solutions for Energy Efficiency
- Sustainable Renovation
- Energy and Resource Recovery from Low-grade Sources
- Process Intensification
- Coupling of Energy Sectors
- Flexibility and Stability of Thermal and Electric Grids
- Future District Heating and Cooling Technologies
- Replacement of

big fossil Power Plants by Renewables – Impact on District Heating

SUPPORT SCHEMES FOR IMPLEMENTATION

• Policies for Renewable Heating and Cooling • Spatial Energy Planning with Focus on Renewable Energies • IT Technologies and Artificial Intelligence for Management of Future Energy Systems • Life Cycle Assessment for Renewable Energy Systems • Finance and Business Models driving Renewable Heating and Cooling • Smart Services and System Operation

All listed topics with a special focus on developing countries

Successful applicants will be invited to present the paper in the conference.

[Further information is available here](#)

Youth Sustainable Energy Hub progress report

The [Youth Sustainable Energy Hub](#) (YSEH) is the first global platform showcasing the work of young practitioners in the sustainable energy sector. It is a flagship project developed by [SDG7 Youth Constituency](#) in partnership with the International Renewable Energy Agency ([IRENA](#)), Sustainable Energy for All ([SEforALL](#)), United Nations Industrial Development Organization ([UNIDO](#)) and the United Nations Children’s Fund ([UNICEF](#)) as strategic partners, the Regional Center for Renewable Energy and Energy Efficiency ([RCREEE](#)) as regional partner and [IEEE Power and Energy Society](#), [LEDS Global Partnership](#), [REN21](#) and [SDSN youth](#) as network partners.

The hub has published its first progress report in June 2021. The YSEH Progress Report highlights how youth projects contribute to promoting sustainable energy and other aspects of sustainable development within their communities, countries, and regions.

Among others, YSEH projects work on improving education access for children, youth and other vulnerable communities through electrification of schools. Several projects also educate youth and other community members (especially women and children) on subjects such as climate change, biodiversity, clean energy technologies and behavioral change to reduce energy consumption.

[The progress report can be downloaded here](#)

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