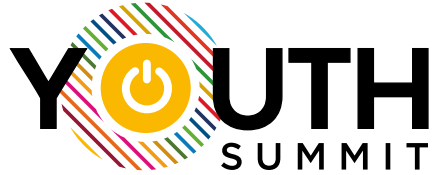


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9-11 FEBRUARY 2021



7 HIGHLIGHTS AND OUTCOMES FROM THE SEforALL VIRTUAL YOUTH SUMMIT



#YouthLeadSDG7

ACKNOWLEDGEMENT

This report was written by the Sustainable Energy for All (SEforALL) Youth Summit Planning Taskforce, including Ugo Nwadiani, Maame Boateng, Meriam Otarra, Eduarda Zoghbi, Anant Wadhwa, in partnership with Ore Ogunbiyi, Folahan Oworu, Hannah Chi and Jessica Borbee from the Clean Cooking Alliance, and Karine Makhijani Malagon and Victoria Ibrahim from EM-ONE Energy Solutions.

The Taskforce would also like to thank all attendees, speakers and the SEforALL staff. We would also like to thank Nelufar Hedayat for being our Master of Ceremony for the three-day Summit and the following organizations for their technical support during the event: Student Energy and the UN Major Group for Children and Youth SDG7 Youth Constituency.

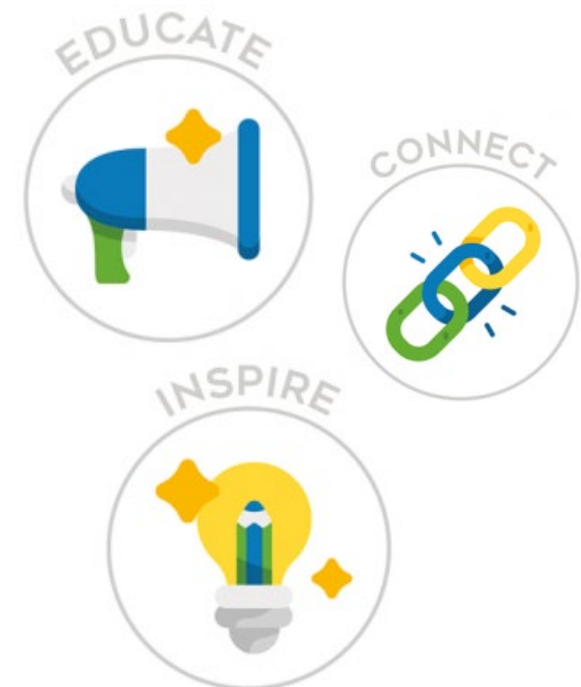
We are grateful to the Clean Cooking Alliance and EM-ONE Energy Solutions for their financial support of this event. We also acknowledge the funding provided by the Austrian Development Agency, the Ministry of Foreign Affairs of Denmark, the IKEA Foundation and the Ministry for Foreign Affairs of Iceland to support the delivery of the SEforALL work programme. For a full list of SEforALL supporters, please visit our website at www.SEforALL.org.

INTRODUCTION

With less than 10 years for the 17 Sustainable Development Goals (SDGs) to be achieved, action is needed now. 2021 is a critical year for the energy and climate agenda. The [SEforALL Youth Summit](#), sponsored by [EM-ONE Energy Solutions](#) and the [Clean Cooking Alliance \(CCA\)](#), was held from 9-11 February to bring youth to the table ahead of critical upcoming global dialogues – such as the UN High-Level Dialogue on Energy and UN Climate Change Conference (COP26) – and inspire active participation in the achievement of Sustainable Development Goal 7 (SDG7) by 2030 and the Paris Agreement by 2050.

EDUCATE, CONNECT, INSPIRE

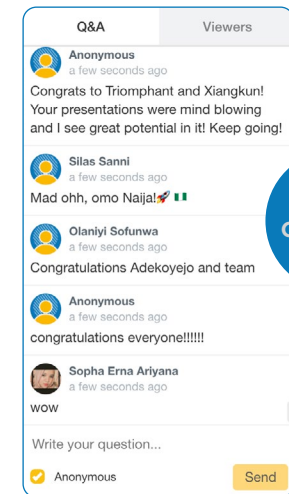
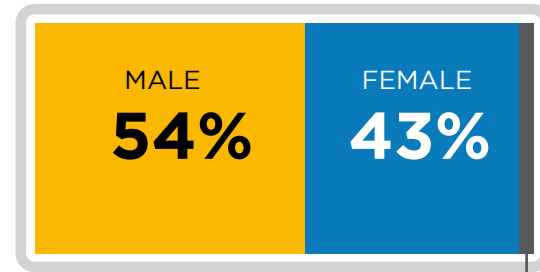
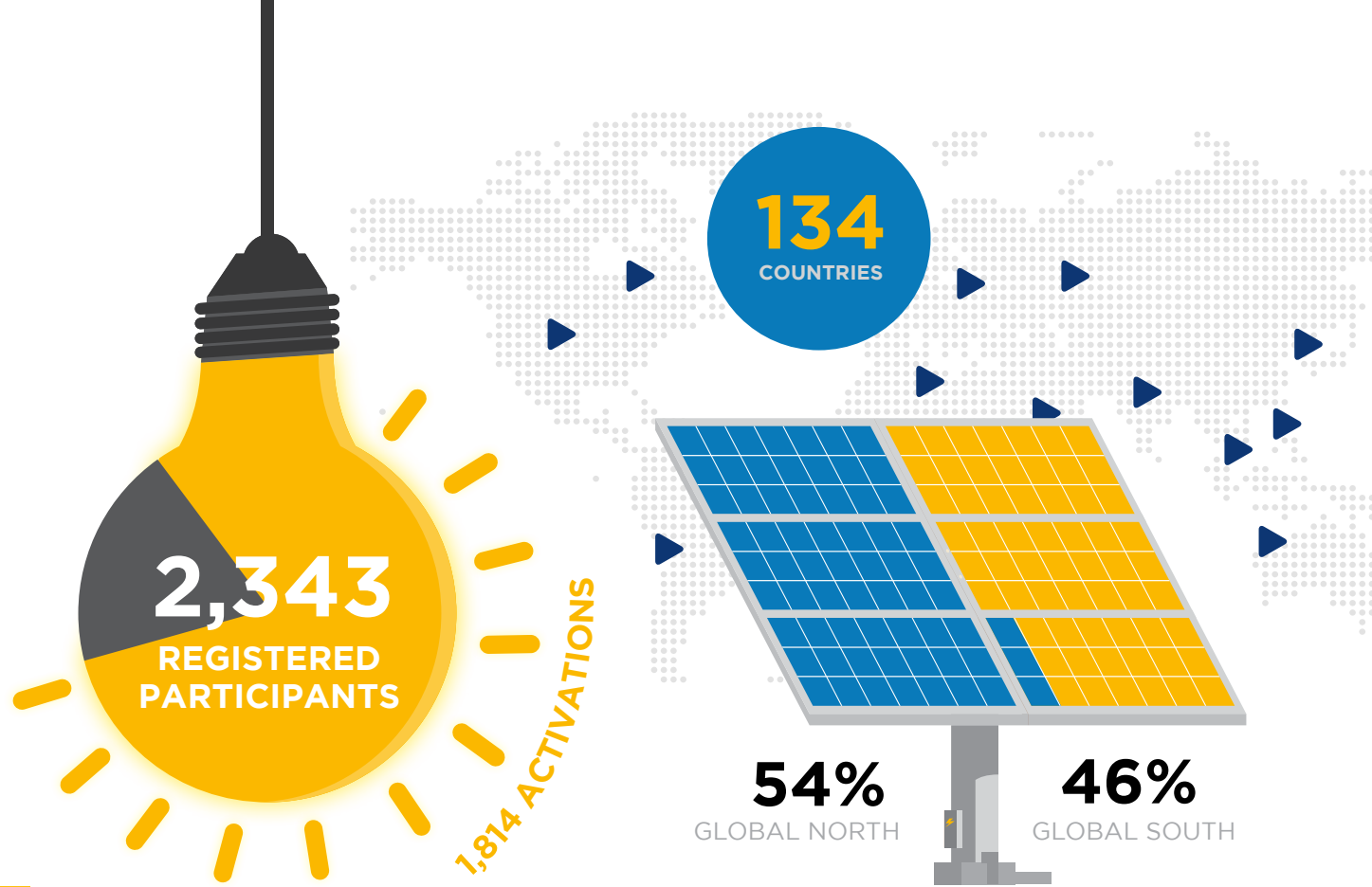
The core objectives of the SEforALL Youth Summit were to educate youth on the scope and importance of SDG7 for global development; connect youth across the globe to networks, academic and career opportunities in the energy sector; and inspire youth to actively participate in achieving SDG7 during the Decade of Action. These objectives translated into agenda items (more details in the next chapter) that were hosted live by Master of Ceremony, Nelufar Hedayat, on a digital platform across three days from 9-11 February 2021. The platform remains accessible via this [link](#) until the end of 2021, with recordings of the live Summit sessions and resources from participating organizations/institutions available on demand.



1

Summit achieves true global reach

The SEforALL Youth Summit achieved true global status with 2,343 registered participants from 134 countries and near equal representation across the global north (54%) and south (46%). There was also balanced gender representation across male (54%), female (43%) and non-binary (0.4%), with ~2% choosing not to disclose. Of all 2,343 registered participants, 1,814 logged on to the Summit platform at least once, with 991 different participants viewing the main live events.



The Summit platform can be accessed by all registered participants until the end of 2021. Visit [here](#).



#YouthLeadSDG7

27,202,201
POTENTIAL IMPACTS**

7,585,788
POTENTIAL REACH**

COP26 @COP26

Today the #SEforALL Youth Summit begins! 🌱

Organised by youth and for youth, the 3 day Summit aims to empower young 🌍 leaders to support a just and inclusive energy transition in line with the #ParisAgreement.

Register:
bit.ly/2LAiKrQ

#COP26 | @SEforAllOrg

12:06 PM · Feb 9, 2021 · Twitter Media Studio

78 Retweets 2 Quote Tweets 165 Likes

- @WorldBank
World Bank
- @UNGeneva
UN Geneva
- @UN4Youth
UN Youth
- @vanessa_vash
Vanessa Nak...
- @UN_PGA
UN GA Presi...
- @UNYouthEnvoy
UN Youth En...
- @UNDESA
UN DESA
- @foundr
Foundr Mag...
- @Revkin
Andrew Rev...
- @IRENA
IRENA

*Based on tweets posted between 10 December 2020 to 28 February 2021

**The impact has to do with how many times the hashtag could have been seen by Twitter users. The reach refers to how many Twitter users could have seen the hashtag.

REUTERS

World Business Markets Breakings Video More

BIG STORY | FEBRUARY 9, 2021 2:10 PM / UPDATED 22 DAYS AGO

Move into government, U.N. official urges young climate activists

By Laurie Goering

(Thomson Reuters Foundation) - A generation of young activists eager to set the agenda on global warming and clean energy should seek government jobs as a way to get lagging climate goals back on track, a top U.N. energy official said on Tuesday.

"We can't keep doing things from outside," Damilola Ogunbiyi, co-chair of U.N. Energy and chief executive of Sustainable Energy for All (SEforAll), told an online youth summit on achieving universal clean energy access.

With the world falling behind on goals to bring clean, affordable energy to billions more people by 2030, "changing the minds of leaders has to happen inside and outside government", said Ogunbiyi, a former Nigerian rural electrification director.

Amina J. Mohammed, U.N. deputy secretary-general, said nearly 790 million people around the world still lack access to any source of electricity, and 2.8 billion continue to risk their health by cooking with dirty fuels.

Reuters

ASEAN Centre for Energy

Home / News & Events / Sustainable Energy for All (SEforAll) Youth Summit 2021

Sustainable Energy for All (SEforALL) Youth Summit 2021

Description

Participants will have the chance to explore academic and professional career options in the energy sector during the three-day Summit. Two virtual fairs running for the first time will showcase opportunities from leading universities and employers across the globe. Sustainable energy-related organisations from the public and private sectors will facilitate networking opportunities around the types of roles they have to meet the growing demand for clean energy professionals. The Summit will also feature a panel discussion on the importance of leadership in the energy sector, moderated by a former ASEAN Secretary-General. The Summit will also feature a panel discussion on the importance of leadership in the energy sector, moderated by a former ASEAN Secretary-General.

ASEAN Energy

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About Education Research

SEforALL Youth Summit 2021

← BACK TO ALL EVENTS

Sustainable Development Goal 7 (SDG7) calls for affordable, reliable, sustainable and modern energy for all by 2030. Yet we are nowhere close to being on track to achieving it. With only a decade left to provide universal electricity and clean cooking access, dramatically improve global energy efficiency and increase the share of renewables in the energy mix, we need immediate action to be taken by a wide range of energy stakeholders.

SEforAll will host the first ever SEforAll Youth Summit, to be held 9-11 February 2021. This virtual summit aims to:

- Highlight the importance of SDG7 for global development
- Provide a platform for young people to share their views on energy and climate change
- Provide a platform for young people to share their views on energy and climate change
- Provide a platform for young people to share their views on energy and climate change

Learn more and register

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SEforALL Youth Summit announces Be Bold campaign and awards winner

Feb 10, 2021

With their future at stake, young leaders from around the world issued a clear call to action.

ESI Africa

UN Web TV

The United Nations Live & On Demand

LIVE NOW MEETINGS & EVENTS MEDIA NEWS & FEATURES TOPICS & ISSUES

Volkan Bozkır (General Assembly President) at the SEforALL Youth Summit

11 Feb 2021 - SEforALL Youth Summit 2021 Fireside Chat between H.E. Mr. Volkan Bozkır, President of the 76th Session of the General Assembly and Ms. Anurupa Bahanda, Youth Energy Leader.

UN Web TV

Welcome to the United Nations

United Nations Secretary-General

HOME ABOUT VISION THE TEAM DAILY AGENDA STATE

09 February 2021

Deputy Secretary-General's video message for Sustainable Energy for All Youth Summit

Hello everyone,

I am pleased to join this first ever Sustainable Energy for All Youth Summit.

Let me commend SEforAll for recognizing the need to spearhead a call-to-action campaign in this critical year for climate.

A key priority of the United Nations this year is to build a global coalition for carbon neutrality by the middle of the century. Young people will have a critical role to play.

We have all been inspired by the transformational leadership of youth – coming together in solidarity and compassion to demand intergenerational justice and bold action on the climate emergency.

Current data shows that we are not on track to achieve SDG7, which calls for affordable, reliable, sustainable and modern energy for all. To meet the climate challenge, we know that we need urgently to transition from fossil fuels to renewable energy.

We also know that we need to support developing countries in the transition. Some 780 million people worldwide still lack electricity and 2.8 billion people lack access to clean cooking solutions putting millions of children at risk of hunger and disease.

The COVID-19 pandemic highlights all too well why it is essential we deliver on SDG7.

In 11 sub-Saharan countries alone, approximately one-quarter of health facilities lack access to electricity increasing the risk of maternal and child mortality.

A new SEforAll report that tracks finance for electricity and clean cooking shows that most governments continue to build a polluting economy.

UN

2

High-level and youth leaders engage in forward thinking dialogues

The Summit featured an array of youth and high-level speakers exchanging perspectives on critical paths forward.

Opening remarks on day one were provided by UN Deputy Secretary-General H.E. Amina J. Mohammed, who called on youth to “actively shape the milestone UN events in 2021 to help us achieve the future we want.” The Energy Dialogue featured exchanges between Damilola Ogunbiyi, the CEO and Special Representative to the UN Secretary-General for Sustainable Energy for All, and youth speakers on recovering better with sustainable energy and achieving net-zero by 2050. The youth speakers included Forbes 30 Under 30 Renewable Energy Activist, Ana Sophia Mifsud, Climate Activist and UN Sustainable Development Goal (SDG) Young Leader, Vanessa Nakate, and Columbia University MPA Student, Wenhao Sun, with Time Magazine senior correspondent Justin Worland moderating the discussion.

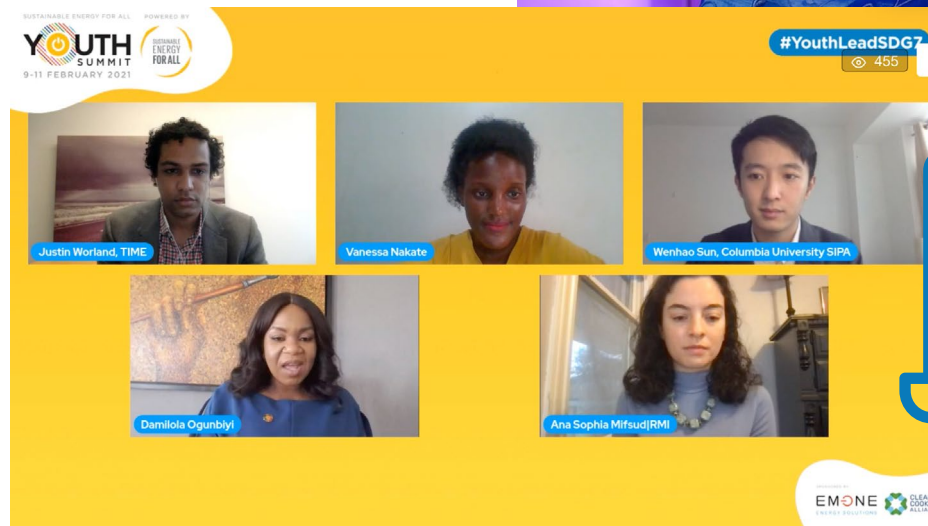
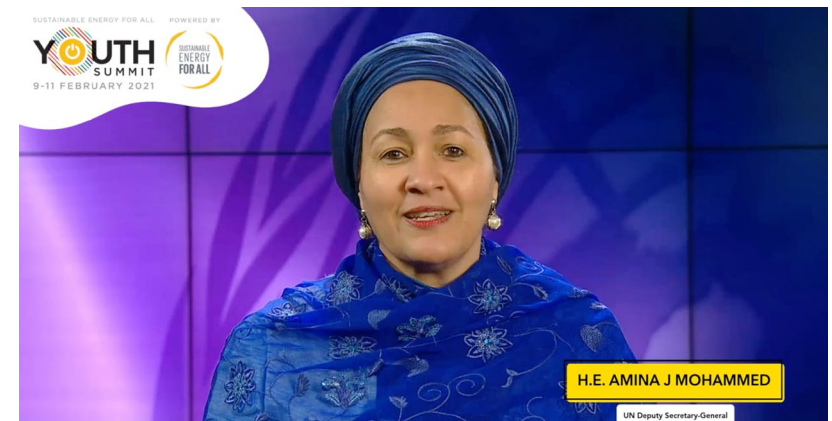
During the Energy Dialogue, the audience participated in a live interactive poll, with participants calling on SEforALL to enable youth to access policy discussions and provide toolkits to empower youth with knowledge and skills.

“Young people will have a critical role to play. We have all been inspired by the leadership of youth, coming together in solidarity and compassion to demand intergenerational justice and bolder action on the climate emergency.”

UN Deputy Secretary-General
H.E. Amina J. Mohammed

“We need a coalition of young people to come together and demand solutions for the energy transition. And energy access has to be part of the energy transition.”

Damilola Ogunbiyi, CEO and Special Representative to the UN Secretary-General for Sustainable Energy for All



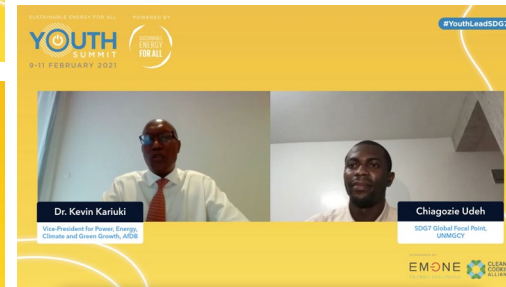
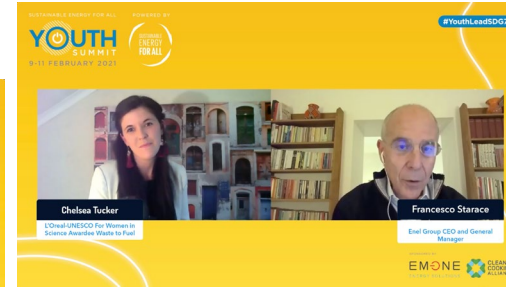
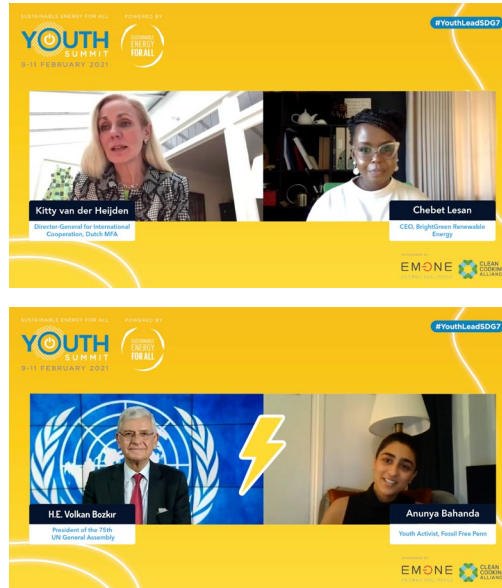
Watch again: [Setting the Scene for SDG7 at the SEforALL Youth Summit](#)

The Summit also featured four 7-minute fireside chats between pairs of high-level and youth speakers, including H.E. Volkan Bozkir, President of the 75th UN General Assembly, and Anunya Bahanda, Youth Activist from Fossil Free Penn; Francesco Starace, Enel Group CEO and General Manager and SEforALL Administrative Board Chair, and Dr. Chelsea Tucker, L'Oréal-UNESCO For Women in Science Awardee Waste to Fuel; Kitty van der Heijden, Director-General of the International Cooperation at Ministry of Foreign Affairs, Netherlands, and Chebet Lesan, Founder of BrightGreen Renewable Energy and Winner of Africa's Business Heroes Award 2020; Dr. Kevin Kariuki, Vice President for Power, Energy, Climate and Green Growth, The African Development Bank Group, and Chiagozie Udeh, SDG7 Youth Constituency Global Focal Point.

The Summit agenda also featured remarks from EM-ONE Energy Solutions CEO, Mir Islam, and an interview with CCA CEO Dymphna van der Lans by Deirdre de Leeuw den Bouter and Leah Carrier, youth advocates from Woodrow Wilson High School in Washington, D.C.

As industry veterans and experts [in the sustainable energy sector], it is our role to share our knowledge and amplify the voice of these inspiring youth in the energy transition by making room and giving them a seat at the table.

Mir Islam, EM-ONE Energy Solutions CEO



Big as the challenge is, I see the silver lining: massive opportunities for innovation, new jobs, for young people. 14M jobs are going to be created in this #energytransition. This is where the future is and this is where the future should be.

Kitty van der Heijden, Director-General of the International Cooperation at Ministry of Foreign Affairs, Netherlands



3

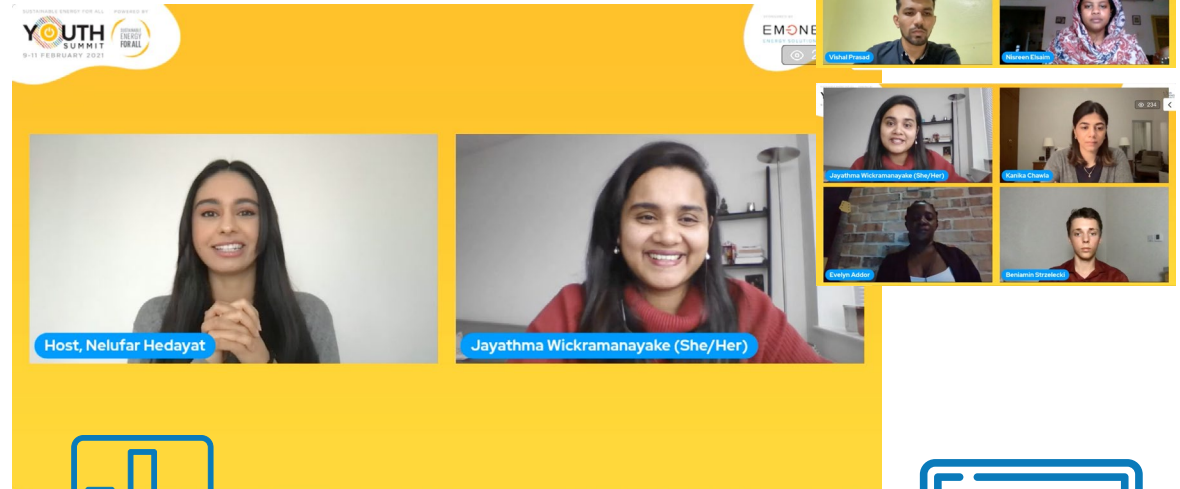
Youth outline path for participation in the UN High-Level Dialogue on Energy in September and Climate Change Conference (COP26) in November

Participation, representation, action. These were the final recommendations of the youth leaders who participated at the SDG7 Youth Roundtable chaired by the Secretary-General's Envoy on Youth, Jayathma Wickramanayake. The session featured young climate and energy activists discussing the role of youth in the build up to the [UN High-Level Dialogue on Energy \(HLDE\)](#), [COP26](#) and beyond. Youth Speakers included Nisreen Elsaïm, Chair of the UN's Youth Advisory Group, Evelyn Addor, Focal Point for Energy Access for the Strategic Youth Network for Development, Benjamin Strzelecki, Global Focal Point for the SDG7 Youth Constituency, and Vishal Prasad, a campaigner from Fiji from the Pacific Islands Students Fighting Climate Change group.

Both conversations were preceded by presentations from programme leads Kanika Chawla for the HLDE and Anum Ahmed for the COP26 Youth Engagement team.

On the HLDE, the youth speakers called for youth to be directly engaged in the Dialogue via two-way communication and to be solicited to provide input in all documentation. Accessibility and inclusion were also stressed, with the request that any engagement avenues for youth be designed to be accessible to all youth, regardless of their location, socio-economic background and physical ability. The audience also participated in a live poll, with the majority calling for Youth Delegates to be made part of each country's delegation to the HLDE.

On COP26, we asked youth, "What role can young people play in advancing the global transition to clean power?" to which the poll results showed that youth should educate themselves and others about the socio-economic benefits of a clean energy transition.



How would you like youth to be involved in the UN High-Level Dialogue on Energy?

More youth participation in the preparatory processes

27.27%

Youth on main stage at event

9.09%

Youth delegate made part of each delegation to the HLDE

60.61%

Separate youth event on side-lines at the HLDE

3.03%



To find out more about the UN High-Level Dialogue on Energy, [visit their website](#).

4

Troubleshooting for SDG7 finalists go head-to-head, winner announced

SEforALL launched a call for proposals in December 2020 ahead of the Summit, asking youth globally to submit proposals on interventions that contributed to any of the three pillars of SDG7 (access, transition, efficiency), with special consideration for those impacting cold chains for potential vaccine distribution.

A total of 133 proposals were received from 42 countries and were reviewed by a 15-member taskforce to score proposals and shortlist **three finalists** for the live event. The review taskforce included representatives from SEforALL, EM-ONE Energy, CCA, SDG7 Youth Constituency and Student Energy.

The three shortlisted finalists with the highest scores (and their SDG7 interventions) included:

- **Adekoyejo Kuye, Uzochukwu Mbamalu, Charles Aliozo and Chigozie Enemoh (team submission) from Nigeria** (Solar powered cold storage using one compressor for multiple applications (Precooling, cold storage and charging a cold thermal storage)

and providing refrigeration as a service. Target is small holder farmers for food cool chains, with possibility to extend to vaccine cold chains)

- **Xiangkun (Elvis) Cao from China** (Building C2X – which utilizes solar energy to convert CO2 emissions into useful products such as ethanol, which is a renewable fuel and can be used for producing hand sanitizer)
- **Triumphant Tchulang from Cameroon** (Solar refrigerator that integrates both photovoltaic and thermal energy, allowing it to operate 24 hours a day without the use of batteries for storage, at the desired temperature of food, pharmaceuticals, and especially sensitive vaccines).

The Nigerian team emerged as winners following a second round of reviews by judges at the live event, winning the USD 2,500 cash prize. All three finalists will be profiled in SEforALL communications and activities and be engaged in the High-Level Dialogue on Energy process to bring youth innovation to the table.

Description of the Coldbox Store
There are three customizations of the coldbox for different applications in the Cold chain.

Coldbox; Chiller [2.4m x 2.4m x 2.4m]
Stores fruits and vegetables in crates as it has an adjustable temperature range of 0-18°C. Can store up to 1500kg.

Coldbox; Blast freezer [2.4m x 2.4m x 2.4m]
Stores meat, fish and chicken with temperature range up to -25 degrees.

Coldbox; Hybrid [6.1 m x 2.4m x 2.6m]
Chiller and a blast freezer in one box. Goldbox is mounted on trucks for mobility. There is also the option of having solar PV on top of the box for longer distance transportation or using the truck as a mobile grocery store.

Interior design of the coldbox chiller

ColdBox Hybrid; 3D design

WINNER

“ If youth don’t care and act to bring about SDG7, we will be the ones to bear the negative impacts in the near future. We have what it takes to bring about change— all we have to do is take action. Adekoyejo Kuye, Uzochukwu Mbamalu, Charles Aliozo and Chigozie Enemoh

HOW DOES IT WORK?

RELIABLE MODI

How the technology works

Concentrate and band CO₂ molecules on catalyst.

Deliver sunlight evenly throughout the reactor

Photochemical reduction of CO₂ and other molecules to ethanol.

Inside the reactor

5

Florence School of Regulation (FSR) announces 10 scholarships, joins 17 other institutions and organizations in virtual fairs

The Summit featured two virtual fairs: an academic fair and a career advisory fair to connect participants to academic and career opportunities globally. Participating academic institutions included the School of International and Public Affairs (SIPA) at Columbia University, Florence School of Regulation, University of Petroleum and Energy Studies, Indian Institute of Science, National University of Lesotho, Fundação Getulio Vargas and Manipal Academy of Higher Education.

Participating organizations included the ASEAN Centre for Energy, Energy Efficiency Services Limited, Enel S.p.A,

Camco Clean Energy, Sustainable Energy for All, CCA, Energy Self Portraits, YES Europe, KfW Development Bank GmbH and The World Meteorological Organization.

The Florence School of Regulation took the opportunity to announce the 10 scholarships it had made available to global youth, while the University of Petroleum and Energy Studies, India, highlighted its available scholarships for female applicants to promote women empowerment in India. Several organizations also unveiled upcoming global internships and job opportunities, while Energy Self Portraits showcased the first International Self

Portraits contest linked to the topic of Energy with special emphasis on related SDGs, where 15 winners will receive USD 100 and one overall winner will receive a USD 500 cash prize. The World Meteorological Organization's presentation with graphics and videos captured the audience's attention and made them aware of the urgent work we need to do in the coming years if we are to reach the SDGs goals on time. The ASEAN Centre of Energy published an independent report on the SEforALL Youth Summit 2021, which is available [here](#).

ACADEMIC FAIR



Columbia University SIPA



Florence School of Regulation



Fundação Getulio Vargas



Indian Institute of Science



Manipal Academy of Higher Education



National University of Lesotho



University of Petroleum and Energy Studies

CAREER ADVISORY FAIR



Clean Cooking Alliance



ASEAN Centre for Energy



Camco Clean Energy



Enel S.p.A



The World Meteorological Organization



Energy Efficiency Services Limited India



Energy Self Portraits



KfW Development Bank



Sustainable Energy for All (SEforALL)

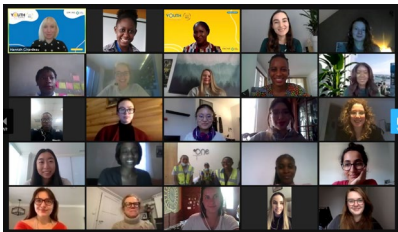


YES Europe

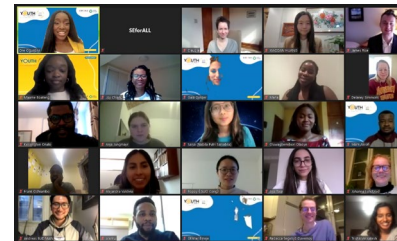
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Youth experts from across the globe engage participants in TEDx-style thematic breakout sessions

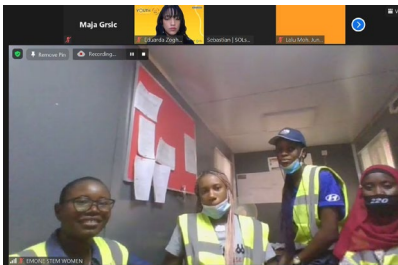
A key objective of the Youth Summit was to educate young people on the different aspects of SDG7. To facilitate peer-learning, a set of five “Ask a Youth Expert” masterclasses were curated for participants to engage with young energy practitioners on:



Women Breaking the Glass Ceiling in the Energy Sector featuring Victoria Ibrahim, Project Associate at EM-ONE Energy Solutions, and Bárbara Rubim, Vice-President of the Brazilian Association of Solar Energy (ABSOLAR), and moderated by Hannah Girardeau, Energy Specialist at SEforALL.



Powering Industrialization in the Global South through Clean Energy featuring Claudia Schwartz, Energy Access Adviser at Power Africa, and Xiaodan Huang, Ph.D. candidate at Tsinghua University, and moderated by Ore Ogunbiyi, Author and Special Assistant to the Vice-President of Nigeria.



Young Energy Innovators Disrupting the Energy Access Supply Chain featuring Karine Makhijani Malagon, Manager at EM-ONE Energy Solutions, and Sebastian Groh, Managing Director at SOLshare, and moderated by Eduarda Zoghbi, Energy and Gender Consultant at SEforALL.



Fueling Action on Clean Cooking featuring Isaac Maweu, Project Associate at I Choose Life, Charlot Magayi, CEO of Mukuru Clean Stoves, and Jessica Borbee, Associate at CCA, and moderated by Hannah Chi, Senior Associate at CCA.



AI, Data, and the Future of Electrification featuring Tobias Engelmeier, Founder at TFE Energy GmbH and Village Data Analytics, and Axell Sutton, Founder at Climate Influencers, and moderated by Tamojit Chatterjee, Energy Specialist at SEforALL.

Discussions with the audience in each group varied between technical energy solutions and stories of success. One highlight from the sessions featured EM-ONE engineers sharing their videos for others to see the three female energy professionals working together while watching the Summit. A clear demonstration that our mission was accomplished!

7

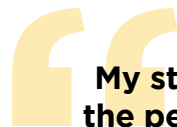
SDG Young Leader AY Young announced as Call-to-Action Youth Champion and performs live at Summit

During the platform launch ahead of the Summit, UN SDG Young Leader, AY Young, performed his single 'Save the Planet' to close out the live event on day three.

AY was one of seventeen young global leaders unveiled by the Office of the UN Secretary-General's Envoy on Youth in 2020 for his contributions to the SDGs. He is a producer, singer, songwriter, entertainer, and entrepreneur. He founded the innovative Battery Tour, which hosts a series of live concerts that are fully powered by renewable energy and is currently working on 'The Global Goals Project' - an album of 17 tracks with one track per SDG.



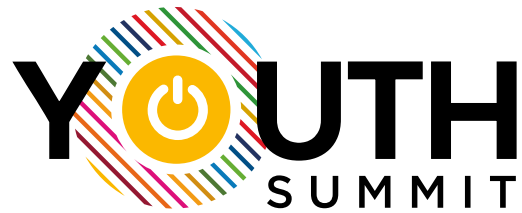
Learn more about AY Young's Battery Tour [here](#).



My story is for the people, powered by the people and success with the people. I aim to use The Battery Tour and music — a universal language — as a way to get the world plugged-in to more sustainable solutions and start thinking of new ways to innovate for the future.

AY Young, Artist and UN Young Leader for the SDG

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