

IRENA INNOVATION WEEK ²⁰₂₅

Youth in the AI and Renewable Energy space of the next decade

“What would AI say about that?”

Organized in partnership with IRENA, IEEE Young Professionals and Kooti Agrivoltaics



12th June 2025 | 12:00-12:45 CET

#IIW2025

IRENA INNOVATION WEEK ²⁰₂₅

Fireside Chat

Moderator



Polat Goktas

Chair, IEEE Young Professionals
Digital Transformation and Innovation
Hub Subcommittee

Speaker



Georgios Paliouras

Head of R&D at Kooti
Agrivoltaics

IRENA INNOVATION WEEK **2025**

Introduction to IEEE Young Professionals Ecosystem

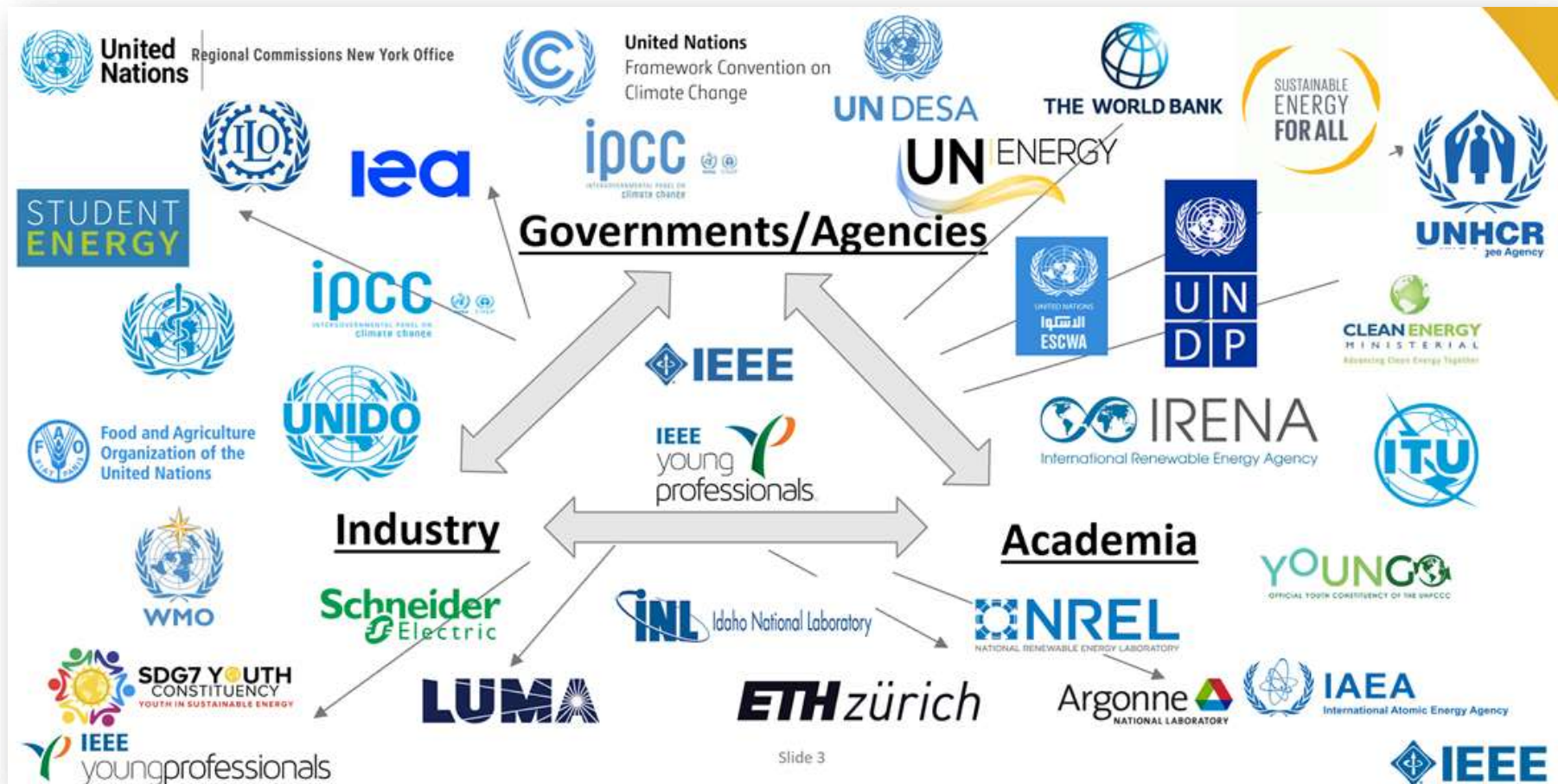


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The IEEE Young Professionals (YPs) Innovation Ecosystem



IEEE YP Local Hubs and Technical Hubs to Enhance Engagement

Sections:

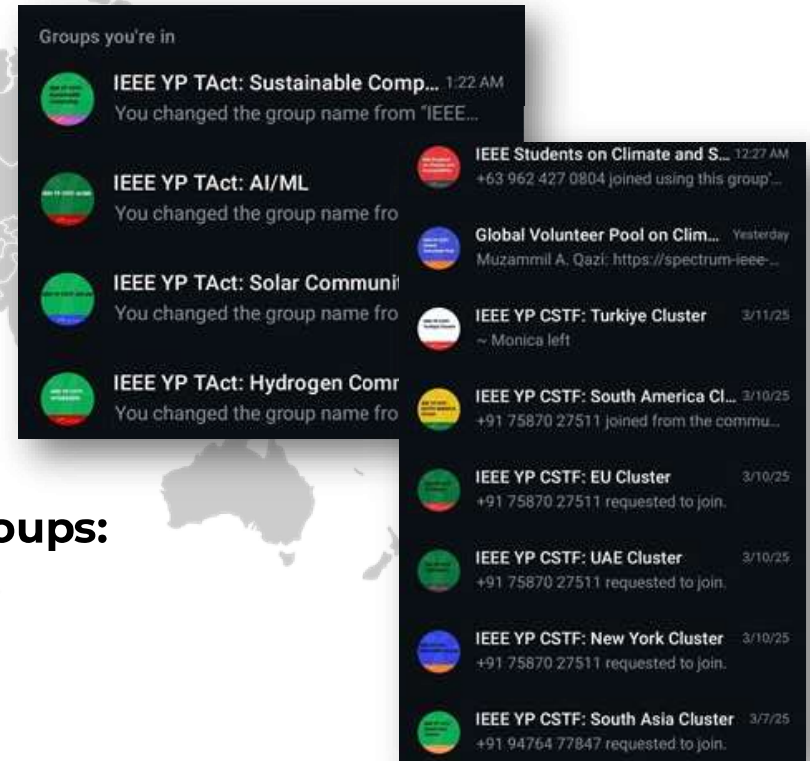
- New York
- Tunisia
- Jordan
- Lebanon
- Egypt
- Türkiye
- UAE

Regions:

- Africa
- Europe
- MENA
- South Asia
- Pacific and Southeast Asia
- South America

Official Local Groups:

- New York (R1)
- Chicago (R4)
- Lebanon (R8)
- Jordan (R8)



IRENA Innovation Week (Bonn, Germany)



 **IEEE**
youngprofessionals
Climate and Sustainability Task Force



IRENA Youth Forum and the IRENA Assembly Building Capacity of Future Energy Leaders (Abu Dhabi, UAE)



UAE Mission to IRENA @UAEMissionIRENA · Apr 14

Ahead of the 14th Session of the **IRENA** Assembly, HE Dr. @NAH_208 highlighted the importance of empowering **youth** to drive change towards a just and inclusive **#energytransition**, during her participation as a panelist on “Empowering Youth for a Just Energy Transition”

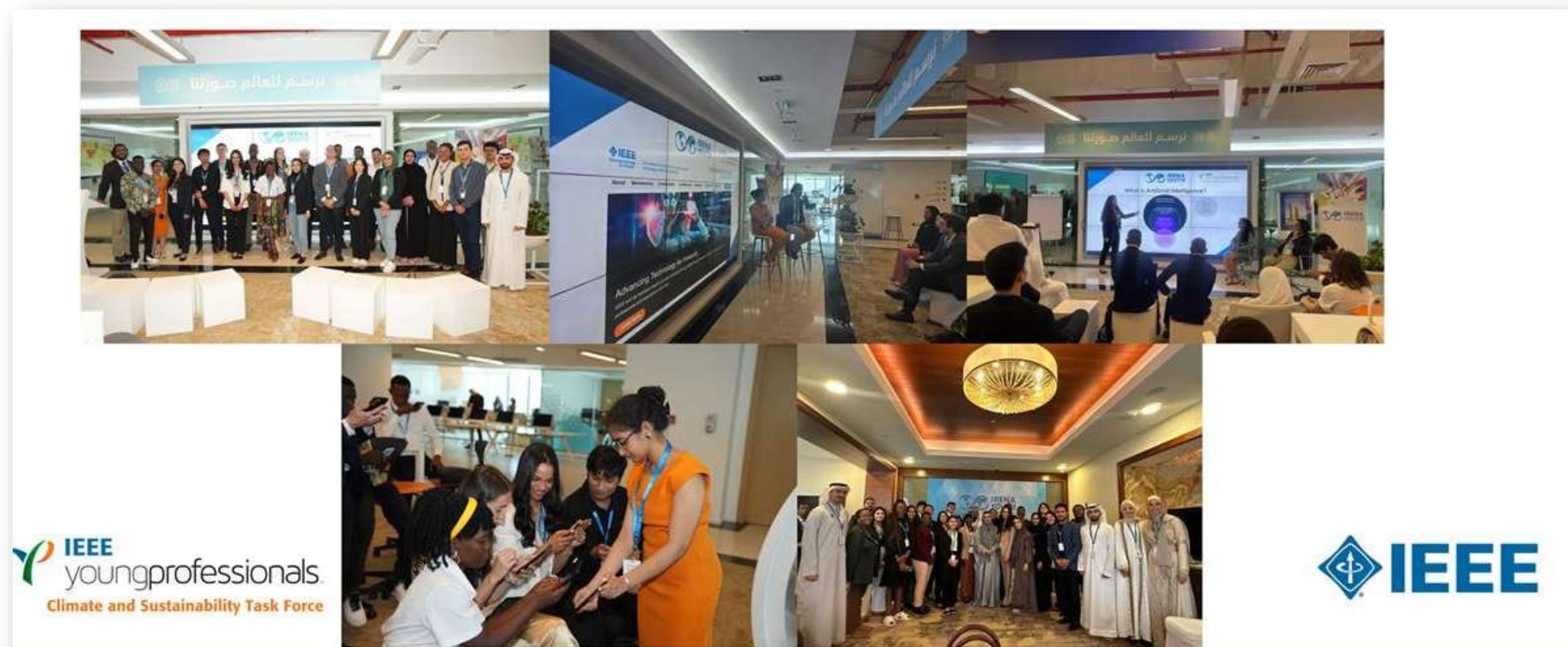


IEEE
youngprofessionals
Climate and Sustainability Task Force



IEEE

IRENA Youth Forum and the IRENA Assembly 2024: We Organized Sessions on Energy Transition and AI Training (Abu Dhabi, UAE)



IRENA Youth Forum and the IRENA Assembly 2024: We Organized Sessions on Energy Transition and AI Training (Abu Dhabi, UAE)



Guidebook on Artificial Intelligence's Applications in Energy Transition Guidebook: Youth Leads



AbdulHameed O. Raji

IEEE YP Climate and
Sustainability
Subcommittee Member
Chair at Energy Institute
West Midlands Young
Professionals
United Kingdom



Yuhan (Sicily) Zheng

Program Lead, Climate and
Sustainability Subcommittee
Chair at the Economic Commission
for Europe (UNECE) Sustainable
Energy Division Young Working
Group



Polat Goktas

Chair, IEEE YP Digital Transformation and
Innovation Hub Subcommittee,
Senior AI Specialist, Academician



Guidebook on Artificial Intelligence's Applications in Energy Transition Guidebook: Authors



Sivaraman P,
Power systems engineer,
Senior member of IEEE,
IEEE YP IHSC
ADSF SIGHT, India
Research Scholar, Anna
University, Chennai, India



Gowri A,
Environmental
engineer,
Student graduate
member of IEEE,
Master student,
Anna University,
Chennai, India



Shaibu Ibrahim,
EIT, PMP, NABCEP
PVIP
Power Systems
Engineer
IEEE Senior Member



John Atakpa
Member, International
Society of Sustainability
Professionals.
Member, Project
Management Institute.



Shreenithi Lakshmi
Narasimhan,
Vice Chair New York
Climate and
Sustainability,
Initiatives
Sustainability



Nwarueze Chiamaka
Ruth,
Program Associate,
Shortlist Futures



Khaled Masaad
Alazbe,
Innovation &
renewable energy
engineer



Ferheen Ayaz,
Lecturer at City St.
George's, University
of London,
IEEE YP IHSC



Josh Oxby, GFP
SDG7 Youth
Constituency



Kayna Mendoza,
IEEE YP CSTF



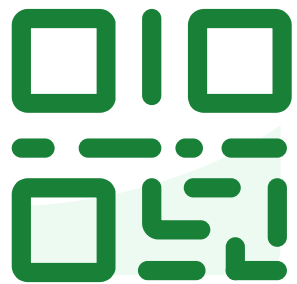
Sneha Satish Hegde
Partnerships Lead, IEEE YP
Climate and Sustainability
Subcommittee



Norhan Gharabli
CEO-Co-Founder for Ar-ena
Head of the United Nations
Youth Advisory Council



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In one word, what excites you the most about the future of AI in renewable energy?



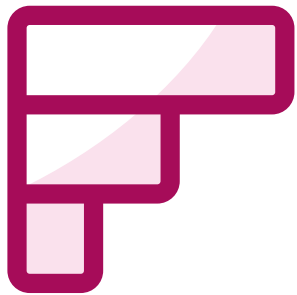
**How familiar are you with the concept
of the AI-Energy Nexus?**



What is the biggest barrier to applying AI in renewable energy systems in countries?



From your perspective, how can young people best contribute to the AI-Renewable Energy Nexus?



Rank the top skill sets young professionals should develop to succeed in AI for clean energy



What kind of collaborations (disciplines/sectors) do you think are necessary to scale AI-energy solutions?



If AI could answer one question about the future of energy, what would you ask?

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Renewables and Digitalisation for a Sustainable Energy Future

Thank you!

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Lunch Break

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