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

#IIW2025

IRENA INNOVATION WEEK 2025

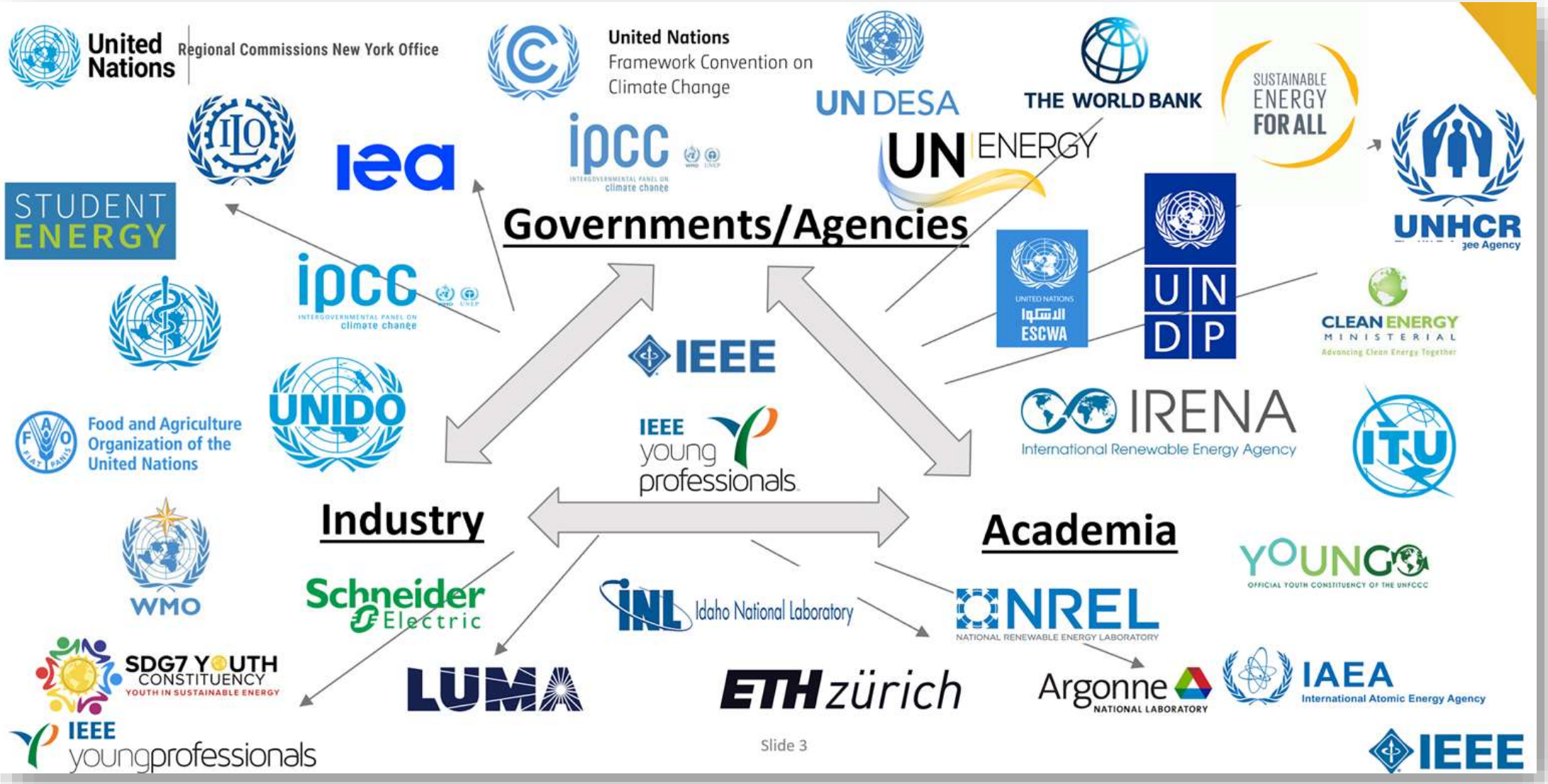
Introduction to IEEE Young Professionals Ecosystem

Polat Goktas

Chair, IEEE Young Professionals
Digital Transformation and Innovation
Hub Subcommittee

#IIW2025

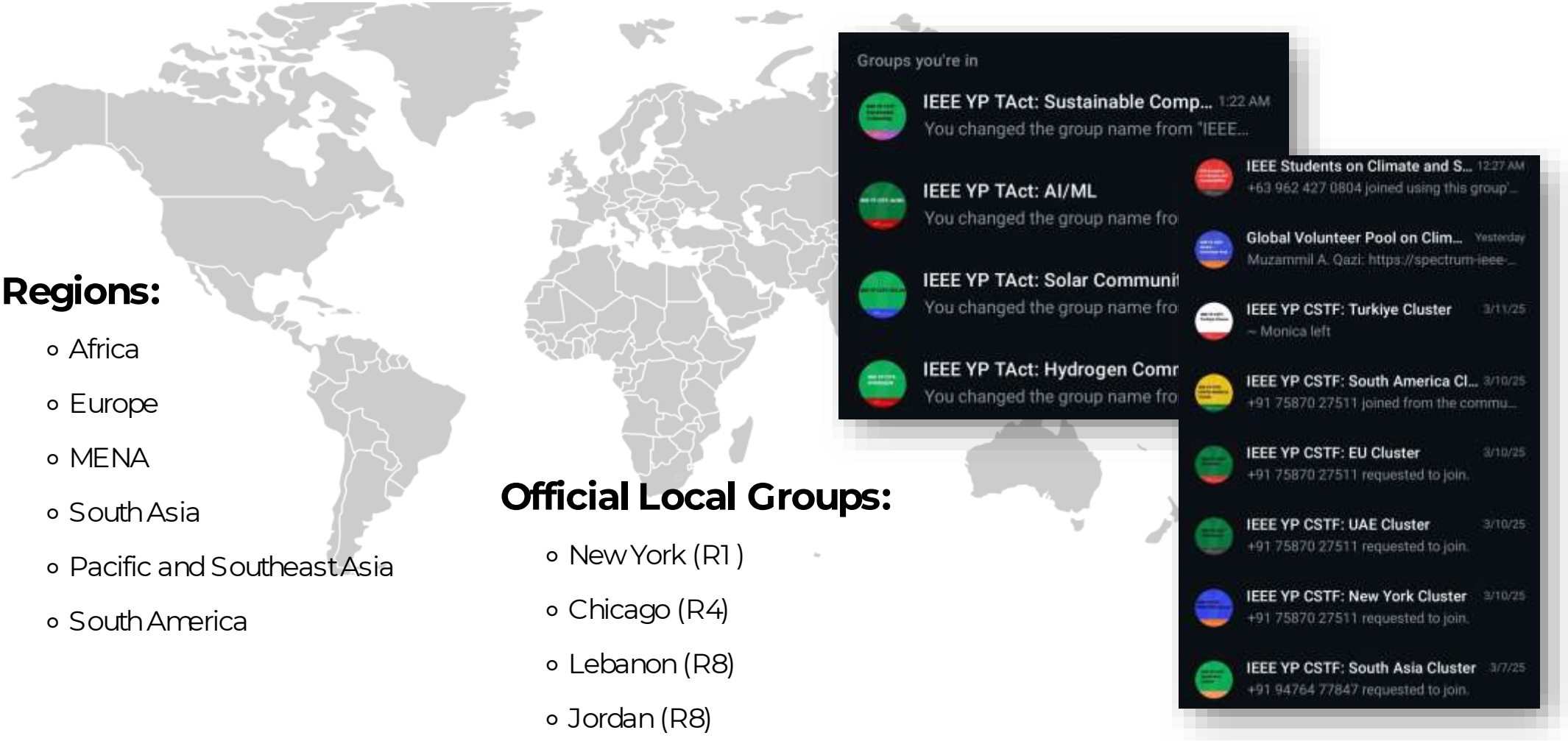
The IEEE Young Professionals (YPs) Innovation Ecosystem



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)

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)

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)

IEEE youngprofessionals
Climate and Sustainability Task Force

IEEE

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

IEEE

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,

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

IEEE

Do not edit
How to change the design

Join at slido.com
#1053254

ⓘ The Slido app must be installed on every computer you're presenting from

slido

Do not edit
How to change the design

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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

Do not edit
How to change the design

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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

Do not edit
How to change the design

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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

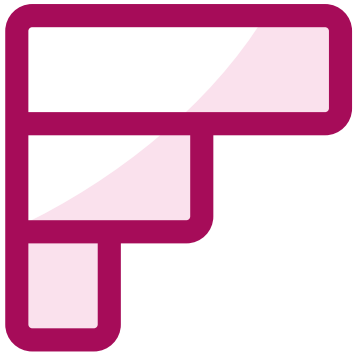
Do not edit
How to change the design

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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

Do not edit
How to change the design



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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

Do not edit
How to change the design

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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

Do not edit
How to change the design

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

ⓘ The Slido app must be installed on every computer you're presenting from

slido

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

#IIW2025

IRENA INNOVATION WEEK 2025

Renewables and Digitalisation for a Sustainable Energy Future

Thank you!

Contact:
yp@ieee.org
polatgoktas@gmail.com
georgepaliouras@yahoo.gr

#IIW2025

IRENA INNOVATION WEEK 2025

Lunch Break

#IIW2025