

# Women in Nuclear Global Conference

14-18 JULY 2025, LONDON



**AMSATOU DIOP**

Vice President WINYG Strategy and development and  
EU Young Energy Ambassador



**FIONA RAYMENT**

OBE PhD FEng FRSE CChem CEng  
FNucl, Member Win Global



# THE SOCIAL IMPACT OF YOUTH COMMUNITIES IN THE NUCLEAR SECTOR



**AZUCENA FERNANDEZ**

Nuclear4Climate and  
Jóvenes Nucleares



**RICHARD OLLINGTON**

Partner Radiant  
Energy Group



**GAYATRI KARNIK**

Vice President of WINYG  
Cooperation - Nuclear Policy



**DINARA ERMAKOVA**

PhD - nuclear waste  
management, public policy,  
and environmental justice

**14TH OF JULY AT : BALLROOM FROM : 3:10 PM**



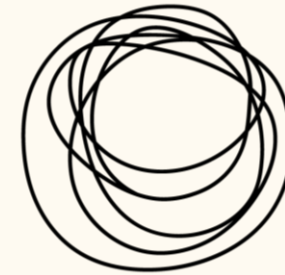
# Youth Social Impact

## Analysis of Youth Support for Nuclear Energy

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Speaker: Richard Ollington

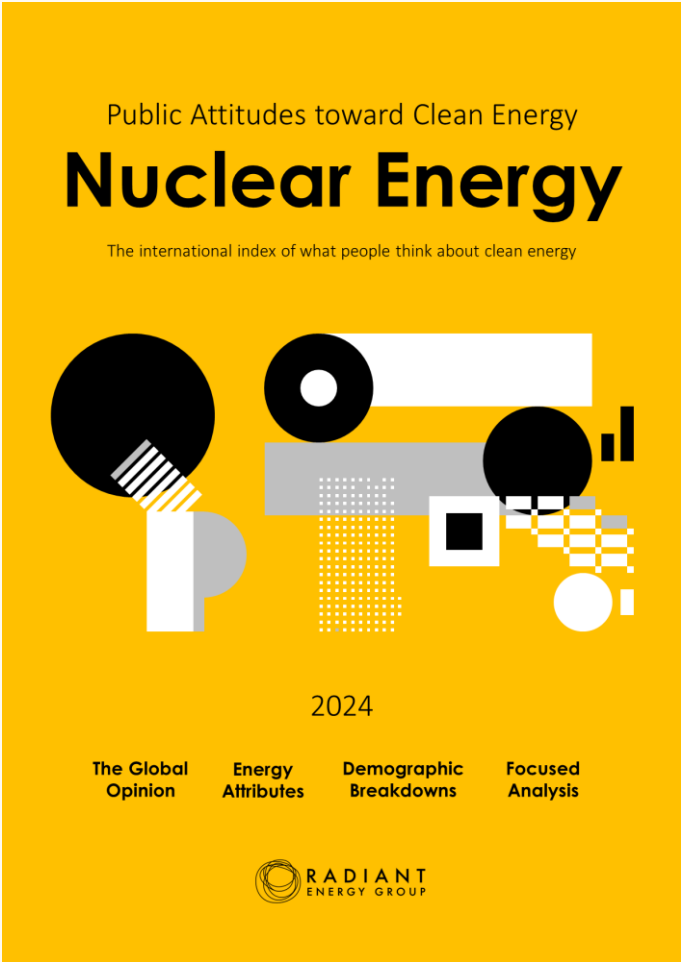
14 July 2025



**RADIANT**  
ENERGY GROUP



This presentation makes use of data from the world’s largest publicly released international study on what people think about nuclear energy



**31**  
countries  
>60% of world population

**5**  
clean energies  
questioned for benchmarking

**>1,000**  
respondents  
per country  
95% confidence of a margin of  
error of 3 percentage points

**>30**  
questions and  
segmentations  
on energy, environmental,  
beliefs, and demographics

## Greater support for nuclear among the youth could benefit the industry's social license, government policy stability, and workforce

Greater overall support

### Social License

Increasing public support for nuclear reduces the risk of backlash.

Gaining a social license allows the nuclear industry, governments, and investors to expand nuclear's use more effectively.

Lower volatility in support

### Policy Stability

Reducing demographic variance in nuclear support minimizes the risk of government policy changes driven by anti-nuclear minority interests.

Improving policy stability matters to the nuclear industry which depends on long-term investments.

More interest in working in nuclear

### Improved Workforce

Increasing nuclear support among the youth should boost their interest in working in the industry.

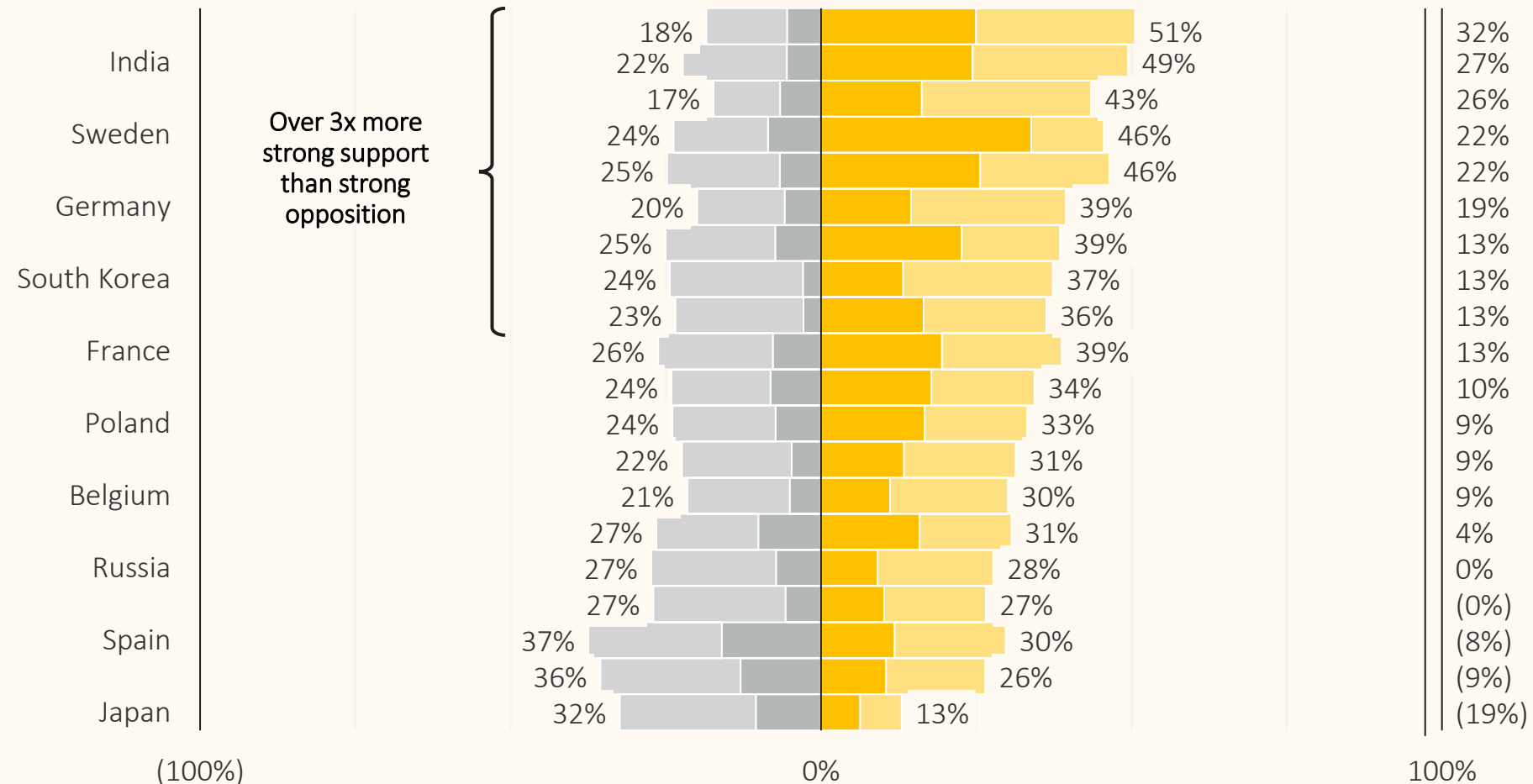
As the older workforce ages out a new, younger workforce will be needed. More youth in nuclear helps grow the workforce, attract top talent, and diversify skillsets in the industry.

# In many countries, strong support for nuclear energy among under 30-year-olds significantly outweighs strong opposition

Share of the public that opposes, or supports nuclear energy's use in their country, among under 30-year-olds - %

Opinion: ■ Tend to oppose, ■ Strongly oppose, ■ Strongly support, ■ Tend to support

Net support

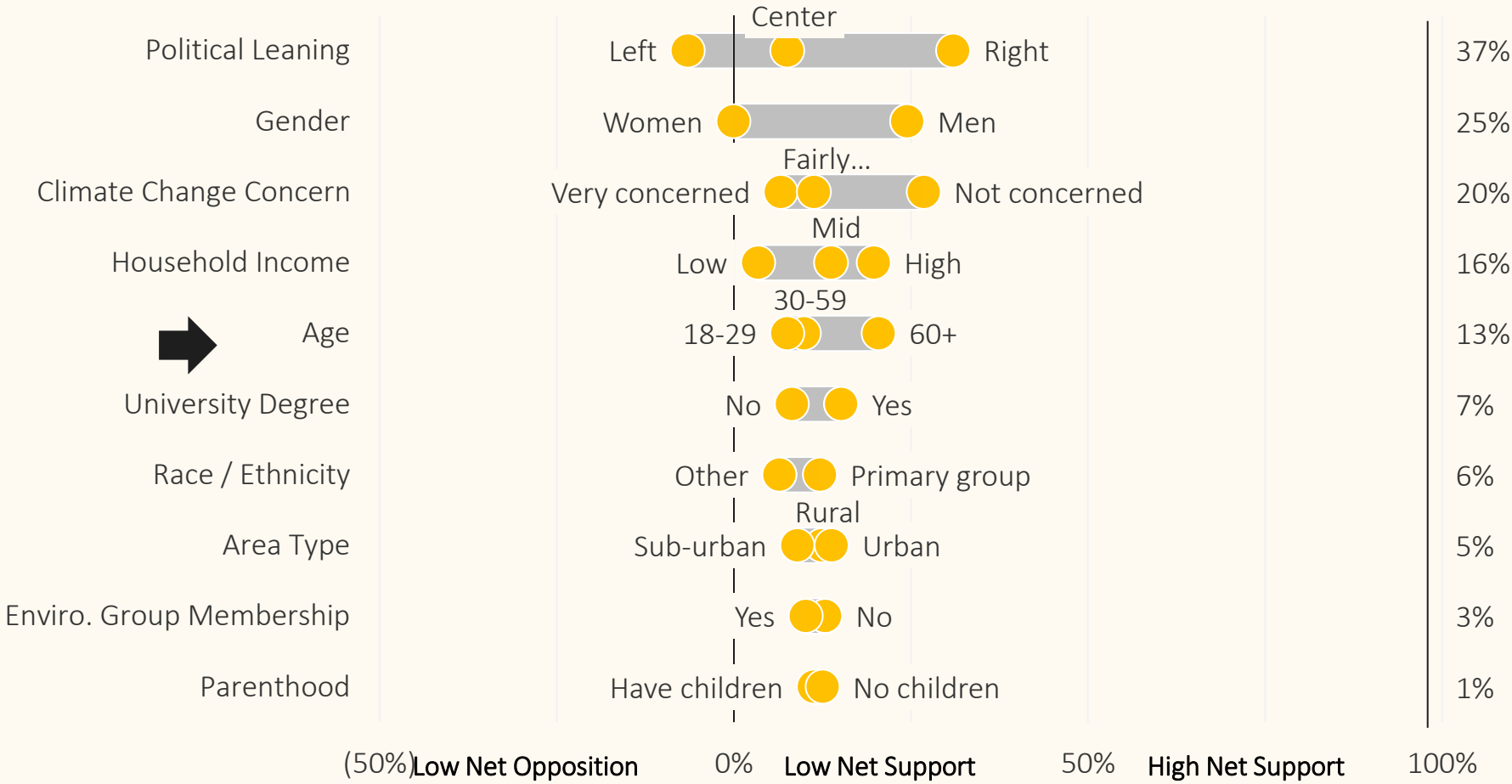


# Age represents the world's fifth-largest demographic divide in public support for nuclear energy

Net support (support minus opposition) for nuclear's use, by demographic subgroup, 2024 - %

● Demographic subgroup, Range in net support

Range in net support

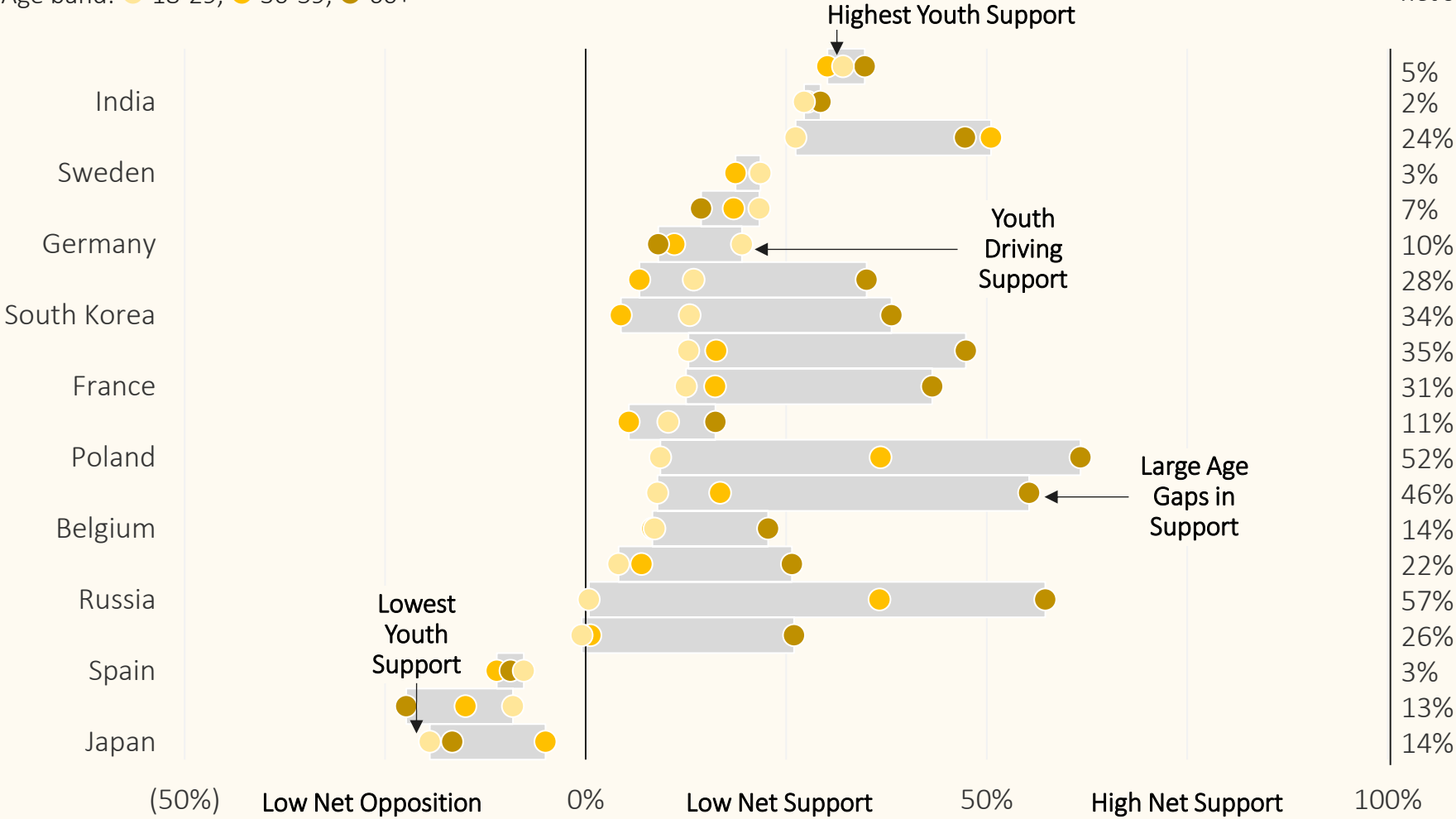


# In most countries, the under 30-year-old youth support nuclear less than those older than 60

Net support (support minus opposition) for nuclear's use, 2024 - %

Age band: 18-29, 30-59, 60+

Range in net support



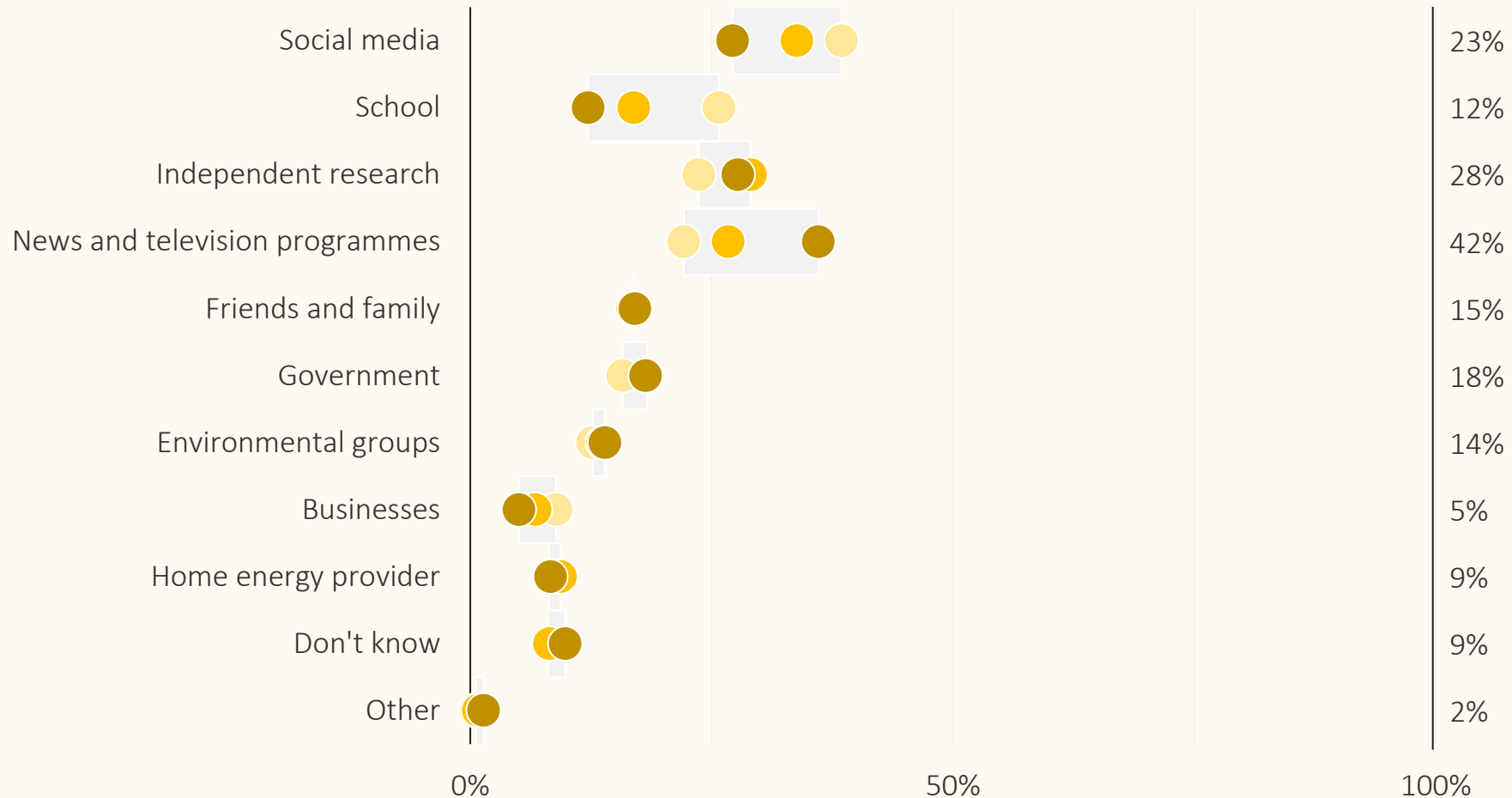
Q8. From what you know about [nuclear energy], to what extent, if at all, do you support or oppose using [it] to generate electricity in your country? Select one response. Strongly oppose, Tend to oppose, Neither support nor oppose, Tend to support, Strongly support, Don't know  
Q16. How old are you? Move the slider until it shows your age in the box on the left: 18-100, Don't know



# Across the 31 countries surveyed, social media, school, and independent research are the youth's main sources of information about nuclear energy

Net support (support minus opposition) for nuclear's use, 2024 - %  
Age band: ● 18-29, ● 30-59, ● 60+

Average  
Importance



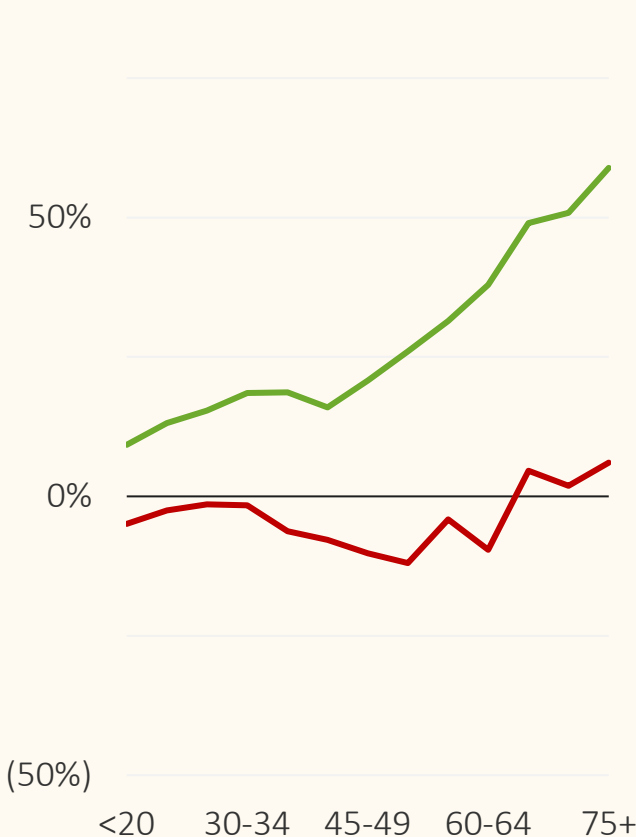
# In the US, the elderly have higher support for nuclear energy however, the youth are less divided in their support

Net support (support minus opposition) for nuclear's use, 2024 - %

Gender:

● Women, ● Men

100%



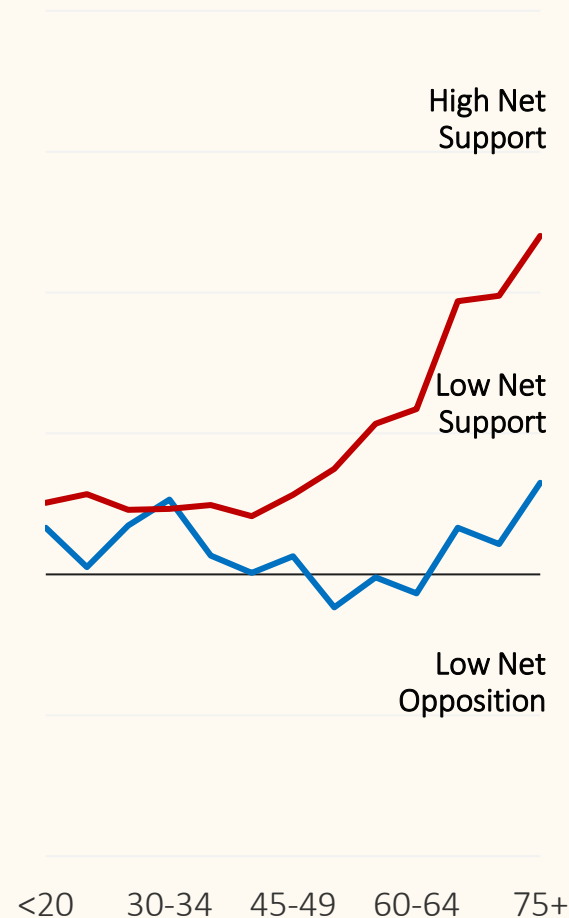
Membership of environmental nonprofit:

● No, ● Yes

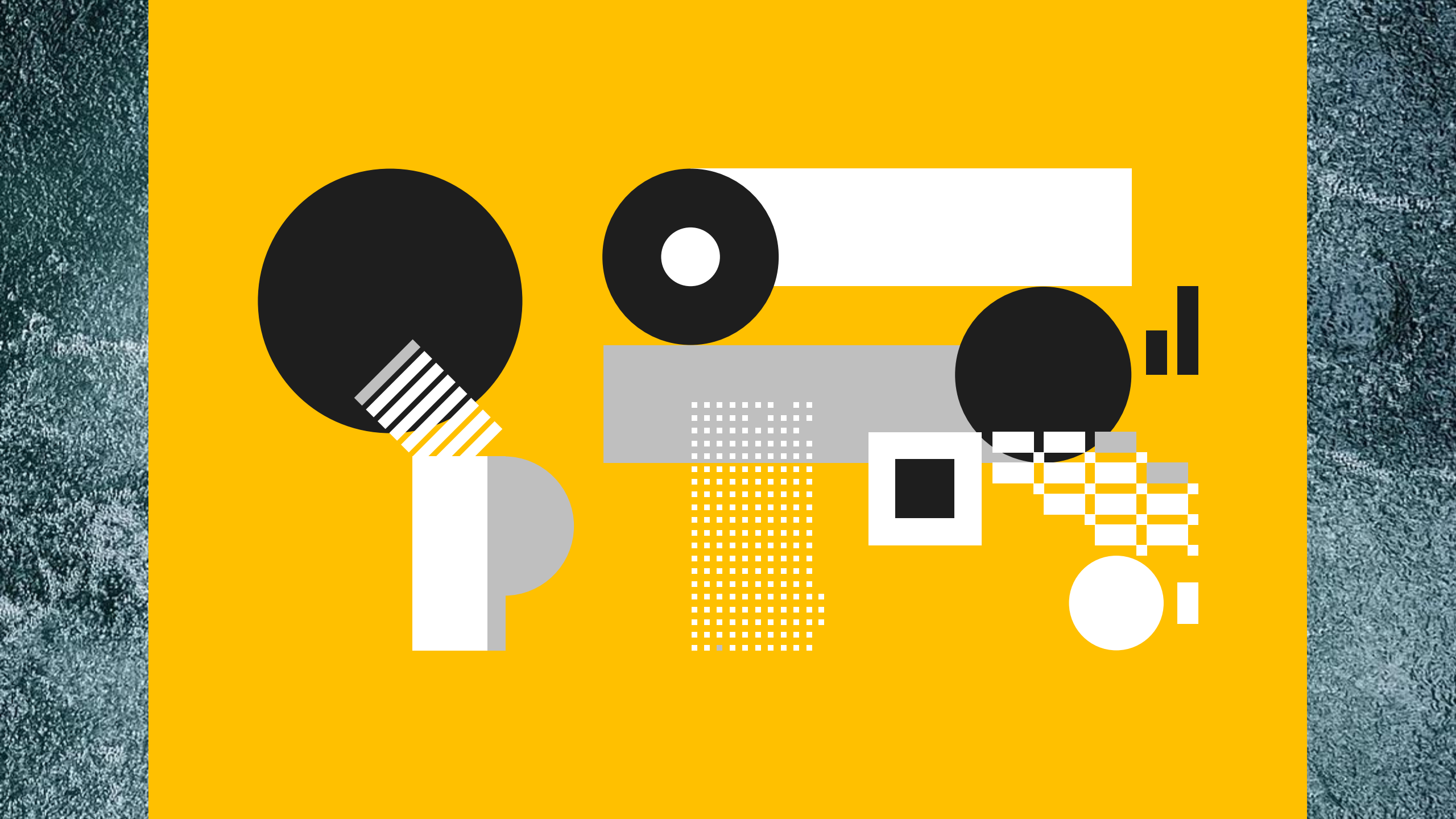


Political alignment:

● Democratic, ● Republican



(50%)





# Youth in Nuclear Policy

**Gayatri Karnik**

Generation Atomic

NEA HLG-GB

Climate Policy Practice





# Policy is not one things...

Policy and Law  
Making

Implementation

Capacity Building





# UN Climate Frameworks

- In 2015, when the Paris agreement agreement was passed, nuclear was unpopular
- But today...



# Outcomes of the first Global Stocktake, 2023

28. *Further recognizes* the need for deep, rapid and sustained reductions in greenhouse gas emissions in line with 1.5 °C pathways and *calls on* Parties to contribute to the following global efforts, in a nationally determined manner, taking into account the Paris Agreement and their different national circumstances, pathways and approaches:

- (a) Tripling renewable energy capacity globally and doubling the global average annual rate of energy efficiency improvements by 2030;
- (b) Accelerating efforts towards the phase-down of unabated coal power;
- (c) Accelerating efforts globally towards net zero emission energy systems, utilizing zero- and low-carbon fuels well before or by around mid-century;
- (d) Transitioning away from fossil fuels in energy systems, in a just, orderly and equitable manner, accelerating action in this critical decade, so as to achieve net zero by 2050 in keeping with the science;
- (e) Accelerating zero- and low-emission technologies, including, inter alia, renewables, nuclear, abatement and removal technologies such as carbon capture and utilization and storage, particularly in hard-to-abate sectors, and low-carbon hydrogen production;
- (f) Accelerating and substantially reducing non-carbon-dioxide emissions globally, including in particular methane emissions by 2030;
- (g) Accelerating the reduction of emissions from road transport on a range of pathways, including through development of infrastructure and rapid deployment of zero- and low-emission vehicles;
- (h) Phasing out inefficient fossil fuel subsidies that do not address energy poverty or just transitions, as soon as possible;

## Singapore

Nevertheless, Singapore is building our capabilities in nuclear science and technology to better understand the implications and benefits of advanced nuclear energy technologies for Singapore. This includes leveraging the expertise of global leaders in this field. For instance, Singapore signed the 123-Agreement with the United States in July 2024 to deepen civil nuclear cooperation. EMA also signed memoranda of understanding (MOUs) with the Emirates Nuclear Energy Corporation from the United Arab Emirates, and the

## UAE

commitment to increasing its clean energy capacity. The Barakah nuclear power plant, operational since 2021, further highlights the UAE's efforts to diversify its energy mix and reduce carbon emissions. These projects are pivotal in the UAE's strategy to meet its ambitious climate targets.

## Moldova

In the longer term, the country will also consider the possibility of including hydrogen and small nuclear power in the energy mix.

## USA

by responsibly harnessing public lands and waters. Subnational governments and Tribal governments across the United States will also continue to support the existing nuclear fleet and take advantage of carbon capture technologies to cut pollution from existing power plants, while ensuring those facilities meet robust and rigorous standards for worker, public, and environmental safety as well as environmental justice. Public-private partnerships at all levels

## UK

In December 2024, the UK government published the Clean Power 2030 Action Plan. The government will work with the private sector to radically increase the deployment of onshore wind, solar and offshore wind so that electricity generated by renewables and nuclear power will be the backbone of a clean electricity system by 2030. In a typical weather year, the



# UK NDC and WiN

The UK also supports the POWERful Women initiative and other energy sector groups in their work towards increasing gender equality in the clean energy sector. This includes supporting Women in Nuclear, which encourages girls and women into the nuclear industry. The UK is a signatory to the



GAYATRI KARNIK,  
INDIA



AMANDA MBHELE,  
SOUTH AFRICA



DIKSHA SHARMA,  
INDIA



GUNJAN INDAULIYA,  
INDIA



SAFA ABDO,  
EGYPT



MANISH SAHU,  
INDIA



# NEA High Level Group on Gender Balance

In June 2023, OECD Ministerial Council Meeting adopted the *Recommendation of the Council on Improving the Gender Balance in the Nuclear Sector*

Lead to the creation of the HLG-GB under NEA, chaired by Fiona Rayment

4 Taskforces- Attract, Retain, Advance and Data Collection

Feb 2025, new appointment as the Chair of the taskforce





# CLIMATE POLICY PRACTICE



**Climate Law and Policy Webinar**

Apr 16th, 2025

Noon to 1 p.m. EDT

Founder and Director  
Climate Policy Practice

Gayatri Karnik

QR code

Logos: NAYGN, calendar icon, three upward arrows



**THE CLEAN ENERGY SHIFT: MITIGATE OR PERISH**

5 JUNE  
WORLD ENVIRONMENT DAY

**GAYATRI KARNIK**  
Climate Policy Practice

**SUZAN MARWAN SHAHIN**  
Women in Renewable Energy

**DINARA ERMOKOVA**  
Nuclear Waste Management Expert

Logos: WiN YG, WIRE, BEAT PLASTIC POLLUTION, WORLD ENVIRONMENT DAY, UN environment programme, 2025 JEJU KOREA



**Powering the Future:  
International Climate  
Law, Energy and  
Technology  
Webinar**

**January 21st**

Hosted by **Gayatri Karnik**  
Founder & Director of  
**CLIMATE POLICY PRACTICE**

Portrait of Gayatri Karnik



# Thank you!

Gayatri Karnik



# **Social Outreach for Nuclear: Youth Voices, Global Impact**

**We connect people to nuclear, through conversation,  
curiosity, and community.**

**Dinara Ermakova**

# Building **Public Connection** through Social Outreach

## Speak



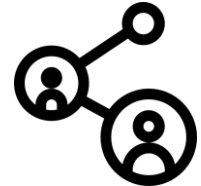
We bring **youth voices to global platforms** like COP, IYNC, and community forums, making nuclear energy relatable through public speaking and direct dialogue.

## Share



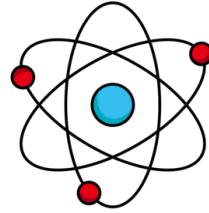
Through social media campaigns, influencer collaborations, and accessible content, we **challenge misinformation** and inspire curiosity about nuclear science.

## Connect



We build **public trust** through education, youth-led events, and partnerships with groups like NAYGN and Nuclear for Climate, bridging the gap between science and society.

# Our Message



## Nuclear is Human

We focus on the **social side of nuclear**, how it affects people, communities, and the planet. By sharing real stories and addressing fears openly, we build emotional connection and trust.

## Youth = Relevance

As young professionals, we make nuclear part of today's conversations, about climate, equity, and innovation. Our voice brings **new energy** to a topic often seen as outdated or inaccessible.

## Outreach Drives Change

Through public speaking, online campaigns, and grassroots programs, we shape how people feel about nuclear, and how decision-makers talk about it.  
**Outreach isn't extra, it's essential.**



## You as the Connector Point

**Translate** complex nuclear science  
into clear, relatable insights for  
non-experts

**Serve as the bridge** between  
technical specialists and everyday  
communities

## Expert-led Community Engagement



Speaking on Berkeley campus 2024

## Trusted Messengers

Communities listen when a **real practitioner** speaks, your credibility  
opens doors

Your workshops, panels, and Q&As  
turn **complex** nuclear facts into  
engaging, **easy-to-understand**  
conversations.



Attending COP 29 in Baku



## Real Community Presence

Invited speaker at the **Embassy of Kazakhstan in San Francisco**,  
shared my perspective as a nuclear  
expert for global Kazakh audiences



**San Francisco, Embassy of Kazakhstan**

## Youth Leadership & Nuclear Dialogue

Represented IYNC as  
Innovation Chair, promoting  
**youth involvement** in  
nuclear dialogue and clean  
energy transitions



**Net Zero Nuclear Advocates**

## Building & Uniting Nuclear Communities

# Engaging the **Next Generation** through Storytelling

## Stacky and the Smoke Dragon

A 48-page **hardcover children's book** introducing nuclear energy as a clean, safe, and exciting technology

Designed to **spark curiosity** while gently debunking common fears about nuclear

Beautifully illustrated and written to be both **fun and educational**







**"Stacky and the Smoke Dragon" tells the story of Stacky, a brave hero powered by clean nuclear energy, who saves his kingdom from a toxic dragon spreading smoke and pollution. As fossil fuels darken the skies, Stacky rises to show that safe, reliable energy can defeat even the most dangerous threats.**





# Introducing Nuclear Through **Coloring** & **Imagination**

## Companion Coloring Book

40-page softcover **coloring edition** with anti-bleed double pages for kid-friendly use

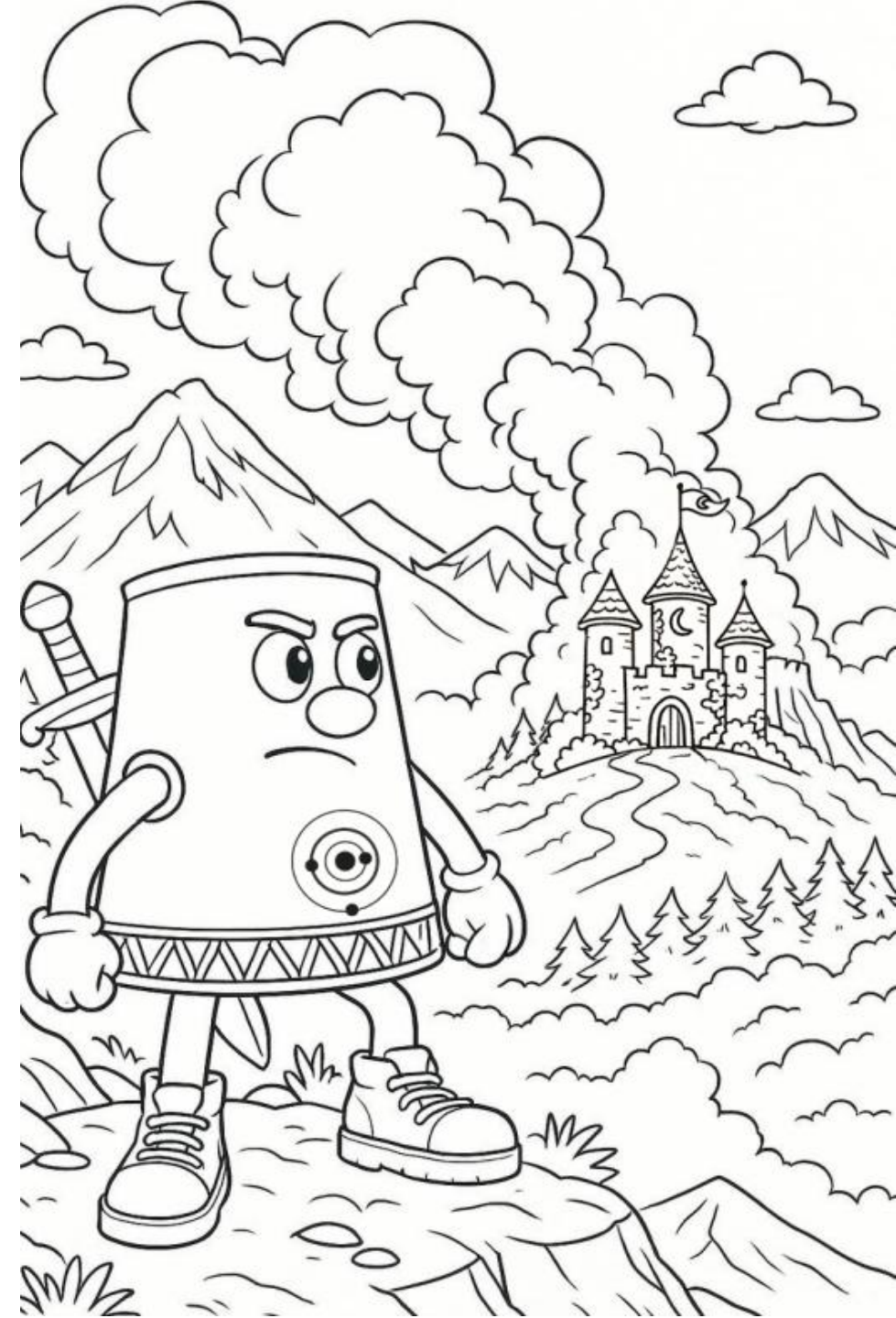
Reinforces nuclear concepts through **play, creativity, and storytelling**

Perfect for outreach events where families attend with **young children**





**This coloring book is a fun, simplified version of Stacky and the Smoke Dragon. Kids can color along as Stacky, a hero powered by clean nuclear energy, saves his kingdom from a smoky, polluting dragon. It's a playful way to learn that clean energy helps keep our skies blue and our world safe.**





## Youth at the Table

We've brought young nuclear advocates to **global stages** like COP, making nuclear part of climate and policy conversations.

## Public Awareness is Growing

Social media, storytelling, and grassroots outreach have sparked interest and **shifted perceptions**, especially among younger audiences.

# Impact & What's Next



## Global Expansion

We aim to **localize outreach efforts**, more languages, more schools, more communities engaged worldwide.

## Training the Next Voices

Through IYNC and partners, we'll equip **more youth** with tools for public speaking, advocacy, and science communication.



**AMSATOU DIOP**

Vice President WInYG Strategy and development and  
EU Young Energy Ambassador



**FIONA RAYMENT**

PhD FEng FRSE CChem CEng  
FNucl, Member WIn Global



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# Women in Nuclear IAEA

Janette Donner

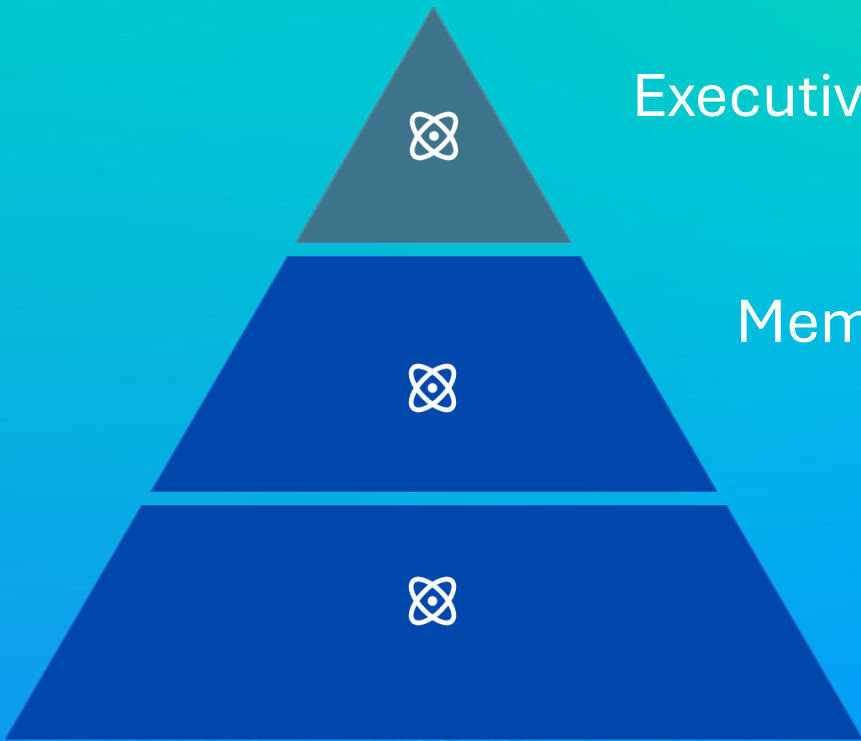


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# Meet the WiN IAEA Team



Executive committee – 16 staff members (3 men)

Membership - from 5 members in 2022 to soon 700 (48 men)

Social media visibility: increased from 0 followers in 2022 to 10,000 soon.

Hosted 103 different events since 2022.

# Supporting IAEA's Gender Equality Policy and Action Plan ♀



Gender parity at professional level at the IAEA – achieved in March 2025



Gender mainstreaming in all IAEA programmes and activities



Supportive Environment (flexible working hours, work from home, parental leave, nursing center)



Communication (trainings on respectful workplace, prevention of harassment and discrimination)



# WiN IAEA activities & collaborations:

- ❑ Events during major IAEA conferences, networking events and social events
- ❑ Outreach of Marie Skłodowska Curie Fellowship Programme
- ❑ Vienna Science and Engineering Fair
- ❑ Mentoring programme
- ❑ Technical visits

## Collaboration with:

- ❑ Member States & national representatives
- ❑ IAEA Human resources team
- ❑ UN organizations and international networks in Vienna
- ❑ WiN global chapters







## Bridging the Gap

Male allies and young leaders for gender equality

**Opening statement**



**Margeret Doane**  
Deputy Director General  
& Head of Department of  
Management, IAEA

**Moderators**



**Mads Bunch Larsen**  
WIN IAEA



**Nessa Trombetta**  
WIN IAEA

**Closing statement**



**Janette Donner**  
President, WIN IAEA

**Panelists**



**Dalia Alic**  
Advisor, Permanent  
Mission of Croatia  
to the UN & OSCE



**Owen LeGrone**  
President, UN  
Nuclear Young  
Generation



**Mensah Solomon Jr.**  
Data analyst



**Matthew Attard**  
First Secretary,  
Permanent  
Mission of Malta  
to the UN



**Louis Reitmann**  
Research Fellow  
VCDNP





# Nuclear Security Prevention, Detection, & Response



## Opening Remarks



**Janette Donner**  
President,  
Women in Nuclear, IAEA



**Kelly Jenkins**  
Nuclear Security Officer  
(Instrumentation &  
Networks), IAEA



**Kelsae Adame**  
Associate Nuclear  
Security Officer (RMS),  
IAEA



**Chelsea Willett**  
Associate Nuclear  
Security Officer  
(Forensics), IAEA



**Leeza Duval**  
Associate Nuclear  
Security Officer (RMS),  
IAEA

## Panel Moderator



**Jonathan Beaumont**  
NDA Systems Engineer, IAEA

# Women in Nuclear: “Strategies for Retention & Career Development”



**Ms Elsie Pule**  
HR Executive, Eskom  
Holdings, South Africa



**Ms Kim Pringle**  
Director of Human Capacity  
Building, (K.A.CARE),  
Saudi Arabia



**Ms Ditebogo Kgomo**  
Co-Chair of the Nuclear  
Regulators for Gender  
Equality (NRGE)



**Ms Aline des Cloizeaux**  
Director of Division of  
Nuclear Power, IAEA



**Mr Callum Thomas**  
Founder & CEO, Thomas Thorpe

## Opening Statement



**Mr Mikhail Chudakov**  
Deputy Director General  
Nuclear Energy Department (NE), IAEA

## Panel Moderator



**Ms Janette Donner**  
President  
Women in Nuclear, IAEA

## Closing Statement



**Mr Huang, Wei**  
Director - Division of Planning,  
Information and Knowledge  
Management, IAEA



# Desayuno con WiNners inspiradores



**HABLANTE**  
**DIANA PAEZ GUTIERREZ**  
Jefe de la Sección de  
Medicina Nuclear y  
Diagnóstico por Imagen  
del NAHU-OIEA



**MODERADORA**  
**EVA CIURANA CASADEMONT**  
Oficial de Gestión de  
Programas de  
TCLA-OIEA

## PRESENTANDO EN ESPAÑOL

4 JUNIO 2025  
9:30-10:30  
VIC - EDIFICIO C  
SALA C0739

DESAYUNO Y CAFÉ  
PATROCINADOS POR  
LA EMBAJADA DE  
EL SALVADOR



**MENSAJE DE BIENVENIDA**  
**JANETTE DONNER**  
Presidenta  
de WiN OIEA



**DISCURSO DE APERTURA**  
**JULIA EMMA VILLATORO TARIO**  
Embajadora de la  
República de  
El Salvador en Austria

# Gender Equality in Nuclear Security: Achievements and Challenges

## Distinguished Speakers



**HE Mr Kaifu Atsushi**  
Ambassador of  
Japan



**HE Mr Azzeddine Farhane**  
Ambassador of  
Morocco



**HE Ms Susan Eckey**  
Ambassador of  
Norway



**HE Mr Aftab Ahmad Khokher**  
Ambassador of  
Pakistan



**HE Ms Laura S.H. Holgate**  
Ambassador of  
USA



**Ms Janette Donner**  
President,  
WiN IAEA

## Opening Remarks



**Ms Lydie Evrard**  
Deputy Director General (NS), IAEA

## Panel Moderator



**Ms Elena Buglova**  
Director, Division of Nuclear Security, IAEA

## Event Coordinator



**Ms Oum Keltoum Hakam**  
Lead, Women in Nuclear Security Initiative  
(WINSI), IAEA





**Thank you for your attention !**  
**WiN IAEA looks forward to working with you all !**



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# Women in Nuclear Global Conference

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