



mineral resources
& energy
Department:
Mineral Resources and Energy
REPUBLIC OF SOUTH AFRICA



2023

**BRICS YOUTH
ENERGY SUMMIT**



SOUTH AFRICA

3-4 AUGUST JOHANNESBURG

BRICS YOUTH ENERGY SUMMIT 2023 AGENDA

3 & 4 August 2023:
Focus Rooms: Modderfontein:
Gauteng Province,
Republic of South Africa

All day

ARRIVALS AND TRANSPORTATION OF DELEGATES. CHECK-IN AT THE HOTEL

2.00pm – 9.00pm

ACCREDITATION

Venue: Focus Rooms

7.00pm – 8.00pm

BRIEFING ON THE BRICS YOUTH ENERGY DECLARATION

This closed session is about consulting and briefing on the developed BRICS Youth Energy Declaration. The declaration will reflect the youth's vision for energy cooperation, energy access, and security in BRICS and Africa.

8.00pm – 9.00pm

WELCOME COCKTAIL

Venue: Focus Rooms

(By Invitation Only)

Address by

Ms Mathapelo Malao, Development Bank of Southern Africa (DBSA)

Mr. Alexander Kormishin, Chairperson, BRICS Youth Energy Agency



8.00am – 8.30am

**TRANSFER TO THE VENUE (CITY LODGE
KATHERINE STREET DELEGATES)**

6.30am – 9.00pm

ACCREDITATION

Venue: Focus Rooms

9.00am – 9.45am

OPENING & KEYNOTE CEREMONY

Venue: Universe

The ceremony will serve as the official opening and keynote of the Summit. The session will feature two representatives of the host Parties - DMRE and of the co-organizer BRICS YEA and other key stakeholders. The session will address the priorities and vision for South Africa's BRICS Presidency in the field of energy, particularly leading efforts on ensuring energy access and security in all of Africa and empowering youth as the next generation of energy leaders.



MODERATOR:

Mr. Jacob Mbele, Director General of Mineral Resources & Energy, Republic of South Africa



WELCOMING REMARKS:

- **Mr. Alexander Kormishin**, Chairperson, BRICS Youth Energy Agency
- **Mr. Waseem Carrim**, Chief Executive Officer, National Youth Development Agency (NYDA)



KEYNOTE SPEECH:

- **Dr. Nobuhle Nkabane**, Deputy Minister of Mineral Resources & Energy, Republic of South Africa



09.45am – 10.30am

PLENARY SESSION 1

THE ROLE OF YOUTH IN THE ENERGY SECTOR

Venue: Universe

SESSION DESCRIPTION:

The keynote session aims to explore the vital role of youth in the energy sector. It will focus on the priorities and vision for the South African Presidency, with a special emphasis on ensuring energy access across Africa and empowering youth as the next generation of energy leaders. The session will provide a platform to discuss innovative strategies, partnerships, and policies that can enhance youth engagement and mobilize their energy action to drive sustainable development in the region.

The session will stimulate interactive discussions among participants, encouraging them to share their insights, experiences, and recommendations on the role of youth in the BRICS energy agenda. The discussions will delve into the challenges and opportunities for youth in energy, the importance of cross-sectoral collaboration, and the potential for sustainable energy solutions in Africa.

? QUESTIONS FOR DISCUSSION:

1. What are the key energy priorities of the South African BRICS Presidency, and how can youth contribute to achieving these priorities, particularly in ensuring energy access across Africa?
2. How can South Africa and other BRICS countries empower youth to actively participate in decision-making processes, innovation, and implementation of sustainable energy solutions?
3. How can the African government implement the Just Energy Transition

⚙️ KEYNOTE AND MODERATOR:

Mr. Jacob Mbele, Director General of Mineral Resources & Energy, Republic of South Africa

👤 PANELISTS:

- **Ms. Mvumikazi Vimbani**, Electricity Policy, Department of Mineral Resources & Energy (DMRE)
- **Mr. Bonga Makhanya**, Chairperson, South African Youth Economic Council (SAYEC)
- **Ms. Joice Mendez**, United Nations Secretary General's Youth Advisor for Climate Change
- **Mr. Arijit Sengupta**, Director, Bureau of Energy Efficiency, Ministry of Power, Government of India (online)
- **Ms. Tatiana Rumiantseva**, Project Director, Directorate of Information Modeling in Energy Sector, Russian Energy Agency

10.30am – 11.00am

PHOTO SESSION/ COFFEE BREAK/ NETWORKING

11.00am – 12.30pm

THEMATIC SESSION 1:

Venue: Venus

YOUTH-DRIVEN SOLUTIONS TO ENSURE ENERGY ACCESS IN AFRICA

SESSION DESCRIPTION:

Access to clean energy is still a problem in Africa as 600 million Africans have no access to clean and reliable energy and more than 900 000 million households have no access to clean cookstoves.

In Africa, 2.6 billion people rely on solid fuels for cooking, which comes at significant health and social costs that disproportionately impact women and children. Most of them live in sub-Saharan Africa, in the world's poorest and most remote communities. A lack of access to clean technologies and fuels for cooking directly impacts a third of the world's population.

In 2022, The BRICS Youth Energy Agency launched the Global Partners Network to support youth-led action in a coalition with businesses and other stakeholders. Today's youth have become a source of game-changing solutions in the energy sector that define pathways for the development of the energy market by introducing cleaner energy technologies or decreasing the carbon footprint.

In cooperation with financial institutions, government, and major business stakeholders, young people can lead on the solutions and make sure that Africa has access to sustainable and modern energy.

The session focuses on what young people can do as entrepreneurs to tap into the business opportunities that the energy sector presents. Localization of technology is key to the industrialization of the sector and ensuring that it contributes to job creation and industrialization of African economies.

? QUESTIONS FOR DISCUSSION:

1. How can young business people in Africa take advantage of the potential in the energy sector to address the issue of their communities' lack of access to safe and dependable energy?
2. What are the main difficulties that young business people must overcome in order to enter the African energy market, and how can these challenges be addressed?
3. How might the localization of technology in the energy sector help the industrialization of African countries and the development of jobs? What tactics can young businesspeople use to support localization and guarantee sustainable growth?
4. How can youth-led initiatives and collaborations with governments, financial institutions, and significant industry stakeholders be promoted to assist and scale up the activities of young entrepreneurs in the energy sector?
5. What particular actions may be taken to promote cooperation and make financing and resources more accessible?

⚙️ MODERATOR:

Prof. Roula Inglesi-Lotz, Energy Economics, University of Pretoria

🗂️ GUEST SPEAKER:

Mr. Niveshen Govender, CEO, South African Wind Energy Association (SAWEA)

👤 PANELISTS:

- **Mr. Tshibvumo Sikhwivhilu**, CEO, Lamo Solar
- **Mr Lawrence Mthembu**, Manager Mining, Metals, Infrastructure & Energy Division, Industrial Development Corporation, IDC
- **Prof. Josephine Musango**, University of Cape Town (online)
- **Ms. Palma Maluleke**, Chief Engineer, City Power
- **Mr. Oleg Spoyalov**, Communications Manager, Rusatom International Network
- **Mr. Humphrey Willie Mrema**, Youth Ambassador for Policy Advocacy, Tanzania Renewable Energy Association (TAREA)
- **Mr. Pritam Biswas**, Engineers India Limited Manager, Electrical Department, Energy Transition projects

11.00am – 12.30pm

THEMATIC SESSION 2:

Venue: Earth

EMPOWERING GIRLS IN STEM

SESSION DESCRIPTION:

More girls need to be engaged and empowered to be the next generation of energy leaders for Africa and BRICS countries. These include attracting them into the STEM professions to accelerate energy innovation and progress.

Young women constitute about 30% of workers in the energy engineering and management of the global workforce, and in BRICS countries, it is even less than that. Investing in the promotion of STEM professions among younger women contributes to the gender balance and increases the overall number of professionals who further contribute to engineering, IT, energy, and science, allowing women to be employed in the fields of energy sector.

BRICS member countries support gender mainstreaming in the energy sector, and empowering and supporting girls in the energy sector is now an imperative.

? QUESTIONS FOR DISCUSSION:

1. What are available programmes to promote STEM in energy among girls in BRICS countries?
2. How can these programmes better meet the current generation's expectations about STEM professions?
3. Are BRICS countries different in the girls' engagement in STEM?
4. Does intergenerational mentoring for women really help? Has the vision for women's engagement changed in the past decade?

MODERATOR:

Ms. Kalnisha Singh, Director: WeConnect

GUEST SPEAKER:

Ms. Elsie Pule, Group Executive, Human Resources, Eskom

PANELISTS:

- **Ms. Elizabeth Marabwa**, Chief Director: Mineral Resources & Energy, Republic of South Africa
- **Ms Lomille Modiselle**, Chairperson, Association of Municipal Electricity Utilities Southern Africa (AMEU) Women in Electricity
- **Ms. Amira Bilqis**, Co-Founder, Youth for Energy South-East Asia (Indonesia)
- **Ms. Icoana Laís Leitão Mascarenhas Martins**, Observatório Latino-Americano da Geopolítica Energética
- **Ms. Milana Ozerina**, International Training Specialist, Rosatom Technical Academy, Ambassador WiN Russia

12.30pm – 1.30pm

LUNCH BREAK

1.30pm – 3.00pm

THEMATIC SESSION 3:

Venue: Venus

ENSURING A JUST ENERGY TRANSITION IN AFRICA THROUGH INNOVATIVE EDUCATION AND TRAINING

SESSION DESCRIPTION:

The demands of the new global energy map provide a rare strategic opportunity for Africa to galvanize its Agenda 2063 for an “Africa We Want” by supporting economy-wide energy transitions that are just, equitable and leave no corner of the continent behind while considering the social and economic needs and aspirations of the African population.

This is significant given the number of Africans who still lack access to energy.

According to IEA World Energy Outlook (2018), 13% of the total global population has no access to electricity, mostly in Africa and South Asia. In sub-Saharan Africa, the number is even higher, which is 57%.

Africa’s Continent is endowed with vast natural resources, which have the potential to drive the region to universal access while reducing the carbon footprint. Yet Africa is the continent that is most vulnerable to climate change and its impacts while being one of the lowest levels of access to energy in the world.

A just energy transition to a low-carbon economy cannot be achieved if energy poverty is not reduced and if access to energy keeps rising.

Africa and BRICS Countries recognize that attaining a just, equitable, and fair transition will require governments, businesses, labor, civil societies, and youth to play a key role not only in implementing the energy transition but also in shaping how it will unfold.

The session focuses on a just energy transition trajectory for Africa and BRICS at large. Young people will deliberate on how innovation & technologies can help countries to transit to cleaner and sustainable energy; and how BRICS and Africa Countries can embark on JET without leaving anyone behind.

? QUESTIONS FOR DISCUSSION:

1. Why is energy transition different for Africa?
2. What education and training should look like to accelerate innovation in Africa?
3. What BRICS solutions can be drawn to contribute to the just energy transition through skills training and education?
4. How can youth take the lead on making changes to education in the energy sector to motivate and attract younger people to the energy sector?

⚙️ MODERATION:

Ms. Rosalind Dos Santos, Group Energy Manager, Mpact Ltd

👤 PANELISTS:

- **Mr. Thebe Mamakoko**, Specialist, Climate Change, DMRE
- **Ms. Aradhna Pandurum**, Research Lead, Council for Scientific and Industrial Research (CSIR)
- **Mr. Emolot Allan David**, Chairperson, AfCFTA Youth Advisory Council
- **Mr. Shepherd M. Nyambe**, President, Future Africa International Namibia Unam Society - University of Namibia
- **Mr. Artur Reznik**, Chief Specialist, Rosatom in Egypt

1.30pm – 3.00pm

THEMATIC SESSION 4:

Venue: Earth

LOW CARBON ECONOMY JOB OPPORTUNITIES FOR YOUTH

SESSION DESCRIPTION:

One of the critical issues for Africa is youth employment. The shift to a green economy could create 24 million new jobs globally by 2030, according to recent reports by the International Labor Organization. The energy sector might accommodate a half of them if it stays innovative and attractive for the current generation.

The focus on green jobs with flexible schedules for young people have become crucial in the COVID-19 post-pandemic era, and this puts employers in completely transformed conditions.

The on-going energy transition has also affected the jobs market and restructured the demand for young professionals who are required to possess new skills and adjust to the changing market conditions.

As the BRICS Energy Research Cooperation Platform is producing the BRICS Energy Transition Skills Report, this session creates a space for BRICS youth to bring forward their demands and suggestions for fostering youth employability in green jobs and articulate skills that the future of energy needs

? QUESTIONS FOR DISCUSSION:

1. How can the energy industry transform the labour market in Africa?
2. What solutions can BRICS countries bring to Africa to mild the youth employment crisis?
3. What are the skills needed for the energy transition?
4. How can youth become proactive in creating the jobs they want together with businesses?

MODERATION:

Ms. Adriana Sierra Leal, Technical Officer in Market Systems Development, International Labour Organization

GUEST SPEAKER:

Ms. Mpho Mookapele, Chief Executive Officer, Energy and Water Sector Education and Training Authority (EWSETA)

PANELISTS:

- **Mr. Sven Pietrangeli**, Operations Manager, South African Renewable Energy Technology Centre (SARETEC)
- **Dr. Silas Mulaudzi**, Specialist, Sustainable Energy, South African Local Government Association (SALGA)
- **Ms. Wendy Poulton**, Secretariat, South African BRICS Business Council
- **Ms. Renata Faizova**, Sustainability Programs Officer, Rosatom Corporate Academy
- **Mr. Mogale Modisane**, Senior Engineer, Engie Renewable Global Business Unit

3.00pm – 3.30pm

COFFEE BREAK

3.30pm – 4.30pm

THEMATIC SESSION 5:

Venue: Venus

THE SDG7 ENERGY ENABLERS: CRITICAL MINERALS AND CIRCULAR ECONOMY

SESSION DESCRIPTION:

The global energy transition is characterized by an accelerated rate of clean technologies deployment to help mitigate the adverse effects of climate change by reducing carbon emissions.

Yet, manufacturing more green energy technologies requires an ever-growing amount of critical minerals, among which there is lithium, cobalt, nickel, and manganese. Despite being used to produce “clean” technologies, the extraction and processing of critical minerals remains a highly unsustainable practice and is associated with significant environmental implications.

On the end-of-life side, low-carbon energy technologies generate excessive streams of waste which contain metals that can be recuperated and reintroduced in the production cycle, thus reducing the need of extracting more.

As of now, circularity remains one of the most promising solutions to curbing pollution and easing pressure on the environment where extraction and disposal take place.

At this session, delegates will learn about the impact of sourcing critical minerals needed for the energy transition and whether the existing negative effects could be removed through enhancing circular practices along the clean energy value chain.

? QUESTIONS FOR DISCUSSION:

1. What is the interplay between accelerating the energy transition and sourcing more critical minerals?
2. What is the environmental impact of extracting critical minerals?
3. How can we ensure sustainability along the clean energy value chain to make sure that it is not just the end user who benefits from the transition?
4. Can the circular economy be the solution to critical minerals depletion and waste management?
5. How can we integrate circularity across the whole clean energy industry?

⚙️ MODERATION:

Dr. Nandi Malumbazo, Senior Lecturer & Researcher Clean Coal technology, Wits University



PANELISTS:

- **Dr. Mpho Ledwaba**, Post-Doc Fellow, Hydrometallurgy Division, Mintek
- **Ms. Yuhan Zheng**, Member, UNECE Resource Management Young Member Group
- **Ms. Sharon Mogomotsi**, Director: Hazardous Waste Management & Licensing, Department Forestry, Fisheries & Environmen (DFFE)
- **Prof. Nikki Wagner**, Geology Department, University of Johannesburg (UJ)
- **Mr. John Youhanes Nhial Magok**, Expert on Minerals Resources Development, African Union Commission
- **Mr. Fabrice Kaburugutu**, Founder and CEO, Association of Young Leaders United for Sustainable Development, AJLUDD
- **Mr. Benjamin Mwinga**, Director, BOONGO Mining and Logistics Limited

3.30pm – 4.30pm

THEMATIC SESSION 6:

Venue: Earth

THE SDG7 ENERGY ENABLERS: FOOD SYSTEMS

SESSION DESCRIPTION:

Climate change, pollution, and biodiversity loss disproportionately affect the food systems we rely on and our capacity to feed the world. Sustainable food systems get disrupted due to land degradation, water scarcity, and mismanagement of resources.

Meanwhile, energy can play a crucial role in enabling sustainable agrifood systems through its multiple applications: clean cooking can help solve the issue of unhealthy diets while improving energy access of individual households, especially in remote and rural areas. Clean cooling may contribute to reducing food loss through making harvested produce last longer and be stored in appropriate conditions.

The interplay between clean energy and food systems is also a cross-cutting sustainability issue as it impacts the ability of local communities, especially children, youth, and women, to actively participate in achieving the SDGs.

At this session, delegates will learn about the current challenges in agrifood systems transformation and what role clean energy can play in enabling more resilient and sustainable food.

? QUESTIONS FOR DISCUSSION:

1. What is the agrifood landscape in BRICS countries?
2. Which challenges exist in ensuring sustainable food systems in developing countries?
3. How can the clean energy transition benefit the resilience of agrifood systems?

4. What is the role of clean cooking and clean cooling systems in ensuring accessible and healthy diets?

MODERATION:

Mr. Victor Muiru, Head of Localization, World Food Forum

GUEST SPEAKER:

Ms. Anele Simon, Secretary-General, AfCFTA Youth Advisory Group

PANELISTS:

- **Ms. Amina Ali**, Group Project Coordinator, Energ-G-Africa
- **Mr. Gibson Kawago**, Founder of WAGA and UN Young Leader for SDGs
- **Ms. Athira Aji**, Agrifood Youth Expert
- **Mr. Kalvince Otieno**, Energy Director, Agrotech Plus
- **Ms. Karen Wang**, UN Youth Leader for SDGs (online)
- **Ms. Leo Castro**, Nutrition Officer, UNICEF South Africa
- **Mr. Ricardo Bernhard**, Head of Trade Promotion and of Science, Technology and Innovation, Brazilian Embassy in Pretoria

3.30pm – 4.30pm

THEMATIC SESSION 7:

Venue: Titan

INNOVATION AND COOPERATION FOR MODERN NUCLEAR TECHNOLOGIES

SESSION DESCRIPTION:

Reaching sustainable development and implementing climate commitments worldwide requires new modern technologies which empower communities to act. To harness scientific progress and ensure net-zero achievement, new opportunities arise in the field of nuclear technologies. They range from conventional energy applications to innovative medicine to food preservation and water purification.

Advancing research in nuclear technologies also requires a new skill set and extensive cooperation to ensure a safe technology transfer and prepare savvy workforce. Small modular reactors, floating nuclear power plants, and a closed nuclear fuel cycle are just some of the myriad of solutions that emerge on the energy scene.

To adapt to the pace of current technological change, the nuclear industry relies on innovations in all streams of action.

In this regard, it is also essential to opt for new engaging educational formats that enable the younger generation to shape a better understanding of the opportunities and technicalities that underpin the energy transition where nuclear energy plays a major role.

? QUESTIONS FOR DISCUSSION:

1. Which nuclear technologies are the most promising in fighting climate change?
2. What are the main areas for cooperation in nuclear energy?

3. What are the innovative educational formats for the younger generation to know nuclear better?
4. How can youth get engaged in nuclear technologies research and development?

MODERATION:

Mr. Emmanuel Montwedi, Executive Chairperson, South African Young Nuclear Professional Society (SAYNPS)

GUEST SPEAKER:

Ms. Natalia Dolgacheva, Lead, ATOMICOS Educational Project

PANELISTS:

- **Mr. Raphael Chebosion Chesori**, President, African Young Generation in Nuclear
- **Mr. Gaopalelwe Santswere**, Senior Scientist, South African Nuclear Energy Corporation (Necsa)
- **Ms. Mariia Voznesenskaya**, Manager, Nuclear Decommissioning, TVEL
- **Mr. Sonwabile Baklei**, Senior Technician, Eskom Koeberg
- **Ms. Anastasiia Muss**, Project Lead, International Business Development Office, Science and Innovations JSC

4.40pm – 5.40pm

THEMATIC SESSION 8:

Venue: Venus

ENHANCING BRICS YOUTH ENERGY COOPERATION AT GLOBAL DECISION-MAKING FORA

SESSION DESCRIPTION:

BRICS countries are the powerhouse of global energy development, and their coordination at global decision-making forums has a great role to play in reshaping energy, climate, and environmental policies.

In this context, young people from the BRICS countries have a significant potential to influence global decisions by providing their common vision for the future of energy.

Moreover, such cooperation at multilateral platforms can reinforce the position of the Global South as a whole as BRICS countries lead the energy agenda in their respective regions and thus promote well-balanced common approaches to better reflect the realities and needs of developing countries.

Yet, systemic and consistent cooperation of BRICS youth at global forums remains a rather ad-hoc activity whose potential is still untapped.

At this session, delegates will learn about key global decision-making platforms and explore how BRICS youth could work closely together to promote their approaches to tackling the most challenging issues in energy, climate, and sustainability.

? QUESTIONS FOR DISCUSSION:

1. What are the main decision-making platforms in energy and climate?
2. Which energy themes hold the most potential for BRICS youth to cooperate on?
3. Which cooperation platforms can BRICS youth use to promote their joint vision?
4. What are the barriers and options to step up such cooperation?

MODERATION:

Mr. Vitor Rissatti, Researcher, Latin-American Observatory of Energy Geopolitics at UNILA (Federal University for Latin American Integration)

GUEST SPEAKER:

Mr. Daniel Obal, Senior Presidential Aide in charge of Youth Affairs to His Excellency the President of Uganda

PANELISTS:

- **Ms. Lorraine Ngwenya**, Chief Director, Department of Mineral Resources & Energy (DMRE)
- **Ms. Akhona Xotyeni**, Researcher, Rabia Transitions and G20 Youth Delegate of South Africa in 2022
- **Ms. Jitsai Santaputra**, Co-Founder, Youth for Energy South-East Asia
- **Mr. Hasan Awad**, Research Assistant, Climate Change and Natural Resources Sustainability, UN ESCWA
- **Ms. Manal Bidar**, Communication Lead, UNCCD Youth Caucus



4.40pm – 5.40pm

THEMATIC SESSION 9:

Venue: Earth

EMERGING GREEN HYDROGEN OPPORTUNITIES

SESSION DESCRIPTION:

Green hydrogen will play a crucial role in the energy transition. Green Hydrogen is required as a fuel for energy-intensive operations that cannot be made to run on electricity such as the manufacturing of steel, fertilizer, and several chemical compounds are a few examples, as well as the aviation and shipping industries. Unlike fossil fuels, when hydrogen is burned, it generates only water as a byproduct, meaning no harmful greenhouse gas emissions. For this reason, it is an attractive fuel for the future.

Investing in the hydrogen economy brings major opportunities to the region. It could lift local industry and create new jobs because of the operation and, in some cases, manufacture of the equipment for solar and wind farms, electrolyzers, pipelines, and desalination units and for the conversion of hydrogen into derivatives such as ammonia and methanol that can be transported more easily. The study by the Department of Science and Innovation, Bambili Energy, and Engie revealed there are multiple benefits that the hydrogen value chain could help unlock, including adding more than \$3.9bn to the country's GDP by 2050 and creating more than 14,000 jobs per year.

Africa's abundant sun exposure means that the continent could become a reliable source of renewable energy and thus a valuable player in global Green Hydrogen energy value chains.

Furthermore, Africa's potential to become a key hub for Green Hydrogen production is underpinned by its geographic competitive advantage, well-established regional power pools, and the movement towards free trade in goods and services under the African Continental Free Trade Agreement.

In South Africa, Green Hydrogen is identified as one of the priority areas to support the economy of the future, together with New Energy Vehicles and the Electricity Sector, in the Just Energy Transition Investment Plan. Sasol has announced partnerships with different companies to push Green Hydrogen Research and development and opportunities, just to mention a few.

The session focuses on the Green Hydrogen economy as a new sector and the opportunities it presents to young people. In Africa and BRICS Countries.

? QUESTIONS FOR DISCUSSION:

1. What are the opportunities that Green Hydrogen presents in Africa and BRICS Countries?
2. What are Green Hydrogen Value Chain outlines?
3. What are the requisite skills needed for young people to participate in the sector, who offer them and are there any opportunities to acquire those skills?

⚙️ MODERATION:

Dr. Rethabile Melamu, CEO, South African Photovoltaic Association (SAPVIA)

👤 PANELISTS:

- **Ms. Nomthandazo Mabena**, Researcher, Council for Scientific and Industrial Research (CSIR)
- **Prof. Prathaban Moodley**, General Manager, Applied Energy Research, Development and Innovation, SANEDI
- **Ms. Luana de Souza Gaspar**, Head of Decarbonization and ESG, PSR
- **Mr. Mlungisi Plaatjies**, Brand Ambassador, Hydrogen Africa

6.30pm – 8.30pm

GALA DINNER

PROGRAMME DIRECTOR:

Mr. Justin Daniel, CFO, National Radioactive Waste Disposal Institute (NRWDI)

OPENING REMARKS:

Mr. Mthokozisi Mpofo, Deputy Director General, Department of Mineral Resources & Energy, Republic of South Africa

GALA DINNER SPEECH:

Dr. Nobuhle Nkabane, Deputy Minister of Mineral Resources & Energy, Republic of South Africa

HANDOVER CEREMONY OF THE SUMMIT TO 2024: DEPARTMENT OF MINERAL RESOURCES & ENERGY TO RUSSIAN DELEGATION IN THE PRESENCE OF BRICS YOUTH ENERGY AGENCY:

Dr Nobuhle Nkabane, Deputy Minister of Mineral Resources & Energy, Republic of South Africa

REMARKS:

HE Yakovlev Vladimir, Charge d'Affairs, Russian Embassy in South Africa

CLOSING REMARKS:

Ms. Yvonne Chetty, CFO, Department of Mineral Resources & Energy South Africa.

8.30pm – 9.00pm

DAY 1 END AND TRANSFER TO THE HOTEL



8.40am

DAY 2 STARTS

9.00am – 10.00am

V BRICS YOUTH ENERGY OUTLOOK: NEW VISION 2023

SESSION DESCRIPTION:

This session will mark a new vision for the BRICS Youth Energy Outlook, which has been published in 4 editions since 2015 while managing to keep up with the changing energy and climate landscape. We will celebrate the legacy of the project and explore how the upcoming 5th edition of the BRICS Youth Energy Outlook should take shape.

The Outlook will continue to provide a platform for young researchers from BRICS countries to share their findings and best practices on energy trends, challenges and prospects for the future. The BRICS Youth Energy Agency has actively engaged young professionals and universities from the BRICS community to contribute to the research, resulting in a comprehensive and youth-driven perspective on the energy landscape.

Our aim is to navigate the energy transition in a changing world, driven by the critical science-driven vision of the younger generation. At the session, young researchers from across BRICS will share their experiences from past editions and shape vision for the Outlook by integrating the Outlook legacy into new areas for improvement and ways to enhance the impact of the report.

This session will also highlight the significance of youth-driven insights in shaping energy policies for emerging economies.

As we gather to discuss best practices and areas for improvement in South Africa, we will build upon the success of the previous reports, including the presentation of the last edition at the UN Conference on Climate Change (COP27) at the SDG7 Pavilion in Sharm El Sheikh, Egypt.

Together, let's embark on a journey towards a more sustainable and energy-efficient future, driven by the innovative ideas and vision of the BRICS youth community.



MODERATOR:

Mr. Alexander Kormishin, Chairperson, BRICS Youth Energy Agency



PANEL:

- **Mr. Bruce Roberto Scheidl Campos**, Researcher, BRICS Studies Centre, Brazil
- **Mr. Amandeep Singh Oberoi**, Assistant Professor, Thapar Institute of Engineering and Technology, India
- **Mr. Shubham Agarwal**, Project Manager, Oil and Natural Gas Corporation (ONGC), India
- **Ms. Kamogelo Christinah Sehoole**, Researcher, University of South Africa (UNISA)
- **Mr. Teslim Mohammed Yusuf**, General Manager: Energy Efficiency, South African National Energy Development Institute
- **Dr. Kayode Emmanuel Adetunji**, Postdoctoral Research Fellow, University of the Witwatersrand, South Africa

10.00am – 11.00am

**PRESENTATION OF THE JOINT YOUTH DECLARATION
OF THE V BRICS YOUTH ENERGY SUMMIT**

Youth delegates to present and share their vision for BRICS energy cooperation, energy access, and security in BRICS and Africa informed by fruitful discussions throughout the Summit/ Youth delegates to be presenting key messages from the Joint Youth Declaration

MODERATOR:

Mr Jacob Mbele, Director General, Mineral Resources and Energy

PRESENTERS:

TBC during the Declaration final discussion

11.00am – 11.30am

TEA BREAK

11.30am – 12.00pm

DEPARTURE TO THE TECHNICAL SITES

12.00pm – 3.00pm

GUIDED VISIT TO THE TECHNICAL SITE

3.00pm – 4.00pm

TRANSFER BACK TO THE VENUE/ HOTEL



All day

CHECK-OUT FROM THE HOTEL AND DEPARTURES

HOSTS & PARTNERS



mineral resources
& energy
Department:
Mineral Resources and Energy
REPUBLIC OF SOUTH AFRICA



THANKS TO



ROSATOM



sonedi



DEVELOPMENT BANK OF SOUTHERN AFRICA



SAWEA

