

WINS Roundtable on Security-Radiotherapy Collaboration

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  **SUSTAINED DIALOGUE**
  **ON PEACEFUL USES**



Introducing the Team



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Introducing the Structure

- Funded by US Department of State and UK Department for Energy Security and Net Zero
- Implemented by CRDF Global
- Operates in close coordination with the International Atomic Energy Agency



Department for
Energy Security
& Net Zero



CRDFGLOBAL



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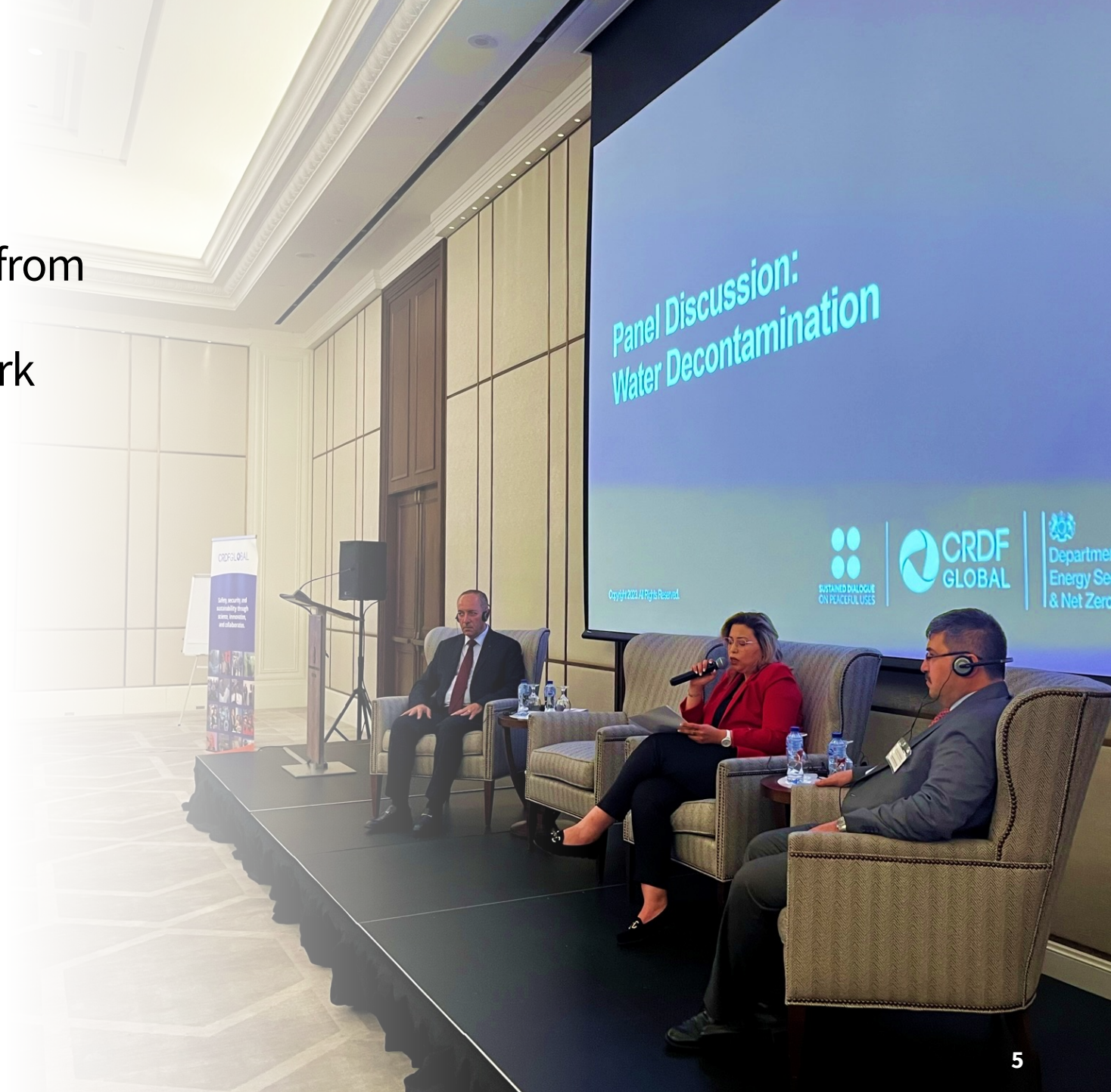
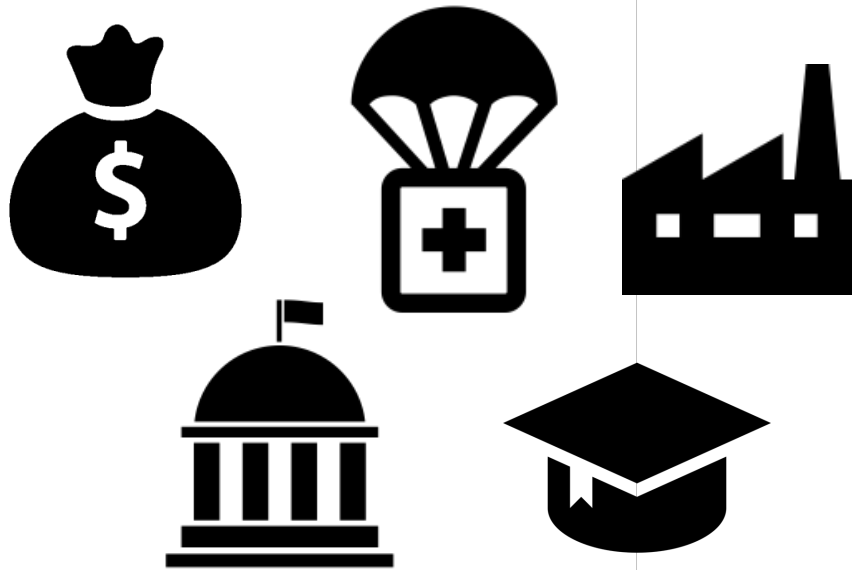
Introducing the SDPU

- **THE ISSUE:** barriers remain to nuclear science and technology as a tool for international development, especially among LMICs



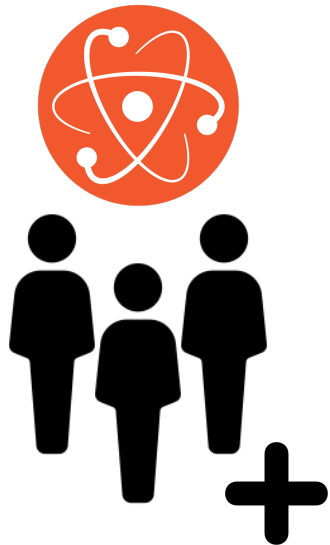
Introducing the SDPU

- **THE STRATEGY:** convene individuals from diverse backgrounds in workshops, consultations, and webinars to network and brainstorm solutions at all scales



Introducing the SDPU

- **THE OUTCOME:** expanded network of stakeholders knowledgeable of and benefiting from peaceful nuclear science and technology; ability to connect project ideas with existing funding opportunities



Introducing the SDPU

- **THE IMPACT:** progress towards UN SDGs by expanding access to nuclear technology



Our Approach to Progress

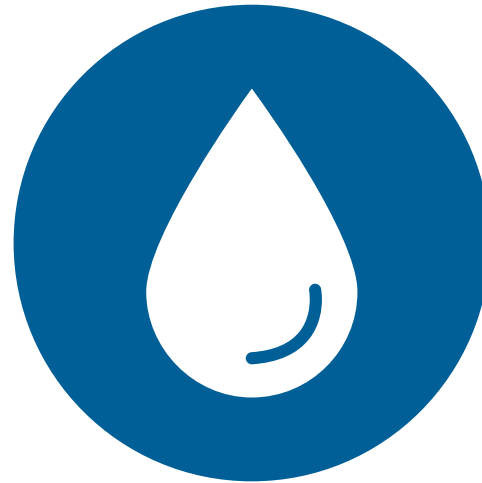
- SDPU activities are **participant driven** and structured around their priorities
- SDPU events are designed to feature **technical discussions** with tangible, actionable outputs
- The SDPU strives to **complement and amplify** the work of the IAEA, not duplicate existing efforts
- Experience in nuclear science is not required to participate

Concentrations Within the SDPU



Food

Livestock management, food safety and quality, plant breeding, pest control, climate-smart agriculture, soil fertility, nutrition



Water

Water resource management, water quality, freshwater monitoring, waste reduction, paleo-climatic archives, pollution tracking



Health

Cancer care, infectious disease detection and prevention, medical diagnostics, nutrition assessment

SDPU Activities to Date

- **Various Locations** | SDPU Events on Sustainable Financing for Women's Health and Economic Empowerment
- **Amman, Jordan** | Workshop Series on Water and Resource Management Using Isotopic Techniques in the Middle East and North Africa
- **Accra, Ghana** | Workshop Series on Improving Access to Radiation Medicine in West Africa
- **Vienna, Austria** | SDPU Side Event at the NPT 2023 Preparatory Committee Meeting





The Look Ahead

- **Dakar, Senegal** | SDPU Side Event at AORTIC 2023 Conference in Senegal
- **Kathmandu, Nepal** | SDPU Consultation Visit with NDRI Improving Food Security and Safety
- **Manila, the Philippines** | Workshop Series on Food Safety and Security Using Nuclear Technology in Southeast Asia
- **Latin America (TBD)** | Regional Workshop on Food Security and Safety
- **Geneva, Switzerland** | SDPU Side Event at the NPT 2024 Preparatory Committee Meeting
- **And more to come!**



A Look at Ghana

Objective: Expand Access to Radiation Medicine for Cancer Care in West Africa

Stakeholder Sectors Engaged

Academia	Regulator Agencies
Government	Research Institutions
NGOs/IGOs	Equipment Manufacturers
Healthcare Institutions	Professional Associations

Key Areas of Focus

- 1) Equipment maintenance
- 2) Patient workflow
- 3) Rural area access

Workshop series results to be socialized at AORTIC in Senegal this November

Reflecting on Serving Diverse Stakeholders

- Bridging sectors is invaluable
- Communicating technical information is a challenge
- Inclusivity is a moving target



Thank You

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