GNSSN INTER-REGIONAL NETWORKS COOPERATION

SC MEMBERS REQUEST TO INCLUDE THE NORM AND URANIUM LEGACY TOPIC IN THE AGENDA TO RECEIVE INFORMATION FROM IAEA AND MEMBER STATES CASE STUDIES;

AN INTERREGIONAL PROJECT "REMEDATION AND MANAGEMENT OF NORM AND URANIUM LEGACY" ON THE WAY TO BE ESTABLISHING WITHIN GNSSN

NETWORKS AND ORGANISATIONS TO PARTICIPATE
- Regional Networks: ANNuR, FNRBA, EuCAS, GNSSCOM, FORO AND ANSN
- Other IAEA Networks: ENVIRONET, CGULS, RSLS, TSOF
- Other Organisations Having Interest In Subject: EC, EBRD, NEA-OECD...
MS Needs?

Many countries have challenges linked to NORM industries:

- Uranium mining and milling
- Fossil fuel power stations
- Oil and gas extraction
- Metal processing
- Phosphate industry
- Titanium oxide pigment production
- Zirconium and rare earth processes
- Cement production

A global challenge!

“Take concrete actions in order to cover Member State needs and start work on first joint project/organize joint workshop on priority topic - NORM and Uranium legacy management”

Summary report of 19th GNSSN Steering Committee Meeting, February 2023
Regional IAEA networks:
- Arab Network of Nuclear Regulators (ANNUR)
- Forum of Nuclear Regulatory Bodies in Africa (FNRBA)
- Ibero-American Forum of Radiological and Nuclear Regulatory Bodies (FORO)
- Asian Nuclear Safety Network (ANSN)

Other IAEA networks
- Network of Environmental Management and Remediation (ENVIRONET)
- Regulatory Forum for Safety of Uranium Production and NORM (REGSUN)
- Uranium Mining and Remediation Exchange Group (UMREG)
- Coordination Group for Uranium Legacy Sites (CGULS)
- European and Central Asian Safety Network (EUCAS)
- International Working Forum on Regulatory Supervision of Legacy sites (RSLS)
- Technical and Scientific Support Organization Forum (TSOF)
- Global Nuclear Safety and Security Communication Network (GNSSCOM)

Other international organisations
- World Health Organisation (WHO)
- Food and Agricultural Organisation (FAO)
- European Commission (EC)
- European Bank for Reconstruction and Development (EBRD)
- Nuclear Energy Agency (NEA-OECD)

We need a coordination group just to control the acronyms!
OBJECTIVES

➢ Exchange experience and share suggestions to help Member States to deliver on the IAEA Safety Standards in the management and regulation of NORM, including Uranium and other Legacies

➢ Preparation of recommendations for future development of international cooperation on regulation of NORM

➢ Provide practical suggestions for projects designed to tackle common challenges faced in NORM management and regulation

Supported by integrated and coordinated inputs from existing programs and networks
WIDER CHALLENGES WITH NORM MANAGEMENT

➢ Unclear waste classification for NORM
➢ Very large volume or poorly characterized material
➢ Multiple hazards: radiological, chemical, physical
➢ Lack of clear ownership or responsibility
➢ Lack of resources at all levels of management
➢ Complex communication process with stakeholders

Well understood and reported through the separate forums!

But finding a solution is very complex!!
Share Case Studies of range of challenges in different circumstances
Share experience in resolving the challenges
Identify the common issues that remain to be resolved
Identify where greater flexibility could be advantage to allow unique solutions where circumstances are unique
Promote balanced and proportionate risk management across all hazards
Provide feedback to on-going IAEA and other international programs with focus on cross-cutting issues: all to avoid creation of new legacies

Prepare report in a timely manner, covering the workshop presentations, discussions and the developed recommendations
Workshop to support coordination of next steps

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