IAEA
International Atomic Energy Agency
Atoms for Peace and Development

RemPlex Global Summit on Environmental remediation





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Environmental Remediation: a challenging and complex task facing many countries

FIRST OF A KIND

LEARNING MODE

INDUSTRIAL MODE

Challenges
- **Still many Unique situations**
- **Scale Up**



Opportunities
- **Efficiency**
- **Simple can be best**

2001 2021 2031 2041 2051


CONNECT
with peer networks and resource hubs
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CONNECT - a Topic Gateway to many resources

Member have many benefits such as access to:



TRAINING MATERIAL AND COURSES, INCLUDING E-LEARNING MODULES AND WEBINARS;



MATERIAL PRESENTED AT IAEA WORKSHOPS, TRAINING COURSES, SCIENTIFIC VISIT



SHARED EXPERIENCES AND LESSONS LEARNED, BEST PRACTICES, WIKI AND OTHER RESOURCES



COLLABORATIVE DEVELOPMENT OF GUIDANCE DOCUMENTS, PROCEDURES AND TRAINING MATERIALS

Enabling the sharing of experience and information among its networks, this resource hub facilitates the growth of your professional community.

ENVIRONET Scope

- **Life-Cycle Management of current and future operations, including**
  - Nuclear fuel cycle facilities, including cleanup during decommissioning
  - Uranium mines and processing facilities
  - NORM-generating facilities
  - Other radiological facilities
- **Legacy Sites, including**
  - Closed uranium mines and processing facilities
  - Closed NORM-generating facilities or sites
  - Land contaminated by nuclear and radiological accidents/incidents
  - Orphaned radiological sites
- **Environmental contamination: soils, sediments, groundwater (not buildings)**
- **Remediation actions (not waste disposal or facility decommissioning)**
- *Not included in the scope of ENVIRONET:*
  a. Emergency response actions
  b. Dismantling of buildings and other physical structures (e.g., hot cells, reactors) (addressed in IDN)
  c. Operational radioactive waste storage and disposal activities/facilities (addressed in DISPONET)

ENVIRONET Regional Working Groups

Regional Working Groups (RWGs)

- Established to facilitate greater connectivity between Member States within regions:
  - Remediation challenges are often similar within a given region.
  - Opportunities may exist to leverage existing regional/national networks and projects.
  - More cost-effective to organize workshops, training courses, conferences, etc. at a regional level.

Region	Regional Coordinator	Country
Africa	Obusitse John Pule Dennis Mwalongo	South Africa United Republic of Tanzania
Asia and the Pacific	Tim Payne Dadong Iskandar	Australia Indonesia
Europe	Maria de Lurdes Dinis Dmitri Bugai	Portugal Ukraine
Latin America and the Caribbean	Flávia Borges Roberto Suarez Alvarado	Brazil Mexico

Decommissioning and Environmental Remediation: an Attractive Proposition for a Smart Workforce

Decommissioning and Environmental Remediation
BE PROUD OF YOUR WORK



Source: http://www.ghostbusters.com/

From "Wastebuster"...



Source: http://cuisinertout.simplement.com/

... To "Green Giant"...

Challenges and Innovation





13 CLIMATE ACTION

Do GOOD: Be Part of the Circular Economy !

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

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Thank you!

Wishing each of you a very fruitful and convivial meeting