



TWG4

Emergency Preparedness and Response

FNRBA Plenary Meeting
23 September 2021

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Contents

- TWG4 Membership
- Achievements 2021
- IAEA regional project collaboration
- Conclusion

TWG4 Membership

- Burkina Faso
- Cameroon
- Cote D'Ivoire
- DR Congo
- Egypt
- Ethiopia
- Ghana
- Kenya
- Mauritius
- Morocco
- Nigeria
- Senegal
- South Africa
- Zimbabwe

14 Countries

- Cooperation, exchange safety standards and regulatory experiences
- Strengthen regulatory emergency preparedness and response on the continent

Information Sharing

- Encouraged members to attend webinars conducted by IAEA
- Shared notifications of 6 webinars in 2021 including:

- New Users of EPRIMS
- Specific Arrangements for an EPC III Research Facility
- Sustainability of EPR framework – EPR Culture
- Exchange of monitoring data: importance of IRMIS (IEComm presentation)

- Exercises to Test Preparedness and Response for a Nuclear or Radiological Emergency
- Preparation of an Assistance Action Plan

TWG4 Meetings

- 17 March 2021 - subcommittee planning of implementation of work plan
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- 24 May 2021 - subcommittee review of deliverables
- 16 July 2021 - subcommittee review of deliverables
- 8 September 2021 – TWG4 meeting on progress and work plan for 2022

Deliverables 2021 work plan

Development and review of Regulatory Body model emergency plans or procedures

Subcommittee: South Africa, Egypt, Zimbabwe, Mauritius

Deliverable

- Drafting of model emergency plan or template that can be used by regulatory bodies

Status

- Draft circulated for TWG4 review, due date September 2021.
- The draft is aligned to the literature study that was conducted in 2020
- The model template will be made available to IAEA IEC for comment

Deliverables 2021 work plan

Database of regulatory experts to support regional CBC's and Expert Missions

Subcommittee: Morocco, Nigeria, Ghana, South Africa

Deliverable

- Development of EPR experts database

Status

- Feasibility study of technology was reviewed by IAEA in May 2021
- TWG4 provided search criteria to IAEA
- The database will be hosted on the GNSSN FNRBA TWG4 webpage
- A meeting with IAEA to discuss and test the prototype is planned for end of September 2021
- Survey forms will be provided to TWG4 countries in October 2021

Deliverables 2021 work plan

Development of Regulatory Body sub-regional emergency plans

Subcommittee: Nigeria, Morocco, Kenya, South Africa, Burkina Faso, Cameroon, Ghana

Deliverable

- Engaged with IAEA on standards and regional plans

Status

- Other literature consulted include draft Mediterranean Maritime, ASEAN and Gulf States regional protocols or plans
- Structure of regional protocol was drafted in accordance with the benchmarking and literature study
- Due date for TWG4 comments is 20 September 2021

Deliverables 2021 work plan

Regulatory Standards

Subcommittee: South Africa

Deliverable

- Arrange/conduct EPR regulations workshop

Status

- Virtual drafting of EPR regulations workshop was discussed with IAEA
- Workshop planned for 2021 or 2022
- Event will be funded by IAEA

Collaboration with IAEA

- Some TWG4 members are Counterparts of IAEA RAF9066 “Strengthening Regional Infrastructures for Effective Preparedness and Response to Radiological Emergencies”
- TWG4 coordinator is Project Scientific Consultant of RAF9066
- RAF9066 Mid-Term meeting was conducted in June 2021
- 3 TWG4 activities included in RAF9066 work plan
 - School of Drafting Regulations workshop for operating organisations (HBA + Virtual) in 2021
 - Regional Workshop on development of Regional Emergency Plans in 2022
 - EPR Embarking workshop and exchange workshop with UAE in 2022
- New EPR regional project was recommended during RAF9066 Mid-Term meeting

Conclusion

- Good progress made with implementation of 2021 work plan
- Work plan for 2022 drafted by TWG4 and provided to IAEA PMO to confirm activities and funding
- Additional activities from donors to be considered for 2022 work plan

**Thank you for
your attention!**