

**Project 3.3.1.3: Radiation protection of workers**

**Rationale:**

**Follow-up on Project specific lessons learned from reviews, assessment, evaluations:**

**Objectives**

- To ensure a global harmonization and optimization of radiation protection of workers due to external exposures and intakes of radionuclides from both artificial (or man made) and natural sources.

<i>Outcomes</i>	<i>Performance indicators</i>	<i>Source of data</i>	<i>Baseline</i>	<i>Target</i>
Establishment and enhancement of radiation protection programmes in the Member States covering all practices involving the use of ionizing radiation and ensuring the monitoring of all occupationally exposed individuals.	New or revised international guidance on radiation protection of workers.	Reports to RASSC as guidance are developed or revised.	Status at beginning of work (2012).	Draft international guidance to support the new BSS.
Main assumption or major factors that might influence the achievement of the outcome above:				

**Main Outputs:** Draft and published safety documents; Expanded and new RP networks; Upgraded and new training packages; Reports and SAT for ORPAS; Expanded ORPNET; Project implementation for TSA2; ISOE Symposium and reports; Data and analysis for ISEMIR

**Ranking:** 1

**Duration:** Recurrent

**Status:** Continuing

**Preceding project:** 3.3.1.1, 3.3.2.2, 3.3.2.6

**Responsible division(s):** NSRW

**Responsible Officer(s):** MA, Jizeng

<i>Activities</i>	<i>Outputs</i>	<b>2012</b>		<b>2013</b>		
		<i>Ways and means of implementation</i>		<i>Ways and means of implementation</i>		
		Scientif. &tech. meetings	Means (other than staff)	Outputs	Scientif. &tech. meetings	Means (other than staff)
<b>Establishing norms and standards</b>						

<i>Activities</i>	2012			2013		
	Outputs	Ways and means of implementation		Outputs	Ways and means of implementation	
		Scientif. &tech. meetings	Means (other than staff)		Scientif. &tech. meetings	Means (other than staff)
1. Develop, review and update safety standards for radiation protection of workers, such as the Safety Guide on Occupational Radiation Protection	Draft safety documents; Safety Documents published	CS	Non-staff Travel; Consultants; Research contracts/agreements; Others	Draft safety documents; Safety Documents published	CS	Non-staff Travel; Consultants; Research contracts/agreements; Others
<i>Providing for the application of standards</i>						
2. Provide technical support to RP networks and maintain integrated networks and establish new networks	Existing Networks expanded and sustainable; New networks created; Liaison with other similar networks		Non-staff Travel; Staff Travel; Communications Expenses ; Contracts for external services; Others	Existing Networks expanded and sustainable; New networks created; Liaison with other similar networks		Non-staff Travel; Staff Travel; Communications Expenses ; Contracts for external services; Others
3. Support capacity building – Update, improve and prepare new training material relating to radiation protection of workers	Upgrading existing training packages; Creating new training packages; Creation of e-learning platform	CS	Consultants; Contracts for external services; Communications Expenses	Upgrading existing training packages; Creating new training packages; Creation of e-learning platform	CS	Consultants; Contracts for external services; Communications Expenses

<i>Activities</i>	2012			2013		
	Outputs	Ways and means of implementation		Outputs	Ways and means of implementation	
		Scientif. &tech. meetings	Means (other than staff)		Scientif. &tech. meetings	Means (other than staff)
4. Organize regional workshops on the implementation of the revised BSS as related to the radiation protection of workers (subject to availability of EB funds)		TM	Consultants; Staff Travel; Non-staff Travel		TM	Consultants; Staff Travel; Non-staff Travel
<b><i>Providing services to Member States</i></b>						
5. Provide Occupational Radiation Protection Appraisal Services (ORPAS missions)	Appraisal reports; Self assessment tool for ORPAS	CS	Staff Travel; Non-staff Travel; Contracts for external services	Appraisal reports; Self assessment tool for ORPAS		Staff Travel; Non-staff Travel; Contracts for external services
6. Providing assistance to regulators and end-users on radiation protection in uranium exploration, mining and milling	Advisory missions; Training materials			Advisory missions; Training materials		
<b><i>Developing methodologies and guidelines</i></b>						
7. Finalize industry-specific safety reports on NORM		CS			CS	

<i>Activities</i>	2012			2013		
	Outputs	Ways and means of implementation		Outputs	Ways and means of implementation	
		Scientif. &tech. meetings	Means (other than staff)		Scientif. &tech. meetings	Means (other than staff)
8. Develop and/or revise safety reports on occupational radiation protection, such as guidance on radiation protection for medical workers, a Safety Report on Radiation Protection issues in lifetime extension of power reactors and safety reports related to radiation monitoring and dosimetry		CS			CS	
<i>Fostering information exchange and establishing databases</i>						
9. Update and maintain the website on RP networks and enhance functionality and interactivity of website	ORPNET expanded and operational		Consultants; Communications Expenses ; Contracts for external services	ORPNET expanded and operational		Consultants; Communications Expenses ; Contracts for external services
<i>Contributing to the TC programme</i>						
10. Provide assistance to MS through TC programmes related to occupational radiation protection (Thematic Area 2 )	Project implementation		Staff Travel; Allocations for internal services; Others	Project implementation	CN	Staff Travel; Allocations for internal services

<i>Activities</i>	2012			2013		
	Outputs	Ways and means of implementation		Outputs	Ways and means of implementation	
		Scientif. &tech. meetings	Means (other than staff)		Scientif. &tech. meetings	Means (other than staff)
11. Develop and support RP policies and strategies in MS establishing a nuclear power programme and contribute to relevant TC projects	Policy and strategy	CS	Consultants; Non-staff Travel; Others	Policy and strategy		Consultants; Non-staff Travel
<b><i>Coordinating and collaborating with other organizations</i></b>						
12. Manage the IAEA/ISOE Technical Centre and participate in relevant ISOE network activities	ISOE Symposium; ISOE reports		Staff Travel; Non-staff Travel; Communications Expenses	ISOE Symposium; ISOE reports		Experts; Non-staff Travel; Communications Expenses
13. International Conference on Occupational Radiation Protection	Organizational arrangements	CS	Consultants; Non-staff Travel	Organizational arrangements	CS	Consultants; Non-staff Travel; Communications Expenses
14. Liaise and collaborate with international organizations, in particular ILO, WHO, ICRP, ICRU	Cooperation agreement on joint activities		Staff Travel; Non-staff Travel	Cooperation agreement on joint activities		Staff Travel; Non-staff Travel
15. Review, update and implement International Action Plan on Occupational Radiation Protection and organize Steering Panel Meeting	The output of action plan	CS	Non-staff Travel; Consultants; Experts	The output of action plan	CS	Consultants; Non-staff Travel; Experts
<b><i>Conducting specialized studies or scientific assessments</i></b>						

<i>Activities</i>	2012			2013		
	Outputs	Ways and means of implementation		Outputs	Ways and means of implementation	
		Scientif. &tech. meetings	Means (other than staff)		Scientif. &tech. meetings	Means (other than staff)
16. Improve occupational radiation protection in research, medical and industrial areas through the collection of radiation protection data in these areas, under the framework of the Information System on Exposure in Medical, Industrial and Research (ISEMIR) project	Data collection and analysis; Guidance for optimization in specific practices	CS, CS	Consultants; Non-staff Travel; Others	Data collection and analysis; Guidance for optimization in specific practices	CS, CS	Consultants; Non-staff Travel