



International Atomic Energy Agency  
**Department of Technical Cooperation**  
Division for Asia and the Pacific  
Asia and the Pacific Section 2

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**Iraqi National Experts Workshop for Finalising the Project Design of 2018-2019 cycle and review the implementation of the current cycle projects**

**05–09 March –2017**

**In cooperation with the Jordanian Atomic Energy Commission  
Shafa Badran; Marj Alfaras, Amman, Jordan**

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IAEA Organiser  
Abdulghani Shakhashiro  
Programme Management Officer

Workshop objectives:

- Finalise the design of three projects;
- Review the work plan of current TC Programme;
- To get familiarised with potential Jordanian partners for technical cooperation;
- To strengthen communication channel between the new PMO and project counterparts.

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Project design	Counterpart
IRQ2016001: Strengthening Resources in Radiology and Radiotherapy	Dr Nada Abdulsahib Hassan Al Alwan Dr. Tahseen Ali Madloom Al Rubai
IRQ2016002: Preparation and Quality Control of TC-99m Generators, Radioimmunotherapy , I-131 Capsules and Labeling study of Rhenium Complexes for Diagnostic and Therapeutic	Mr. Hasan Mugar Resen Al-Shamoosi
IRQ2016003: Strengthen and develop capabilities in nuclear applications for monitoring of radionuclides in soil and groundwater	Dr. Jamal Kadhim Jaber Al-Saedi

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## TENTATIVE PROGRAMME

Sunday 05 March 2017	Day One	
09:00– 09:15	Plenary Opening, Welcome Remarks  Self–Introduction Group Photo	Dr. Mohammed Omari Dr. Mamoun Makahle, JAEC Mr. Abdulghani Shakhashiro, IAEA
09:15–09:30	Plenary: Meeting Objectives and Presentation of Workplan for the Week	Mr. Abdulghani Shakhashiro, IAEA
09:30– 10:00	Iraqi Experience with the IAEA Technical Cooperation Programme: achievements and challenges	Mr. Hussein Hummady Fayadh, NLA
<b>10:00–10:30</b>	<b>Coffee Break</b>	
<p>Each Project Counterpart shall deliver a presentation covering the following points:</p> <ol style="list-style-type: none"> <li>1. Description of the problem to be solved during the project;</li> <li>2. Currently available infrastructure and trained human resources;</li> <li>3. What are the currently running activities to solve this problem?</li> <li>4. How to solve this problem to contribute to the socio–economic development of Iraq?</li> <li>5. What is needed in terms of training, equipment and expertise to help in solving the problem and/or to meet the needs?</li> <li>6. What are the proposed activities within the project?</li> <li>7. Suggestions and recommendations.</li> </ol>		
10:30–11:00	Plenary: Project Presentation: IRQ2016001 Strengthening Resources in Radiology and Radiotherapy	Dr Nada Abdulsahib Hassan Al Alwan Dr. Tahseen Ali Madloom Al Rubai
11:00– 11:30	Plenary: Project Presentation: IRQ2016002 Preparation and Quality Control of TC-99m Generators, Radioimmunotherapy, I-131 Capsules and Labeling study of Rhenium Complexes for Diagnostic and Therapeutic	Mr. Hasan Mugar Resen Al-Shamoosi
11:30 – 12:00	Plenary: Project Presentation: IRQ2016003: Strengthen and develop capabilities in nuclear applications for monitoring of radionuclides in soil and groundwater	Dr. Jamal Kadhim Jaber Al-Saedi
12:30 – 12:30	Status of the Radioactive Waste Management Policy and Strategy for the Republic of Iraq	Mr. Hussein Hummady Fayadh, NLA
<b>12:30 – 13:00</b>	<b>Lunch</b>	
13:00 – 13:30	Plenary: Project Presentation: IRQ5020 Restoring Biomass Productivity of Range Land by Using Nuclear Techniques and Advanced Technology	Ali Abbas Mohammed Al-Hasani
13:30 – 14:00	Plenary: Project Presentation: IRQ5021 Developing Food Safety and Assurance System Using Nuclear and Other Related Technologies	Ahmed Saleh Sajet
14:00 – 14:30	Plenary: Project Presentation: IRQ7006 Studying the Contribution of Artificial Reservoirs to the Groundwater System	Saadi Al-Naseri
14:30 – 15:00	Plenary: Project Presentation: IRQ9011 Decommissioning and Remediation of Former Nuclear Facilities and Sites, Phase II	Qusay Abdulwahhab Abdulhadi
15:00– 15:30	Plenary: Project Presentation: IRQ9012 Building Capacity in Radioactive Waste Management	Mr Mohammed AL-Sammarraie

15:30 – 16:00	Plenary: Project Presentation: IRQ9013 Strengthening of Regulatory Infrastructure Including the Development of General Radiation Safety Regulations in Line with IAEA Safety Standards	Ms. Bushra Ali Ahmed
Monday 06 March 2017	Day Two	
09:00– 09:30	Plenary discussions on project implementations, common challenges, difficulties, opportunities for solutions	All Participants
09:30 – 12:30	Group 1: Discussions on the Radioactive Waste Management Policy and Strategy for the Republic of Iraq	Mr. Andrey Guskov, TO, IAEA Mr. Zhiwen Fan, TO, IAEA Mr. Hussein Hummady Fayadh, Ms. Bushra Ali Ahmed Mr. Mohammed AL-Sammarraie Mr. Qusay Abdulwahhab Abdulhadi Dr. Jamal Kadhim Jaber Al-Saedi
	Group 2: Discussions and review of the project work plan: IRQ2016001 IRQ5020 IRQ5021	Mr. Abdulghani Shakhshiro, PMO, Dr. Nada Abdulsahib Alwan Dr. Tahseen Ali Madloom Al Rubai Mr. Ali Abbas Mohammed Al-Hasani Mr. Ahmed Saleh Sajet Mr. Saadi Al-Naseri Mr. Hasan Mugar Resen Al-Shamoosi
12:30 – 13:00	Lunch Break	
13:00 – 14:00	Continue Group Discussions	
14:00 – 16:00	Visit to the JAEC laboratories	All Participants
Tuesday 07 March 2017	Day Three	
09:00 – 12:30	Group 1: Discussions and review of the project work plan: IRQ9011 IRQ9012	Working groups as indicated above
	Group 2: Discussions and review of the project work plan: IRQ2016002	Working groups as indicated above
12:30 – 13:00	Lunch Break	
13:00 –16:00	Visit to the KHCC	All participants

Wednesday 08 March 2017	Day Four	
09:00 – 12:30	Group 1: Discussions and review of the project work plan: • IRQ9013	Working groups as indicated above
	Group 2: Discussions and review of the project work plan: IRQ2016003	Working groups as indicated above
12:30 – 13:00	Lunch Break	
13:00 –17:00	Visit to the laboratories of Water Authority of Jordan Visit to the laboratories the Agricultural Research Institute	Participants can be divided in tow groups depending on interest
Thursday 09 March 2017	Day Five	
08:30 – 12:30	Plenary: Reporting back to the group on review and finalization of the project designs and workplans	Project counterparts
12:30 – 13:00	Lunch Break	
14:00 – 15:30	Final review and wrap-up, meeting closure	Project counterparts