

**United Nations Development Group Iraq Trust Fund**  
**Project #:D2-29**  
**Date and Quarter Updated: December 2011, 4<sup>th</sup> Quarter 2011**

<b>Participating UN Organisation: WHO</b>	<b>Sector: Health and Nutrition</b>
<b>Government of Iraq – Responsible Line Ministry: Ministry of Health</b>	

<b>Title</b>	Support to improving Management and Safe use of Medical Equipment				
<b>Geographic Location</b>	Anbar, Diwaniyah, Kerbala, Salah Al-Din, Suleimaniyah and Thi-Qar				
<b>Project Cost</b>	USD 2,540,683				
<b>Duration</b>	24 months				
<b>Approval Date (SC)</b>	23 Feb 2010	<b>Starting Date</b>	02 Mar 2010	<b>Completion Date</b>	02 March 2012 Extended to 31 December 2012
<b>Project Description</b>	This project aims at providing assistance to the Iraq Ministry of Health (MoH) to promote sustainable changes and improvements of health care services and enhances the quality of health interventions by focusing on building a coherent medical equipment management system guided by sound policies and good management practices as well as improving institutional skills and capabilities.				

<b>Development Goal and Immediate Objectives</b>
Systems approach to management and safe use of medical equipment in six targeted governorates have been promoted and improved.

<b>Outputs, Key activities and Procurement</b>	
<b>Outputs</b>	By the end of the project the following outputs are expected: MoH has an improved Medical Equipment Management System in six target governorates. MoH has an improved capacity to formulate policies and national standards on quality, safety and management of medical equipment in line with international standards.
<b>Activities</b>	1.1.1 Conducted fact finding and assessment of targeted governorates 1.1.2 Completed inventories of medical equipment at health institutions in the six targeted governorates 1.1.3 Procurement of Computerized Maintenance Management System (CMMS), biomedical test instruments, tools, informatics, journals, and customized maintenance Vehicles for targeted units. 1.1.4 Rehabilitation / modification of targeted central medical equipment repair shops. 1.1.5 Building skills of 285 staff through in-country trainings, series of TOT, international short-term trainings, study tours and attending meetings and conferences. 1.2.1 Orientation visits of MoH committee to advanced centres in the region and beyond to be familiarized with policies and standards in place pertaining to medical equipment management. 1.2.2 Adaptation of policies, standards and regulations pertaining to specifications, maintenance, donations, safe and effective use of medical equipment in line with the international standards. 1.2.3 Conduct external independent project evaluation 1.2.4 Organize lessons learned workshop.
<b>Procurement (major items)</b>	Set of biomedical equipment test instruments and informatics equipment were procured. Procurement of customized maintenance vehicles is under process.

<b>Funds Committed</b>	\$1,751, 768	<b>% of approved</b>	69%
<b>Funds Disbursed</b>	\$ 1,294,547	<b>% of approved</b>	51%
<b>Forecast final date</b>	02 Mar 2012	<b>Delay (months)</b>	n/a

Direct Beneficiaries	Number of Beneficiaries	% of planned (current status)
Men (planned 200)	290	145%
Women (planned 85)	48	56%
Children	0	
IDPs	0	
Others	0	
Indirect beneficiaries	7 million people	
Employment generation (men/women)	0	0%

Quantitative achievements against objectives and results			
Conducted fact finding and assessment of targeted governorates.	<ul style="list-style-type: none"> <li>- Held project steering committee meeting in Erbil.</li> <li>- Conducted fact finding and needs assessment of the medical equipment program at targeted governorates.</li> <li>- The assessment built the basis to put in place a time-bound plan of action for the implementation of the different project components.</li> </ul>	<b>% of planned</b>	100%
Improved Medical equipment management systems, including inventories, procurement of test instruments, tools, customized maintenance vehicles, CMMS, building capacities, physical rehabilitation/construction of central biomedical repair shops, etc.	<ul style="list-style-type: none"> <li>- Medical equipment inventories at health institutions in targeted governorates have been finalized. The equipment inventory is an essential part of an effective medical equipment management.</li> <li>- First set of biomedical test/calibration instruments have been partially delivered to the 6 targeted end users and the contracting for the second set is completed and expected to be delivered during 2012.</li> <li>- Procurement of office equipment (informatics) has been finalized and delivery is under way.</li> <li>- Delivery of monthly Health-Care Engineering Journal is ongoing.</li> <li>- Construction work for one middle-scale biomedical equipment maintenance workshop has started for Thi-Qar and arrangements for 2 small-scale constructions in Anbar and Kerbala are at the final stage of contracting.</li> </ul>	<b>% of planned</b>	65%
Strategy and action plans interventions aiming at formulating appropriate procedures, standards and national regulations for the assessment, planning and management of medical devices in line with the international standards.	<p>Provided technical support to</p> <ul style="list-style-type: none"> <li>- Process of reviewing and updating strategy and procedures for managing medical equipment is initiated, and some of the needed capacity building activities have been conducted.</li> <li>- Drafted guidelines on medical equipment assessment, planning, monitoring and evaluation. This guideline will be used as an input in the process of updating the strategy and standards in place.</li> <li>- Link to international networks e.g. ECRI Institute - a WHO collaborating centre that provides relevant information and data on management and monitoring of medical equipment.</li> </ul>	<b>% of planned</b>	30%

Qualitative achievements against objectives and results
<ul style="list-style-type: none"> <li>- Management of medical equipment will be most effective when considered in the wider context of the complete health-care package necessary to address public health needs. Therefore, rather than just focusing on the technological issues involved in medical equipment, it has been agreed with the project steering committee to frame the work in three components – Availability, Accessibility and Appropriateness.</li> <li>- Providing assistance in building a coherent medical equipment management system in producing guidelines to health technology equipment assessment, planning and evaluation.</li> <li>- Explores the legislative, regulatory, organizational and managerial foundations of a modern public procurement system to feed the process in reviewing the procedures in place of procurement of medical</li> </ul>

equipment.

**Main implementation constrains & challenges (2-3 sentences)**

The implementation is lacking behind as interventions in the area of: (1) reviewing and updating national strategy and procedures for managing medical equipment and (2) physical construction of medical equipment maintenance workshops have just started.