

The

US Army Corps
of Engineers®

GWOT Reconstruction Report

Supporting the Global War On Terror Through Construction & Sustainment

PROJECT UPDATE: Gulf Region Division

About GRD:

The [Gulf Region Division](#) was activated on Jan. 25, 2004. It operates with three district offices (North, Central, & South) located throughout Iraq and a division headquarters office in Baghdad. GRD provides quality, responsive, full spectrum engineering in Iraq in support of military and civil construction, delivers logistical services, and assists the Government of Iraq to assume full responsibility for national reconstruction.

Mosul Facilities & Transportation...more than \$49.6M in facility and/or transportation improvements have been invested in Mosul to date.

Baqubah Electrical Sector...nine planned projects valued at \$37.9M to improve the electricity; eight have started; seven are completed; one is ongoing, and one has not yet started.

Baqubah Public Works...six public works and water projects planned for Baqubah at \$25.6M; three are complete and one is ongoing.

About Mosul & Baqubah...with a population of 1.7 million residents, Mosul — in the Ninewa Province — is Iraq's third largest city, after Basra and Baghdad. Baqubah is the capital of the Diyala Province. Its population is 500,000 and is located 50 km northeast of Baghdad,

(Additional Iraq project metrics can be found on Page 3.)

Weekly Webcasts: Afghanistan and Iraq

LIVE WEBCASTS

Live briefings hosted by DoD's Digital Video & Imagery Distribution System

- Weekly International Security Assistance Force Briefing from Kabul, Afghanistan
- Iraq-Pentagon Press Briefing - Live from Iraq



http://www.dvidshub.net/index.php?script=video/video_live_webcasts.php

Gulf Region North Snapshot

Two of GRN's strategic cities — *Mosul* (100 projects) and *Baqubah* (24 projects) — have received over \$235M in reconstruction funding. Below is a quick project overview:

Mosul Electrical Sector...the goal is to provide a reliable supply of electricity to 80% of businesses and residences in Mosul. About 80% of the homes in Mosul have power approximately 10 hours a day. There are 17 Iraq Relief and Reconstruction Fund planned projects valued at \$90.0M; with 16 completed and one ongoing.

Mosul Public Works...Approximately 60 percent of homes and businesses in Mosul have potable water and 40% have sewage lines. About 42 planned projects total \$4.8M; with 28 complete, seven ongoing, and seven planned but not started.



The Gulf Region North District: GRN mission responsibilities encompass 66,000 square miles in seven of Iraq's 18 provinces, north and east of Baghdad. Its four strategic cities are Mosul, Samarra, Kirkuk and Baqubah.



COURTHOUSE/WITNESS PROTECTION PROJECT CRITICAL TO LAW ENFORCEMENT

— The \$10M Basrah Regional Courthouse project in Al Basrah Province is considered one of the most critical projects for southern Iraq. The facility, composed of a two-story courthouse and a connected witness protection annex, began in September 2007 and is halfway to completion. The courthouse will serve more than 2 million province residents. (Photo by Alaa Al Bahrani)

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World Bank News Afghanistan Emergency Communications Project



A shopkeeper uses a cellular phone in the city of Mazar-i-Sharif, Afghanistan. (World Bank Photo)

The World Bank Emergency Communications Project includes: a \$14M government communications network which provides internet access and voice telecommunications services, including long distance and international services, to over 30,000 government employees in Kabul and Afghanistan's provinces. All provincial capitals are now also able to videoconference with the President and Ministers in Kabul. In addition, there are over 1.5 million private mobile phone subscribers across the country.

<http://www.worldbank.org>



PROJECT UPDATE: Afghanistan Engineer District

• **Since late 2002**, the Corps of Engineers has awarded nearly \$3.5B in construction contracts for projects that support security forces, the Afghan military, the national police, U.S./Coalition Forces, counter narcotics, border management and strategic construction.

• **Military construction projects** include a \$64M Bagram runway, a \$34M Kandahar runway up grade, and a \$16M Kandahar ammunition supply point.

• **AED is committed to building** Afghanistan's national capacity. The number of Afghan citizens working on Corps projects will vary according to the life cycle of the construction projects. During the peak construction season the number has gotten as high as 16,000. Over 230 Afghans work directly for AED with a target goal of increasing to 320 during FY 08. Over 190 Afghan hires are in engineer or supervisory positions.

The percentage of AED contract awards going to Afghan or Afghan-American firms continues to increase and may soon top 90%.

AED engineers also partner with and work closely with a wide variety of organizations, such as the Afghan Ministries of Public Works, Road and Rural Development, Mines, Interior, and Transportation; Kabul and Khowst Universities; the Afghan Chamber of Commerce and Afghan Builders Society; and a variety of donor nations.

About the Afghanistan Engineer District

The [Afghanistan Engineer District](#) was activated in March 2004. AED conducts construction and engineering operations in the Central Asian Republics to facilitate the establishment of a secure and stable environment while promoting reconstruction and infrastructure development. AED people manage programs and projects that support the International Security Assistance Force, Combined Security Transition Command – Afghanistan, Regional Command – East, U.S. Agency for International Development, and other organizations.

Project Photo Roundup



Afghanistan - U.S. Air Force Senior Airman Miguel Gasstelum pours concrete while finishing up part of an \$8.9M ramp and runway renovation project at Bagram Airfield, Afghanistan. (Photo by Capt. Michael Meridith)

Iraq - A new generator, housed in this building, will be able to supply 300 homes and 2,000 residents of central Baghdad's Karkh District with up to 14 hours of power each day. (Photo by Sgt. 1st Class Kap Kim)



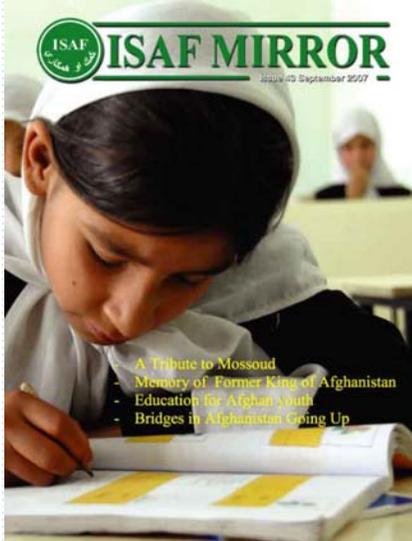
Afghanistan – Progress on the Kabul Joint Aviation Facility project (Photo by MSgt Mark W. Rodgers)

Iraq - Workers wash new platforms and sidewalks at the Basrah railway station project. The \$480,000 station was turned over to the Iraqi Ministry of Transportation. (Photo by A. Al Bahrani)



Afghanistan – Completed classrooms of the Kabul Military Training Center project. (Photo by MSgt Mark W. Rodgers)

Professional Reading: "ISAF Mirror," the Magazine of NATO's International Security Assistance Force - Afghanistan



Download: http://www.nato.int/isaf/docu/mirror/2007/mirror_43_200709.pdf

Joint Effort Turns Terrorist Recruiting Center into Schoolhouse

U.S. and Iraqi forces teamed to reclaim a schoolhouse once occupied by terrorists and restore it.

LUTIFIYAH, Iraq — A school once used as an al Qaida recruiting facility is now again a schoolhouse. Commander's Emergency Response Program funds were used to renovate the school for children after the terrorists were driven out and the area was secured.

Following project approval, 10th Mountain Division (Light Infantry) members worked with the 4th Brigade, 6th Iraqi Army Division and Iraqi contractors on the renovation project.

The two-story school is now large enough to house 1,200 students - 600 during the day and 600 at night. The school is equipped with a computer lab, new desks, renovated classrooms and a playground in the school yard.



PROGRAM FACT SHEET:  **Iraq Reconstruction Project Metrics**

Compiled By: John Daley, HQ USACE

- Over \$11.6B of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 85.6% of total funds allocated to DoD.

- 3,372 IRRF projects starts (out of 3,394 planned projects) and 3,072 projects are complete.

(As of Oct. 17)

Iraq Reconstruction Video



Utilities, Helping Iraqi Children

Survive The U.S. Army Corps of Engineers is helping to ease preventable diseases in children by installing or repairing Baghdad's utilities. View the broadcast report:

<http://www.grd.usace.army.mil/video/playvideo.asp?ReleaseID=107>

Run Time: 1:29

Infrastructure Sector	Current Progress	Final Effects
Electricity	1,520 MW capacity added 26 400kv and 132kv Substations 68 33/11kv Substations Hours of Power: Iraq 14, Baghdad 9.8 (Sept. average)	1,983 MW capacity added (2,699 MW for all USG projects) Increased power generation to 1.7 million homes 43 400kv and 132kv Substations 89 33/11kv Substations (126 total for USG) Hours of Power: Iraq 10-12, Baghdad 10-12
Oil	3 Million Barrels Per Day (MBPD) production capacity Over 2.3 MBPD actual production Liquefied Petroleum Gas (LPG) production capacity of 3,000 Tons per Day	3 MBPD oil production capacity LPG production capacity of 3,000 Tons per Day
Water & Sewer	Added 800,000 cubic meters per day of water treatment capacity (benefits an estimated 3.4 million Iraqis)	1,136,000 cubic meters per day of water treatment capacity (will benefit approximately 5.2 million Iraqis. All USG projects will benefit 8.4 million Iraqis)
Health	85 IRRF-funded Primary Healthcare Centers (PHC) completed 16 IRRF-funded hospital rehabilitation projects completed	138 PHCs serving a population of 5 - 6.5 million Iraqis 25 IRRF-funded hospital rehabilitation projects
Education	810 IRRF-funded schools providing classrooms for 324,000 students	810 IRRF-funded schools providing classrooms for 324,000 students
Security & Justice	4 Training Academy Projects 96 Fire Station Projects 265 Border Forts	4 Training Academy Projects 96 Fire Station Projects 265 Border Forts
Transportation & Communications	38 IRRF-Village Road Projects (320 km) 97 Railway Station Renovations 14 IRRF Aviation Projects	41 IRRF-Village Road Projects (427 km) 97 Railway Station Renovations 19 IRRF Aviation Projects



The Basrah Children's Hospital construction site is a hotbed of activity, with an average of 750 workers on the job each day. The \$163 million state-of-the-art pediatric facility – which focuses on oncology – will have a phased opening commencing in Jan. 2009. The Government of Spain contributed nearly \$22M to the project and Project Hope, a non-governmental organization, has contributed \$30M in equipment and training.



**Spring 2007 –
Construction reaches
50 percent**

**Summer 2007 –
Construction reaches
65 percent**



**Summer 2008 –
Artist rendition of
completed construction**

International Assistance to Afghanistan: The Afghanistan Research and Evaluation Unit

The Afghanistan Research and Evaluation Unit (AREU) is an independent research organization based in Kabul. AREU's mission is to conduct high-quality research that informs and influences policy and practice. AREU also actively promotes a culture of research and learning by strengthening analytical capacity in Afghanistan and facilitating reflection and debate. Fundamental to AREU's vision is that its work should improve Afghan lives.



AFGHANISTAN RESEARCH AND EVALUATION UNIT
Improving Afghan Lives Through Research

AREU was established in 2002 by the assistance community working in Afghanistan and has a board of directors with representation from donors, UN and other multilateral agencies, and non-governmental organizations. Current funding for AREU is provided by the European Commission (EC), the United Nations High Commissioner for Refugees (UNHCR), the United Nations Children's Fund (UNICEF), the World Bank, and the governments of Denmark, Norway, Sweden, Switzerland and the United Kingdom. More on AREU: <http://www.areu.org.af>



Frederick Gerber of Project Hope speaks to participants of the Basrah Children's Hospital Partnership Conference held recently in Baghdad. (USACE Photo)



An Iraqi roofer at work at the Basrah Children's Hospital project site. (Photo by John Connor)

A Reconstruction Partnership

	<p>Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT) https://webportal.saalt.army.mil/main/aae.htm Assistant Secretary: <i>The Honorable Claude M. Bolton, Jr.</i></p>
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	<p>US Army Corps of Engineers – Transatlantic Programs Center http://www.tac.usace.army.mil/ Commander: <i>Col. Ronald N. Light</i></p>
	<p>Joint Contracting Command – Iraq/Afghanistan http://www.rebuilding-iraq.net JCC-IA provides responsive operational contracting support to the Chief of Mission and Multi-National Corps - Iraq to efficiently acquire vital supplies, services and construction in support of the Coalition Forces and the relief and reconstruction of Iraq. Commander: <i>Maj. Gen. Darryl A. Scott, USAF</i></p>
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	<p>U.S. Agency for International Development http://www.usaid.gov/iraq USAID is an independent federal government agency that receives overall foreign policy guidance from the Secretary of State. USAID advances foreign policy objectives by supporting economic growth, agriculture, global health, democracy, conflict prevention and humanitarian assistance.</p>

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About the U.S. Army Corps of Engineers The U.S. Army Corps of Engineers (USACE) is made up of approximately 32,000 Civilian and 650 military members. USACE military and civilian engineers, scientists and other specialists work hand in hand as leaders in engineering and environmental matters. USACE serves the Armed Forces and the Nation by providing vital engineering services and capabilities, as a public service, across the full spectrum of operations—from peace to war—in support of national interests. Corps missions include five broad areas: water resources, environment, infrastructure, homeland security, and warfighting.

GWOT RECONSTRUCTION REPORT

This report can be found on the following DoD websites: Army Homepage, U.S. Central Command, Multi-National Force – Iraq, Digital Video and Imagery Distribution System, USACE Gulf Region Division, the Transatlantic Programs Center, and USACE Afghanistan Engineer District.

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