

The

US Army Corps
of Engineers®

GWOT Reconstruction Report

Supporting the Global War On Terror Through Construction & Sustainment

PROJECT UPDATE: Gulf Region Division

Children's Hospital 62% Complete... The Basrah Children's Hospital is 62% complete and work remains ahead of schedule.

Infrastructure... Completed GRD projects have met the program goals of increasing crude oil production capacity to 3.0 million barrels per day, liquefied petroleum gas production capacity to 3,000 metric tons per day, and natural gas production capacity to 800 Standard Cubic Feet per day.

(Additional Iraq Project Metrics can be found on Page 3.)

About GRD:

The [Gulf Region Division](#) was activated on Jan. 25, 2004. It operates with three district offices located throughout Iraq and a division headquarters office in Baghdad. The 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.

Healthcare Clinic Completed...

The Al Armooshiya Primary Healthcare Center in Salah ad Din Province was completed on Aug. 8. When this clinic is staffed and operational, it will have the ability to serve approximately 35,000 residents of Al Armooshiya.

CERP Update... As of Aug. 18, 6,809 Commander's Emergency Response Program projects have been completed out of 8,356 planned. Of these, GRD currently has 106 projects ongoing and had completed 640 projects. *(See CERP background, this page)*

Water Project Nearly

Complete... Construction on the Nasiriyah Water Supply, Thi-Qar

Province, is 99% complete and the estimated completion is Aug. 28. The project will benefit 555,000 people.



DATE PLANT OPENING — An Iraqi businessman loads the first batch of dates to go through the processing machine at the date plant opening in the Babil Province. The total cost for the project was \$800,000 and funded through the Commander's Emergency Response Program (CERP). (U.S. Army Photo)

[More on CERP](#)



BUILDING A BRIDGE — Afghan National Army engineers of 4-3 Kandak, 201st Corps Command, assemble a 40-foot bridge section in preparation for emplacement of a Bailey Bridge during a future mission. (Photo by Capt. Ashley Dellavalle)

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Just What is the Commander's Emergency Response Program?

The Commander's Emergency Response Program, also known as "CERP" is a program originally unique to Iraq that was established to give U.S. military commanders the ability to respond to urgent humanitarian relief and reconstruction requirements within their areas of responsibilities by carrying out programs that will immediately assist the Iraqi people and support the reconstruction.

This program is now also used in Afghanistan.

The program is intended to serve as a tool to help commanders build good will with the Iraqi and Afghan people in their area of operations, with the ultimate goal of furthering a stable and secure environment.

For additional information:

[https://www.iagcnet.army.mil/852570FA0037A6FC/\(JAGCNetDocID\)/7CD0D5D7B5E564D68525715E006DB593?OpenDocument](https://www.iagcnet.army.mil/852570FA0037A6FC/(JAGCNetDocID)/7CD0D5D7B5E564D68525715E006DB593?OpenDocument)

PROJECT UPDATE: Afghanistan Engineer District

Major Bridge Opens Between Afghanistan and Tajikistan

AED-Managed Project Provides Vital Link to Connect Countries to Regional and World Markets



DUSHANDBE, Tajikistan — U.S. Commerce Secretary Carlos M. Gutierrez joined Tajik President Emomali Rahmon and Afghan President Hamid Karzai at an Aug. 27th ribbon cutting ceremony to dedicate a massive new bridge that links two critical U.S. partners, restores historical connections between two neighboring regions, and promotes development, opportunity and hope.

Spanning the Pyanzh River, the bridge will boost economic development and help reduce poverty on both sides of the border by increasing regional trade and investment, and stimulating small and medium-sized businesses and farms. With a capacity of up to 1,000 vehicles daily, it will help connect a regional highway eventually extending from Karachi, Pakistan to Astana, Kazakhstan, including a network of more than 4,000 kilometers (2485.4 miles) of roads within Afghanistan that have been constructed or reconstructed since 2001.

Designed and managed by the Army Corps of Engineers, the bridge was funded by the United States with a major contribution by Norway. Since January 2006, over 450 Tajiks and Afghans worked together daily to build this structure. America provided construction expertise.

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.

Professional Reading: *Centerviews: Publication of the Air Force Center for Engineering and the Environment*

CENTERVIEWS

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AFCEE plays a vital role in the Global War on Terror by supporting the reconstruction of Iraq. Since awarding its first Iraq contract in 2004, AFCEE has managed the construction of 476 projects totaling nearly \$4 billion. These projects include construction and reconstruction of airports, medical clinics, government ministry buildings, police stations, border forts and schools.

This year, more than \$270 million was awarded also for projects in Afghanistan, with \$110 million ear-marked for additional taskings. This work has included the construction at Kabul International Airport, Kabul Military Training Center and air facilities at Kandahar and Shindand. The Center is currently negotiating projects valued at about \$30 million in Kuwait, Qatar and the United Arab Emirates. **Read about AFCEE GWOT projects in Centerviews magazine:**

<http://www.afcee.brooks.af.mil/ms/msp/center/centerviews.asp>

Project Photo Roundup



Iraq - The Al-Washhash primary healthcare center project is a two-story facility providing space for medical/dental examination and treatment as well as X-ray capabilities, vaccination, testing lab, pharmacy, and public education. (Photo by Travis Edwards)



Afghanistan - A member of the 864th Engineer Combat Battalion surveys the Khyur Khot to Mest road. Connecting Afghan civilians to cities with medical facilities has been a major road construction goal for the battalion. (U.S. Army Photo)



Iraq - Iraqi local workers prepare to connect 33 kilovolt power cables to one of the two 63 megavolt transformers at the port of Khor Az Zubair in southern Iraq. (USACE photo by A. Al Bahrani)



Afghanistan - Provincial Reconstruction Team members trek back following a meeting about the progress of a micro hydro project with Afghan village elders. The project will provide needed electricity to a remote village. (Photo by Master Sgt. Jim Varhegyi)



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

Compiled By: John Daley, HQ USACE

•Over \$11.4 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 84.9% of total funds allocated to DoD.

•3,366 IRRF projects starts (out of 3,387 planned projects) and 3,014 projects are complete.

(As of Aug. 20)

**Video takes you to a project site
Road Project**

Road work being accomplished at Camp Victory.
Troy Roland reports. Watch the Video:

Run Time: 2:05
<http://www.grd.usace.army.mil/video/playvideo.asp?ReleaseID=93>






Infrastructure Sector	Current Progress	Final Effects
Electricity	1,420 MW capacity added Increased power generation to 1.3 million homes 26 400kv and 132kv Substations 65 33/11kv Substations Hours of Power: Iraq – 13, Baghdad – 8 (last week average)	2,023 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: 10-12 Iraq, 10-12 Baghdad
Oil	3 Million Barrels Per Day (MBPD) production capacity Over 2.0 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 540,000 cubic meters per day of water treatment capacity (benefits an estimated 3.1 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	77 IRRF-funded Primary Healthcare Centers (PHC) completed 16 IRRF-funded hospital rehabilitation projects completed	142 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 94 Fire Station Projects 265 Border Forts	4 Training Academy Projects 96 Fire Station Projects 265 Border Forts
Transportation & Communications	38 IRRF-Village Road Projects (318 km) 96 Railway Station Renovations 14 IRRF Aviation Projects Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities	41 IRRF-Village Road Projects (427 km) 98 Railway Station Renovations 19 IRRF Aviation Projects



Flying kites is a popular hobby for many Afghans. Tap-e Maranján - a hill in the east of Kabul city - is a popular place where young Afghans gather on Fridays and holidays to fly kites. (Photo by Fardin Waezi)



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>
 <p>US Army Corps of Engineers®</p>	<p>HQ US Army Corps of Engineers – http://www.usace.army.mil/ Chief of Engineers and Commander of the U.S. Army Corps of Engineers: <i>Lt. Gen. Robert L. Van Antwerp</i></p>
	<p>HQ US Army Corps of Engineers Director, Military Programs: <i>Maj. Gen. Merdith W. B. (Bo) Temple</i></p>
	<p>US Army Corps of Engineers – Gulf Region Division http://www.grd.usace.army.mil/index.html Commanding General: <i>Brig. Gen. Michael J. Walsh</i></p>
	<p>US Army Corps of Engineers – Afghanistan Engineer District http://www.aed.usace.army.mil/ Commander: <i>Col. Miroslav P. Kurka</i></p>
	<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>
	<p>U.S. Department of State http://www.state.gov The State Dept. represents the U.S. overseas and conveys U.S. policies to foreign governments and international organizations through American embassies and consulates in foreign countries and diplomatic missions. The department negotiates and concludes agreements and treaties and coordinates and supports international activities of other U.S. agencies.</p>
	<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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