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The GWOT Reconstruction Report

US Army Corps of Engineers®

Supporting the Global War On Terror Through Construction & Sustainment

Iraq: Construction Continues at Children's Hospital

The courtyard area of the Basrah Children's Hospital is currently under construction. When the Basrah Children's Hospital is complete, it will provide a state-of-the-art training program for Iraq's medical students and doctors. It also will provide urgent care to the country's most critically ill children. (USACE Photo by Lisa Coghlan)

In this Issue

Page 2 AED Project Update
Page 3 Iraq Project Metrics
Page 4 Afghanistan Sector Overview
Page 5 DoD Reconstruction Partnership

Afghanistan: Access to Adequate Health Care can be Difficult

Approximately 40 percent of the Afghan population has no access to basic health care, and many women must travel great distances for medical treatment for themselves and their children. (Photo by Linda Bartlett, Center for Disease Control)

PROJECT UPDATE: Gulf Region Division

Project Totals…As of June 23, 2,942 Iraq Relief and Reconstruction Fund projects have been completed out of the 3,393 planned. Under the Commander's Emergency Response Program (CERP), there have been 6,363 projects completed out of the 7,534 planned. CERP is designed to enable local commanders in Iraq and Afghanistan to respond to urgent humanitarian relief and reconstruction requirements within their areas of responsibility by carrying out programs that will immediately assist the local population.

Erbil Water Treatment…The Erbil - Ifraz Water Treatment Project is now operating at current full capacity of 6,000 m3/hour. On June 3, permanent city power was completed and energized allowing the plant to operate at full capacity.

Road Project Completed…A Iraqi company completed the Suq Al-Shoyokh Road Maintenance project ($875,000) in Thi Qar Province on June 12. A majority of these roads were existing dirt roads. The project included on-site evaluations and subsequent construction of paved streets for everyday usage. This project will provide improved access for approximately 18,000 people.

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.

Water and Public Works…Completed Gulf Region water treatment projects have added 473,000 m3 of daily water treatment capacity, which potentially benefits 2.6 million Iraqis. At the end of the program, an additional 1,136,000 m3 of water treatment capacity will benefit approximately 5.2 million Iraqis (all USG agencies' projects will benefit 8.4 million Iraqis).

Oil Infrastructure…Completed GRD projects have helped the Iraq Government meet its program goals of increasing Crude Oil Production Capacity to 3.0 MBPD, Liquefied Petroleum Gas production capacity to 3,000 metric tons per day, and natural gas production capacity to 800 Standard Cubic Feet per day.

NATO News: PRT Builds Pipeline, Brings Fresh Water to Afghans

INGIL DISTRICT, Afghanistan – International Security Assistance Force (ISAF) Soldiers assigned to the Provincial Reconstruction Team in Herat recently completed a nine-kilometer water pipeline in Ingil district, ensuring local Afghans have access to fresh water. "Our children will no longer suffer from thirst or stomach aches in the summer," said Haji Mir Abdul Khaliq, deputy governor of Herat. ISAF is operated under the auspices of NATO with Allied Joint Force Command Brunssum in charge of the overall operations. Learn more about ISAF.

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PROJECT UPDATE: Afghanistan Engineer District

Bagram AB Sees New Construction…Major projects under construction include an 800-person dormitory ($16M), an air traffic control tower ($10.2M), and an aircraft runway ($65M).

Afghan National Police Project Update…67 projects have been completed or are under contract. The end state is 582 project completions.

National Police Project Photos

Poli-Alum Police Center

Police Company, Kandahar

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.

Afghan National Army Program…AED has completed over 100 ANA hospitals, logistics depots, security facilities, communications centers and various brigade and garrison structures.

Road Projects…Only 24% of the roads in Afghanistan are paved. For a road project overview map, please see page 4.

Afghanistan Major Donor Funding Brief

The World Bank has committed over $1.28 billion for 25 development and emergency reconstruction projects in Afghanistan since April 2002.

The **Asian Development Bank** has approved more than $1 billion in assistance since resuming operations in Afghanistan in 2002 and pledged up to $200 million a year for 2006 – 2010.

The **U.S. Agency for International Development** has committed over $2.5 billion since 2003 focused in part on capacity-building of institutions and infrastructure.

(Source: American Society of Civil Engineers)

Progress Gallery

IRAQ – The Al Qurna Primary Health Care Center, one of the eleven PHCs designed and built by the U.S. Army Corps of Engineers in Al Basrah province in southern Iraq. (Photo by A. Al Bahrani)

AFGHANISTAN - The 50-year-old Kajaki Dam project in the Helmand Province. Dam upgrades are overseen by the Corps of Engineers working with USAID. (AED Photo)

IRAQ - Kirkuk Mayor Abdul Rahman Mustafa takes first drink of water at the opening of the Shoraw village water project. The village was destroyed during Saddam Hussein's regime. Now the village has 3,000 homes, three schools, clean water, a hospital being built, and an electricity project in the works. The Shoraw water project provides clean water to about 15,000 people of Shoraw and neighboring villages. The $800,000 water project included drilling six wells, a water collection tank, and a chlorination station. (Photo by Capt. Janet Herrick)

AFGHANISTAN – Travel to project sites can be challenging. Two-thirds of Afghanistan is mountainous with a quarter of the land being 2,500 meters above sea level. (USACE Photo)

PROGRAM FACT SHEET: Iraq Reconstruction Project Metrics

Compiled By: John Daley, HQ USACE

•Over $11.0 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 83.1% of total funds allocated to DoD

•3,356 projects starts (out of 3,387 planned projects) and 2,942 projects are complete. This number includes the DoD projects funded by the IRRF and the Development Fund for Iraq (DFI)

(As of June22)

Video takes you to a project site

Al Alwaiya Maternity Hospital

The U.S. Army Corps of Engineers is jumpstarting hospital reconstruction efforts accross the country of Iraq with 48 planned hospital renovation projects. The video takes us to one such project in Baghdad.

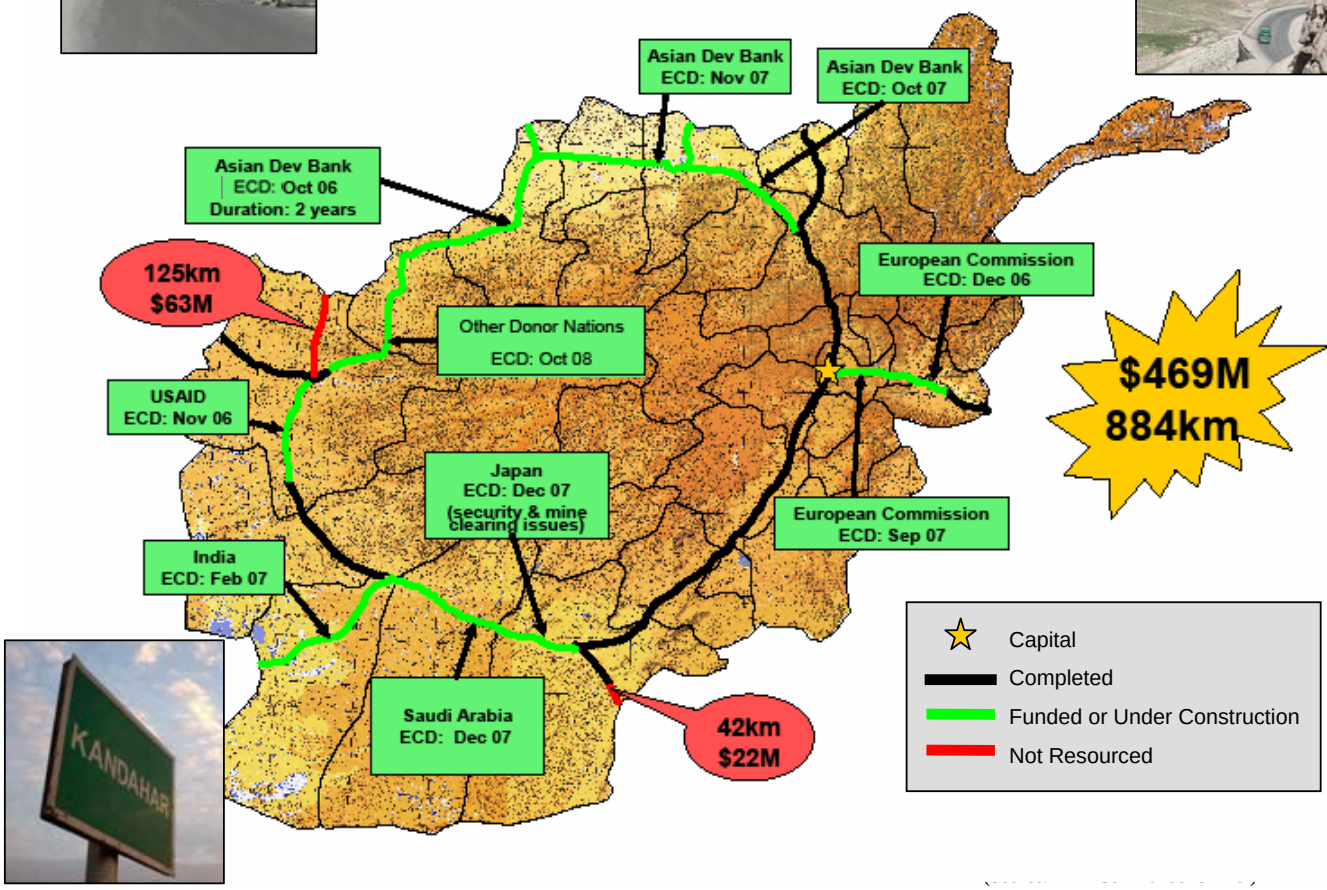
Run Time: 1:55 **Watch the Video:**

http://www.grd.usace.army.mil/video/playvideo.asp?ReleaseID=91

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 64 33/11kV Substations Hours of Power: Iraq – 12, 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 88 33/11kV Substations (126 total for USG) Hours of Power: 10-12 Iraqi, 10-12 Baghdad
Oil	3 Million Barrels Per Day (MBPD) production capacity Approximately 2.1 MBPD actual production Liquefied Petroleum Gas (LPG) production capacity of 3,000 Tons per Day	3.0 MBPD oil production capacity LPG production capacity of 3,000 Tons per Day
Water & Sewer	Added 473,000 cubic meters per day of water treatment capacity (benefits an estimated 2.3 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	39 IRRF-funded Primary Healthcare Centers (PHC) completed 16 IRRF-funded hospital rehabilitation projects completed	142 PHCs serving a population of 5 to 6.5 million Iraqis 25 IRRF-funded hospital rehabilitation projects
Education	810 IRRF-funded schools providing classrooms for 324,200 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 97 Fire Station Projects 265 Border Forts
Transportation & Communications	67 IRRF-Village Road Projects (281 km) 96 Railway Station Renovations 14 IRRF Aviation Projects Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities	98 IRRF-Village Road Projects (427km) 98 Railway Station Renovations 19 IRRF Aviation Projects

PROGRAM FACT SHEET: Afghanistan Regional Highways: Building Partners Enhance Governance, Commerce, and Security

Without a rail system, landlocked Afghanistan is dependent on its roads and airports to bring in food, commercial goods, fuel, and other necessities from outside the country.



World Bank Mini-Brief:

Three Primary Afghanistan Support Areas

- Building the capacity and accountability of the state, primarily to ensure the provision of services that are affordable, accessible, and of adequate quality for citizens.
- Promoting growth of the rural economy and improving rural livelihoods.
- Supporting growth of a formal, modern, and competitive private

See the Latest World Bank Publication:

http://siteresources.worldbank.org/AFGHANISTANEXTN/Resources/305984-1171214014238/AFUpdateApr07.pdf

Afghanistan Background Notes:

Area: 647,500 sq. km. (249,935 sq. mi.); slightly smaller than Texas.

Cities: Capital--Kabul (1,780,000; 1999/2000 UN est.).

Other cities:

Kandahar (226,000)

Herat (177,000)

Mazar-e-Sharif (131,000)

Jalalabad (58,000)

Konduz (57,000)

(Source: Dept. of State)

Salang Tunnel Provides Opportunities

"If the tunnel is open and the road is good, my income will go higher and the whole world will be happy. Then I will have no headache." – Nizamuddin, Truck Driver (Courtesy USAID)

SALANG, Afghanistan - Without a rail system, landlocked Afghanistan is dependent on its roads and airports to bring in food, fuel, and other necessities from outside the country. During the winter months, keeping the 2.6 mile-long Salang Tunnel and 42 miles of road at its northern and southern approaches cleared of avalanches and open to traffic are daunting but vital tasks. USAID funded a project that reopened the tunnel, and provided an additional $1.6 million to clear snow, make emergency repairs, and manage the tunnel traffic during the winter.

A Reconstruction Partnership

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: *The Honorable Claude M. Bolton, Jr.*

HQ US Army Corps of Engineers – http://www.usace.army.mil/
Chief of Engineers and Commander of the U.S. Army Corps of Engineers:
Lt. Gen. Robert L. Van Antwerp

HQ US Army Corps of Engineers
Director, Military Programs: *Brig. Gen. Merdith W. B. (Bo) Temple*

US Army Corps of Engineers – Gulf Region Division http://www.grd.usace.army.mil/index.html
Commanding General: *Brig. Gen. Michael J. Walsh*

US Army Corps of Engineers – Afghanistan Engineer District http://www.aed.usace.army.mil/
Commander: *Col. William E. Bulen*

US Army Corps of Engineers – Transatlantic Programs Center
Commander: *Col. Lawrence Sansone*

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: *Maj. Gen. Darryl A. Scott, USAF*

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.

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.

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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, and USACE Afghanistan Engineer District.

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