The



# **GWOT** Reconstruction Report

Supporting the Global War On Terror Through Construction & Sustainment

#### **PROJECT UPDATE: Gulf Region Division**

Correctional Facility 62% Complete... Estimated completion of the Nasiriyah Correctional Facility (\$63.6M) in Thi Qar Province is Oct. 2007. The self-contained incarceration facility will house up to 800 people.

Water Project Nearly Complete...The Sadr City R3 Water Supply Project (\$13.1M) in Baghdad is 94% complete with an estimated completion date Nov. 2007. Hot Tap installation was successfully completed last month and operator training class for 28 Baghdad Water Authority staff also began last month.

#### **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.

Oil... GRD projects have met the 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.

BCH Update...The Basrah Children's Hospital was 60% complete and work remains ahead of schedule.

**Distribution and Feeder Cable Project** ... Over 130,000 residents of Karkh, Baghdad Province, will benefit from reliable power from the completion of the 11kV electrical network distribution and feeder cable installation project.

#### **Logistics:** Key to Project Success



Creating a cloud of dust, a U.S. Air Force C-17 lands at Tarin Kowt. The aircraft was supporting coalition forces including U.S. Army Corps of Engineers project efforts at this remote forward operating base in southern Afghanistan. Air Force aircraft are critical to USACE projects as they fly in necessary parts, machines, supplies, and people to sites as roadways can be inaccessible or non-existent. (Photo by Matthew Rowe)

#### In this Issue

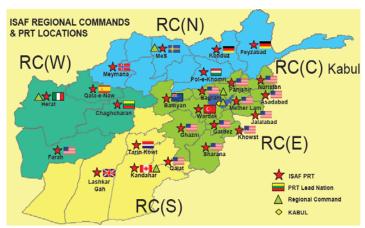
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#### Snapshot: Afghanistan Provincial Reconstruction Teams



Note: "ISAF" - International Security Assistance Force



PRT members look on as Dr. Noor Ali, President, New Sahak Construction Company, signs the contract to begin construction on a flood retaining wall. The wall will be built in Kandah Village and protect people and property from flooding and land erosion. (Photo by Lt. Col. Robert Ricci)

There are 25 PRTs operating in Afghanistan. Twelve are U.S.-led. PRTs seek to establish an environment that is secure and stable enough for the operation of international and Afghan civilian agencies to provide development support. Due to their unique composition, PRTs are also able to deliver development and support to less secure areas.

In Afghanistan, PRTs have been an important vehicle for the delivery of U.S. and international assistance outside of Kabul, particularly in unstable provinces.

PRT infrastructure projects include community and government buildings, clinics, schools, capacity building for government, radio stations, gender activities, agriculture, water/irrigation, energy (micropower), and roads.

#### **Afghanistan Engineer District Project Focus**

What does the AED Strategic Construction Program Encompass?

Through this program, the AED staff works with the Combined Security Transition Command - Afghanistan, US Agency for International Development, donor nations and other agencies to identify areas where projects have an immediate effect building alternative livelihoods, creating ownership and eroding enemy support.

#### 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, USAID, and other organizations.

Some of the projects are funded by the Commander's Emergency Relief Program and include projects such as water management studies, alternative power initiatives, and construction of national and provincial roads and micro-hydro power stations. Construction is complete on more than 884 kilometers of roads with another 1,434 kilometers projected for fiscal year 2007.

Road projects are critical for two primary reasons. First, they provide improved access for coalition, Afghan National Army and Afghan police forces to ensure security throughout the country. Second, road projects improve access for Afghan people to participate in governance, education, health, trade and other development projects. In addition, the Afghanistan and Tajikistan Governments have commissioned the construction of a 673-meter weathering steel girder bridge. The bridge will support two lanes of commercial traffic plus pedestrian and cart traffic and opens up a landlocked country to more commercial trade. A ribbon cutting ceremony is scheduled for Fall 2007.

AED is committed to doing its part to help build Afghanistan's national capacity. On any given day, as many as 15,000 Afghans are at work on Corps projects scattered around the country. AED engineers also partner and support Afghan facility engineers at various project sites. The Corps of Engineers estimates that it will manage approximately \$1.87 billion in program funds in fiscal year 2007, a 100% increase over FY 2006.

PRTs Continued from Page 1: There are currently 25 PRTs in Afghanistan. Twelve are US-led: Asadabad, Bagram/Parwan, Farah, Gardez, Ghazni, Jalalabad, Kala Gush, Khost, Mehtarlam, Panjshir, Qalat and Sharana (primarily in eastern Afghanistan). The rest are led by other countries: Bamian (New Zealand), Chaghcharan (Lithuania), Feyzabad and Kunduz (Germany), Herat (Italy), Kandahar (Canada), Lashkar Gah (UK), Maimana (Norway), Mazar-e Sharif (Sweden), Pol-e Khumri (Hungary), Qal-e Now (Spain), Tarin Kowt (the Netherlands) and Wardak (Turkey).

#### Professional Reading: USIP Pamphlet



Guidelines for Relations Between U.S. Armed Forces and Non-Governmental Humanitarian Organizations in Hostile or Potentially Hostile Environments

The initiative was launched in March 2005 when Amb. Carlos Pascual, Coordinator for Reconstruction and Stabilization at the U.S. State Department, asked the U.S. Institute for Peace to establish a Working Group on Civil-Military Relations in Nonpermissive Environments. What began as a dialogue between military and NGO leaders has resulted in a pioneering effort upon which both sides hope to expand. <a href="http://www.usip.org/pubs/Guidelines\_pamphlet.pdf">http://www.usip.org/pubs/Guidelines\_pamphlet.pdf</a>

#### **Project Photo Roundup**



Afghanistan – Night photo of the Kandahar Airfield runway light installation project built by the Afghanistan Engineer District. (Photo by Matthew Rowe)



Iraq - More than 2.5 million Basrah Province residents will have a reliable source of water through the construction of Qurmat Ali pumping units. The benefits of the \$645,000 pumping units are increased water pressure, filling of the existing water storage tanks and slowing aquifer depletion. The southern region of Iraq suffers from an aging infrastructure and a serious shortage of potable water. (Photo by Al Bahrani )



Afghanistan – A U.S. Army Corps of Engineers officer taking global positioning system readings on a national police construction site in Tarin Kowt. (Photo by Matthew Rowe)

NOTABLE QUOTE: "I am here today to once again thank you and the American people for all that you have done for Afghanistan; for our liberation first, and then for our stability and prosperity. We have gone a long way. I have been here many times before in America, thanking the American people for what they have given to Afghanistan. I have spoken of roads, I have spoken of schools, I have spoken of clinics, I have spoken of agriculture, I've spoken of lots of achievements." Afghan President Hamid Karzai, Camp David, Aug. 6, 2007



#### **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 84.2% of total funds allocated to DoD

•3,367 IRRF projects starts (out of 3,396 planned projects) and 3,014 projects are complete.

(As of Aug. 1)

#### Video takes you to a project site **Courthouse Projects**

Courthouses are being built in the Baghdad Province. Watch the Video:

Run Time: 1:43



http://www.grd.usace.army.mil/video/playvideo.asp?ReleaseID=86

Infrastructure Sector	Current Progress	Final Effects
Electricity	1,420 MW capacity added	2,023 MW capacity added (2,699 MW for all USG projects)
	Increased power generation to 1.3 million homes	Increased power generation to 1.7 million homes
	26 400kv and 132kv Substations	43 400kv and 132kv Substations
	65 33/11kv Substations	89 33/11kv Substations (126 total for USG)
	Hours of Power: Iraq – 13, Baghdad – 8 (last week average)	Hours of Power: 10-12 Iraq, 10-12 Baghdad
Oil	3 Million Barrels Per Day (MBPD) production capacity	3 MBPD oil production capacity
	Over 2.0 MBPD actual production	
	Liquefied Petroleum Gas (LPG) production capacity of 3,000 Tons per Day	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	66 IRRF-funded Primary Healthcare Centers (PHC) completed	142 PHCs serving a population of 5 - 6.5 million Iraqis
	16 IRRF-funded hospital rehabilitation projects completed	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 (427km) 98 Railway Station Renovations 19 IRRF Aviation Projects



# Capacity Development – Vital to Rebuilding Success

Second of Two Parts

The following are just some of the capacity development needs at each of the five levels that must occur to support sustainable operations of infrastructure.

#### Policy - Level 1

Assist the Governments of Iraq (GOI) and Afghanistan (GOA) establish a strategic policy, direction, and framework through the development of a comprehensive national level plan for infrastructure sustainability; assist the GOI/GOA to create an enabling environment supporting accountable and transparent management of the provision of essential services.

#### Laws and Regulations - Level 2

Assist the GOI/GOA to develop a national planning and budgeting framework; assist the GOI/GOA to develop laws governing management, administration, and operation of infrastructure; assist the GOI/GOA to create and update infrastructure related regulations, codes, and standards; assist the GOI/GOA to develop cost recovery/subsidy reform initiatives.

#### Inter-Organizational - Level 3

Support inter/intra-ministerial coordination through the GOI/GOA; assist the GOI/GOA to develop a national fuel/energy strategy to secure continual supply of proper fuels for infrastructure; assist the GOI/GOA to develop an integrated logistics support management system.

#### Iraqi Ministry - Level 4

Support the GOI/GOA to develop and implement an infrastructure security strategy; assist the GOI/GOA to develop recurring infrastructure operations and maintenance budget; assist the GOI/GOA to develop and implement best management practices within the ministries in the areas of asset management, finance/budgeting, procurement, contracting, inventory, logistics, human resources, and strategic planning necessary to support sustainable operations; assist the GOI/GOA to develop sector and/or city-based infrastructure master plans.

By Sheryl Lewis Capacity Development Program Manager HQ, U.S. Army Corps of Engineers



A Contracting Training and Networking Day was sponsored by the Gulf Region Division and the Joint Contracting Command – Iraq/Afghanistan recently. The training conference originally included 30 Iraqi companies, but over 45 participated. Additionally, over ten women-owned businesses were represented. (Gulf Region Division Photo)

#### Infrastructure - Level 5

Assist facility staff develop and implement best management, operation, and maintenance practices; provide facility staff with required infrastructure deliverables such as operations and maintenance manuals and training, preventive maintenance plans, and spare parts and consumable supplies and lists.

The process of CD requires a long-term investment and may take a generation to achieve the successful and sustainable provision of essential services throughout Iraq. It is critical that all parties involved in CD continue to provide assistance and understand the importance of approaching CD in a coordinated and synchronized approach.

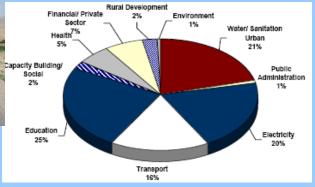
## **UN Program News**

#### The World Bank strategy for Afghanistan focuses on three areas of support:

- 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 sector.

A view of Kunduz-Taloqan road, being rehabilitated under the World Bankfinanced transport project. (World Bank Photo)

### Latest World Bank Program Information: Distribution of Iraq Projects Funded

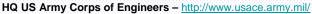


### A Reconstruction Partnership



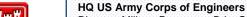
Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT) https://webportal.saalt.army.mil/main/aae.htm

Assistant Secretary: The Honorable Claude M. Bolton, Jr.



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Lt. Gen. Robert L. Van Antwerp



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. Miroslav P. Kurka



**US Army Corps** 

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Commander: Col. Ronald N. Light http://www.tac.usace.army.mil

#### 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 <a href="http://www.state.gov">http://www.state.gov</a>

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/irag

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, the Transatlantic Programs Center, and USACE Afghanistan Engineer District.

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