

Civil Capacity Development in Iraq



*“Wish to your brother,
what you wish for
yourself.”*

-Hadith of Prophet Mohammed-





Civil Capacity Overview



Construction & Infrastructure



Rule of Law



Vocational-Technical and University Exchange



Water



Education and Schools



Internal/External Security



Power Generation

The United States' enduring relationship with Iraq continues through an interagency effort strengthening Iraq's Civil Capacity with economic, diplomatic, cultural and security programs, and activities to continue building our long-term partnership.



Transportation



Civil Aviation



Health Care



Governance



Communications



Economy & Business



Agriculture



Power Generation



Since 2003, the U.S. has supported Iraq in strengthening and stabilizing Iraq's electrical transmission grid to improve the quantity and quality of electricity for the people of Iraq and overall increase the hours of available power.

- Improvement from 3,764 megawatts in 2003 to 7,045 megawatts in 2011
- Completion of 800 projects
- 22 Overhead line projects
- Provided millions of dollars of spare parts and training to Ministry of Electricity staff





Education and Schools



Iraq had approximately 13,000 primary and secondary schools. The U.S. estimated that approximately 80% required significant reconstruction and 700 of these needed to be completely rebuilt. With the assistance of the U.S., Iraq has accomplished the following:

- 27% increase in primary school enrollment since 2002
- Supplied 8.6 million textbooks; school supplies for 2.3 million children and 82,000 teachers
- Trained 33,000+ teachers
- Increased number of primary schools from 9,115 in 2003 to 12,507 in 2008
- Increased number of secondary schools from 3,128 in 2001/2002 to 4,364 in 2008 and an increase of students admitted from 1,132,106 to 1,603,623 during that same period (data excludes Kurdistan region)
- Modernization of Curriculum and the addition of Learning Resources
- Extension of primary education opportunities to numerous rural municipalities throughout all 18 provinces



Vocational-Technical and University Exchange



Since 2003, the U.S. has invested in almost 7,000 Iraqi-led education-related projects, including the repair and construction of more than 4,000 schools throughout Iraq improving the adult literacy rate from 40.4 % in 2004 to 74.1% in 2009.

- Students enrolled in universities, technical education commission, and private colleges increased to 102,581 in 2009 from 95,994 in 2003
- The U.S. funded the National English Language Laboratory System Program implemented at five university locations enabling Iraqi instructors to train approximately 1,000 students. This improved English language proficiency, access to the global marketplace, and increased training opportunities for advanced degrees to build leadership for the future.
 - Baghdad University (three locations)
 - Tikrit University
 - Najaf University
- 2,600 education exchanges since 2004
 - Largest U.S. Embassy Fulbright Program in the Arab world
 - International Visitor Program and Youth Exchange Programs are the largest in the world





Water

Since 2003, Iraq completed projects, with assistance from the U.S., contributing to 25% of the nation's potable water, providing 2.45 million cubic meters of safe, clean water per day to Iraqis.

- Renewed Eastern Euphrates Drain results in 48,000 hectares of additional agricultural land
 - Removed excess saline from more than 400,000 hectares of irrigated land
 - Improved and increased farming opportunities for Iraqis in Muthanna Province
- Meshkab Water Treatment Plant provides clean and safe drinking water for roughly 110,000 residents of Najaf
- Current water projects provide an additional 300,000 Iraqis with access to potable water
- Sewage projects process 1.2 million cubic meters of wastewater per day, benefitting 5.3 million Iraqis
- U.S. transitioned Camp Bucca to Iraqi investors, enabled its water treatment facility will help provide 1.2 million gallons of fresh water to several local municipalities in Basrah/Umm Qasr



Eastern Euphrates Drain



Meshkab Water Treatment Plant



Ifraz Water Treatment Plant



Khark Water Treatment Plant



Health Care



Since 2003, Iraq has completed 2,920 health care projects, with the assistance from the U.S., increasing the ability for Iraqis to receive quality care, professional training and education in modern facilities.

- Vaccinated 3.2 million children under the age of 5 and 700,000 pregnant women
- Immunized 98% of children 1-3 years (3.62 million children) against measles, mumps, and rubella during 2005; resulting in 90% reduction in laboratory confirmed cases of measles between 2004-2005
- Polio immunization campaign keeping Iraq polio-free
- National Infant mortality decreased 68% to 35 per 1,000 live births
- Established 5 mobile medical units with medication servicing 25,000 people
- Trained 11,400 staff at over 2,000 community child care units screening for malnutrition



Surgical Training, Al Abass Hospital, Al Kut



Muthana Health Care Facility



Medical Clinic Construction, Nijimi District of Safwan



Communications

Since 2003, reforms within the telecommunications sector have allowed increased access to phones and internet connectivity and opened up the way for more private sector-led growth and investment.

- Completed 609 communications projects
- Set the conditions to increase landline phones 36% to 1.3 million
- More than 1.7 million Internet users

Since 2007, the U.S. has entered into contracts with Iraqi Telecommunications Companies to install Terrestrial Fiber backbone networks for the purposes of robust inter-connectivity, paving the way for future Iraqi connectivity with the rest of the world.

- 1455 km of single mode fiber cable installed and/or approved within Iraq
- 2460 km of single mode fiber approved to start in Iraq and cross borders
- 10 fiber stations within Iraq and 9 planned stations to cross borders)

Iraq's construction of the Al Mamoun Exchange and Telecommunications Center, with U.S. support, in Baghdad will serve as a telecommunications hub for the Iraqi Ministry of Communications and service over 9 million people with cellular, land line telephone communications and high-speed internet.





Agriculture



The U.S. has assisted over 3,626 businesses and 157 farming associations on improved farming techniques.

- As of July 2011 the USG invested \$204.2 million (\$149.8 USAID *Inma* Agribusiness program and 54.4 million from USDA) into the agriculture sector, created more than 48,667 jobs (14,300 jobs USAID *Inma* Agribusiness Program and 34,367 USDA), trained 57,826 and increased gross sales in the Iraqi livestock/protein and horticulture sectors by \$105.8 million



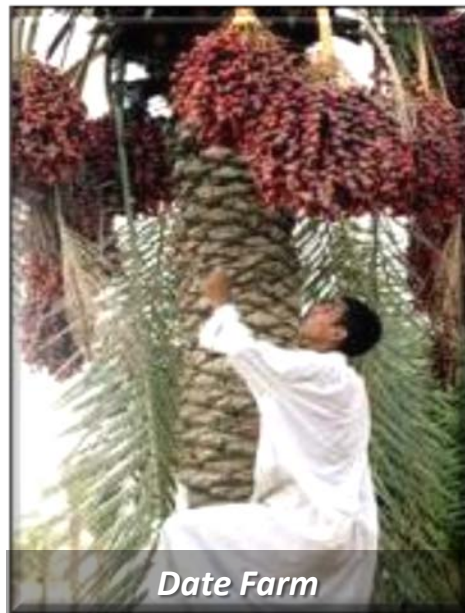
Association Management & Sustainability Workshop



Babil Fish Farm



Maysan Farmers Microgrants



Date Farm



Shoumaly Sheep Feedlot



Transportation



AIR

Since 2003, the U.S. funded upgrades for the modernization of Baghdad International Airport (BIAP) to meet international standards

- Houses commercial carriers for more than 20 different companies
- Operating more than 60 civilian flights daily

LAND

Since 2003, the U.S. funded projects for the Iraqi Railway Network to build a state of the art positive train control system that allows dispatchers to control rail movements throughout the network via data and voice methods that was successfully completed March 2011

- Locomotive parts and rail equipment, funded by the U.S., facilitated the first successful rail trip from the western Syrian seaport of Tartous to Umm Qasr Port via Baghdad in 2009

SEA

Since 2003, the U.S. provided funds to purchase 100-Ton Nelcon Mobile Harbor Cranes for the Umm Qasr Port increasing port capacity by approximately 24,000 tons daily

- Renovated power to existing 100-Ton Nelcon Mobile Harbor Cranes modernizing Berths 1-11 to accommodate containerized shipping
- Wreck removal in 2008 cleared navigation channels allowing dredging to clear 8-10 meter channels to a depth of 12.5 meters at low tide to accommodate ships' drafts during all tide cycles



Iraq Rail Transportation



Baghdad International Airport



Umm Qasr Port



Civil Aviation



Past – Under military authority system suffered

- Communication/navigation equipment destroyed
- Maintenance & upgrades under funded
- Proficiency of civil controllers regressed

Present – Modernizing with assistance from the U.S.

- USM-I OTA leading effort w/9 AETF-I partnership building capacity
 - Transferring airspace control to ICAA
 - Augmenting ICAA to provide ATC service
- MoT investing in people and equipment
- ICAA training future controllers and leaders
- ICAA/IqAF partnering for development

Future – Increase efficiency, capability, revenue

- Full compliance with international standards
- New communication infrastructure
- Modern ATC radars and control facilities
- Expanded domestic and international service
- Continued partnership with OTA/USM-I

Increased activity

- 200% increase in flight operations and revenues from 2008 to 2010 for Baghdad Area Control Center
- Additional 30% increase with reduced vertical separation approval

Airspace Control

- ICAA controls all high-altitude airspace
- ICAA controls 2/3 of mid-level airspace
- Remaining airspace turned in phases by Oct 2011
- ICAA operates control towers at 6 airports

Airline Service

- Iraqi Airways, Air Emirates, Turkish Air, Royal Jordanian
- New Route to Turkey with Syrian over-flight (UP975)
- Austrian Airlines to start Baghdad service – Jun 2011



Increased Efficiencies



Increased Capabilities



Increased Air Traffic



Increased Potential

Economic & Business Development



Since 2003, Iraq has completed more than 13,895 projects, in partnership with the U.S., valued at \$188 million to generate employment that include apprentice and technical training initiatives, jobs works programs, micro-grants (in excess of 1,500 nationwide grants equaling \$39.8 million), and business development seminars/centers.

- In the past two years, 23,000 new businesses were registered, and per capita income has nearly doubled
- Since 2003, Iraq's unemployment rate has dropped from 28.10% to 15.3%
- Exports from Iraq have increased from \$13 billion in 2003 to \$49 billion in 2010
- Due to increased security that allowed economic development, Iraqi GDP doubled from \$59.9 to \$117.7 billion from 2003 to 2010
- Microfinance program in Iraq tops \$558 million with more than 240,000 micro-loans



BIAP Econ Zone



Before

Diyala Suq Revival Program



After



Made in America Catalog Fairs



Women's Programs



Governance



Since 2003, Iraq has developed programs designed to stabilize communities; foster economic and agricultural growth; and build the capacity of the national, local, and provincial governments to represent and respond to the needs of the Iraqi people, in partnership with the U.S.

- Free and fair National and Provincial elections in 2005, 2009, and 2010
- Significant progress in reform of public financial management:
 - A multi-year budget strategy was introduced for the first time for 2010-2012
 - Investment budget execution is steadily improving, from 25-30% in 2006-2007 to 50% in 2008, and over 80% in 2009
- Since 2009, approximately 70,725 civil servants have received training in public administration skills and processes through U.S. programs
- U.S. programs working with the National Center for Consultancy and Management Development and the Al Quds School for Computers has trained more than 105,000 civil servants at Iraq regional training centers
- The Ministry of Planning working in collaboration with the U.S. helped produce the Five year National Development Plan and its approval by the Council of Ministers in April 2010



Al Basrah's Governorate Council



USAID Promotes Local Governance Projects



Iraq Board of Supreme Audit



Rule of Law



The progress achieved in strengthening security in Iraq over the last two years has led to greater stability at the community level allowing the Iraqi judiciary to continue exhibiting genuine independence and care in handling its cases.

- Since 2003, the number of judges in Iraq increased from 750 to 1,280 in 2010 due to increased security and funding
- The Ministry of Interior has increased the number of police from 60,000 to 410,000
- Staffing capacity for the Iraq Criminal Evidence National Laboratory will be 1,999 trained examiners by December 2011 and certified by November 2012
- The Higher Judicial Council and Mol assigned more than 1,000 Iraqi Police to supplement security at courts across Iraq



Female Iraqi Police Force

“Human rights and the rule of law are central components of our relationship with Iraq and are key areas for U.S. involvement and support.”

Justin Higgins, DoS Spokesperson, 2006



Iraqi Lawyers



Kurdish Prime Minister Capacity Building Meeting



Rebuilding Iraqi Lawyer Capacity



Rusafa Court



Construction and Infrastructure



The U.S. has helped Iraq make substantial gains in the security situation, which has bolstered confidence and increased interest to invest in Iraq.

- Contributed to the construction of nearly 1,200 bridges
- More than 3,000 trucks daily use the main highways between Baghdad and Jordan that are critical to the flow of fuel and agricultural products in northern Iraq
- Upgraded and repaired projects that support over 15 million vehicles daily on Iraqi roadways
- As of April 2011, Iraq has more than 250 projects, with support from the U.S., ongoing providing jobs for more than 20,000 Iraqis
- Provided stabilization and investment in Iraq's main source of income-oil
 - Trained oil police and provided ground-force security protecting key oil infrastructures
 - Maximized oil loading capability
 - \$40 million to build fortified pipeline exclusion zone from Kirkuk to Baiji
 - Refurbished Al Basra Oil Terminal; generates 75% of Iraq's annual revenues



Refurbished King Faisal Bridge



Construction in Iraq



Bridge Building in Iraq



Erbil Construction



Internal/External Security



In 2010, the overall level of violence in Iraq was about 90% lower than the peak seen in 2007. As of June 21, 2011 more than 767,900 personnel have been trained through Ministry of Interior centers, mainly in these four components:

- 494,825 Iraqi Police Service personnel
- 106,939 Federal Police personnel
- 69,438 Department of Border Enforcement personnel
- 67,921 Facility Protection Service personnel

Iraq Training and Advisory Mission (ITAM):

- More than 192,000 Iraqi Army (IA) personnel have been fielded in 13 light infantry divisions and one mechanized division
- More than 54,800 IA soldiers graduated from initial and specialized training programs during 2010

The ISF is now regarded as counterinsurgency (COIN) capable, and the qualified Iraqi trainers necessary for sustaining the IA COIN force are in place.



Above: Lion's Leap Training
Below: Tadreeb al-Shamil Training



Below: IP recruits conduct three practical exercises during the graduation ceremony demonstrating their proficiency in self-defense



A Sovereign, Stable & Self-Reliant Iraq Way Ahead



The U.S. Embassy will coordinate the whole-of-nation effort

- **Power Generation:** Electricity reforms, including corporatization and commercialization of the sector, and funding the 20-year Master Electricity Plan to define the short and long-term construction programs needed to meet the electrical demands of Iraq
- **Education and Schools/VOTECH & University Programs:** Primary school teacher training, Ministry of Education capacity building, and the ACCESS English language program; 37 ongoing projects
- **Water:** Current construction projects provide an additional 300,000 Iraqis with access to potable water
- **Health Care:** USAID Primary Health Care Project, support to primary health care clinics, and increase capacity of Ministry of Health
- **Communications:** Provide advice and best practices for telecommunications services regulation
- **Agriculture:** Provide advice and training on agricultural production, marketing, processing and trade to the Ministry of Agriculture, provincial officials and Iraqi farmers
- **Transportation:** 8 projects are ongoing
- **Civil Aviation:** ICAA to obtain full compliance with international standards
- **Economic and Business Development:** Commerce Department's Commercial Law Development Program, financial sector reform microfinance institutions and medium-and-small-enterprise support
- **Governance:** Local Government Strengthening and Community Action Programs to include elections, parliamentary, national and provincial capacity development
- **Rule of Law:** Civilian Police Development Program and access to justice
- **Construction and Infrastructure:** 19 road projects are ongoing
- **Internal/External Security:** 134 ongoing projects aiding Ministry of Defense and Ministry of Interior

