

Afghanistan Sustainable Infrastructure Planning (ASIP) Toolkit

Strategic Level Brief
October 2008



A map of Afghanistan is shown in the background, with various regions colored in shades of orange, yellow, and green. The city of Kabul is marked with a small square and labeled. Overlaid on the map is a large, bold, black quote.

“Afghanistan needs large amounts of aid, but precisely how aid is spent is just as important.”

Afghanistan President Hamid Karzai at Paris Donor Conference, June 2008

Quoted in the New York Times, 12 June 08



GofA Infrastructure Priorities

Afghan government's infrastructure priorities are to develop:

1. Power – generation facilities for urban and rural electrification
2. Roads – the ring road and roads connecting to neighboring countries, rural roads; and the repair of urban streets and bypasses
3. Water – irrigation and water resource management, and drinking water supply in both rural and urban areas.

As outlined by the Afghanistan National Development Strategy (ANDS) and London Compact



ASIP Overall Objective

Provide support to the Islamic Republic of Afghanistan for the implementation of the Afghanistan National Development Strategy (ANDS) by developing tools and methodologies to identify critical infrastructure gaps, prioritize system linkages, and sequence donor resources.



ASIP Principles

- **Build Afghan capacity**
- **Apply a systems approach**
- **Use a participatory, local resource (asset-based) methodology for planning development and analysis**
- **Address implications across 5 sectors – political, security, rule of law, social well being and economic growth**
- **Apply analytical tools as appropriate**



Products

- **Repository of Afghanistan infrastructure information via GIS-enabled portal**
- **Methodologies for portfolio-level critical path analysis, risk assessment and value chain analysis to determine economic impact**
- **Recommendations for a Sustainable Economic/Infrastructure Plan**



ASIP Plan

TIME

May 08 – Feb 09

Project Development

1. Framework
2. Approaches
3. Analysis and Methodologies

Pilot

Nangarhar Province

- economic development focus

Feb 09 →

Enhanced Capabilities for IRoA

1. Tools to Enable Decision Making
2. ANDS Implementation Prioritization at Regional & Project Level
3. Enhanced Skill Development
4. Database Repository

Donor Benefits

1. Impact
2. Ease of Coordination
3. Transparency



Portal

/ EKO® Home / Virtual Teams / COTT /

ASIP
Afghanistan Sustainability Infrastructure Plan

ASIP Home Culture Electricity Water Roads Economic Prospects General Documents Rehabilitation Maps


What is ASIP?

- Afghanistan Sustainability Infrastructure Plan
- Develop a master plan to capitalize and expand the infrastructure systems to encourage economic growth for different resources.
- By defining critical nodes, sustainable projects, while keeping in mind Afghanistan's priorities and visions.

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Image Browser



Ghazni Province

Legend
Ghazni Capital
Roads
Kabul-Kandahar Highway

Progress

- Reconstruction of EKO® Portal Web site
- Adding GIS data via PLONE
- New research and data acquisition on Ghazni Province
- Continued analysis of Helmand Province

New Items

- NAVAL POSTGRADUATE SCHOOL
- Understanding Markets in Afghanistan: A case study of carpets and the Andkhoy Carpet Market (PDF 616.12 KB)
- Afghan Commodity Prices (PDF 1.49 MB)
- Present Condition of Roads (PDF 1.95 MB)
- Rebuilding Agricultural Markets Program (PDF 1.87 MB)




Multiple tabs for viewing data and documents

Province

Up one level

Map Satellite Hybrid



Legend

Pro

“Google Map” GIS web application

<https://eko.usace.army.mil/virtualteams/cott/asip/index.cfm?>



ANDS Portfolio Analysis

- Phase I. ANDS performance analysis
 - Analyze project portfolios as they relate to key industrial/economic capabilities, and assess impact
 - Prioritize key capabilities
- Phase II. ANDS risk analysis
 - Identify opportunities/threats, assess risk, focus on one or more key capabilities
 - Recommendations for improving economic/infrastructure plans
- Phase III. ANDS critical path analysis
 - Identify project components that contribute to each key capability, identify schedule dependencies, assess risk vs. benefit
 - Recommendations for investments relating to schedule and budget



Existing Efforts/Plans/Methodologies

- Nangarhar Inc.
- USAID (Alternative Livelihood Focus) and USACE
- ISAF RC-East District Mapping
- PRT/ Afghan provincial plan(s)
- S/CRS assessment
- UNAMA/World Bank/IFC investments
- ANDS
- AIMS database (GIRoA)
- Asia Development Bank



Way Forward - Oct 08 to Feb 09

Oct 31, Review the ongoing efforts and plans in Nangarhar

Databases

Interviews

Identify a sample of portfolios (key capabilities)

Nov 24-25, CONUS workshop

Examine and refine the ASIP Planning methodology

Jan 24-25, On-site interviews

Feb, Afghanistan workshop I

Assess key-capability opportunities/threats

Determine critical-path risk of individual projects/components for a selected key capability

Mar/Apr, Afghanistan workshop II

Assess multiple key capabilities

Determine critical-path risk for multiple key capabilities

Apr, Recommendations for implementation



Partners

- Islamic Republic of Afghanistan
- U.S. Central Command (CENTCOM)
- U.S. Agency for International Development (USAID)
- U.S. Department of Defense (DoD)
- U.S. Department of State (DOS)
- U.S. Business Transformation Agency (BTA)
- U.S. Army Corps of Engineers (USACE)



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