

Consulting Services in IFI financed Communal Infrastructure Projects in Tajikistan since 2009



Thomas Derntl

Senior Expert

thomas.derntl@gwcc.at



Vienna,
10th Nov. 2016



Brief Profile

**Consulting
Design
Project management
Supervision/Monitoring
Operation Management
Public Private Partnership**



Water Resource Management

River Basin Management
River and Lake Restoration
Flood Protection



Communal Infrastructure

Water Supply Systems
Sewage networks
Wastewater treatment plants
Waste Collection systems
Landfills and Waste Treatment
Traffic systems



Environmental Technologies

Industrial Water Treatment
Remediation of
contaminated sites
Treatment of polluted soil



Europe

- Albania (since 1997)
- Croatia (since 1995)
- Bosnia (since 1997)
- Slovenia (since 1985)
- Macedonia (since 1984)
- Serbia (since 1987)
- Kosovo (since 1987)
- Montenegro (since 1987)
- Slovak. Rep. (since 1999)
- Romania (since 1999)
- Bulgaria (since 1999)
- Czech Rep. (since 1998)



International Activities since 1984



Central Asia

- Bhutan (since 2006)
- Tajikistan (since 2009)
- Uzbekistan (since 2011)
- Azerbaijan (since 2011)



Africa

- Tunisia (since 2008)
- Mozambik (since 2008)

Fields of experience



- Wastewater collection/-treatment
- Water supply/-conditioning
- Reconstruction of water and sewer systems
- Constructive water engineering
- Remediation of contaminated Sites
- Waste Management/Reconstruction of landfills
- Civil Engineering/road construction
- Water Resource Management studies
- Environmental impact assessment/ecological studies
- Environmental management/Eco Audits
- Construction/Operation of water facilities

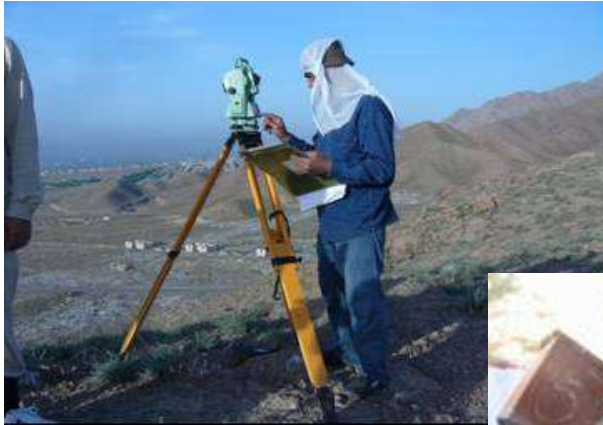


Our service offers for our Clients worldwide

- Project Management in the environmental preview
- Elaboration of Pre-Feasibility Studies and Feasibility Studies
- Elaboration of Investment Plans
- Technical Assistance of Implementation – Consultancy / Design / Supervision
- Financial Management - Controlling
- Institutional Strengthening and Capacity Building Programs for Governmental Authorities and Communal Enterprises
- Participation in Public - Private - Partnerships
- Advice in Operation management



Brief Record of our recent and current Activities in Tajikistan



Objectives:

Preparation of plan for further investment phase in the water supply system of Dushanbe

Provided Services:

- Analysis of current operation status
- Analysis of deficiencies
- Elaboration of Master Plan for Water Supply Operation until 2025
- Prioritization of improvement measures
- Investment Concept for next Investment Phase

Project Period:

2009 – 2010

Project Budget:

0,4 MUSD

Financed by: World Bank

Tajikistan: Improvement of Water Supply System in DUSHANBE



Objectives:

Assessment and Analysis of the waste management system in Khujand

Preparations for investments in order to improve the quality of service

Provided Services:

- Analysis of current operation status
- Analysis of deficiencies
- Elaboration of Long term Waste management Concept until 2025
- Prioritization of improvement measures
- Financial Analysis and tariff study
- Elaboration of ESAP and SEP
- Investment Plan for Priority Investment Phase

Project Period:

2011

Project Budget:

0,35 MEUR

Financed by: EBRD

Tajikistan: Improvement of Waste Management in the City of KHUJAND



Master Plan and Priority Investments Water – Sewage - Waste

Objectives:

Preparatory Services for Investments in order to improve the Communal Infrastructure in Farkhor

Provided Services:

- Analysis of current operation status water-sewage-waste
- Analysis of deficiencies
- Feasibility Study
- Elaboration of Development Concept for water supply, sewage disposal and solid waste
- Prioritization of improvement measures
- Investment Concept for first Investment Phase
- Elaboration of Detailed Design and Bidding Documentation

Project Period:

2011 – 2012

Project Budget:

0,3 MUSD

Financed by: World Bank

Tajikistan: Improvement of Municipal Infrastructure - Water Supply, Waste Water and Solid Waste in FARKHOR



Corporate Development – Urban Waste Management

Tajikistan: Corporate Development and City Support Services for Improvement of the Waste Management in DUSHANBE

Objectives:

Organizational Improvement of Waste management in the City of Dushanbe

Provided Services:

- Corporate development Planning FOPIP and Capacity Building Plan
- Financial Consultancy
- Training Programs

Project Period:

October 2009 – March 2012

Project Budget:

0,6 MEUR

Financed by: EBRD



Corporate Development – Regional Water and Sewage Services

CENTRAL TAJIK Water Rehabilitation Project Corporate Development Program

Objectives:

Financial and Operational Improvement of the Water Supply Operations in the Cities of Tursunzoda, Gissar, Shahrinav, and Somonyion

Provided Services:

- Support in restructuring of the water sector in TJK
- Corporate Development Planning FOIP and Capacity Building Plan
- Financial Consultancy
- Environmental Consultancy
- Social Analysis and Advice
- Training Programs

Project Period:

July 2013 – April 2016

Project Budget:

0,9 MUSD

Financed by: EBRD



What we have notified during our work in IFI Financed Projects in Tajikistan



Project Set Up - Objectives and ToR

- Scope of project and work details and content of deliverables often not sufficiently defined
- Project objectives and some tasks not sufficiently clarified between IFI and local Client
- ToR do not reflect on actual situation - Updates are needed at the beginning of the project
- Different views of IFI and local Client about project objectives and its prioritization (what's more important: Investment or Institutional Development or Social Issues)
- Non-realistic short deadlines for implementation defined

Consequences: Delays and additional efforts already created already in the Inception Phase



Project Implementation – Non Investment Tasks

- Local Client puts always more attention on the investment component and not on organisation development and social tasks – certain efforts required to convince the Client (not described in the ToR but expected by IFI)
- Institutional structures and responsibilities between institutions sometimes not clear – delays in approval procedures
- Decision finding sometimes difficult - different administration levels to be considered
- Lack of qualified staff and lack of know how in the institutions
- Short implementation deadlines do not allow long discussions and clarifications



Project Implementation – Investments

- Tender Procedures are difficult and take long time
- Potential conflicts might arise between International Contract Conditions (obligatory for IFI financed projects), Local Legislation and the local understanding of such rules
- Numerous technological products / components need to be imported – delays in customs, additional costs
- Lack of qualified construction companies – notorious delays in implementation to be considered
- The principle “quality first” is sometimes not being observed
- Slight resistance against innovative technologies in construction works



What we appreciate in our project assignments in Tajikistan and don't want to miss....

The extra-ordinary hospitality, friendly atmosphere in all our projects

- The level of commitment and flexibility provided by several persons and institutions
- The readiness of international and local experts and staff also to work under difficult conditions
- The level of understanding concerning development needs
- The integrated approach to place infrastructure projects into a general approach of regional development and society development





Thank you for your attention....

