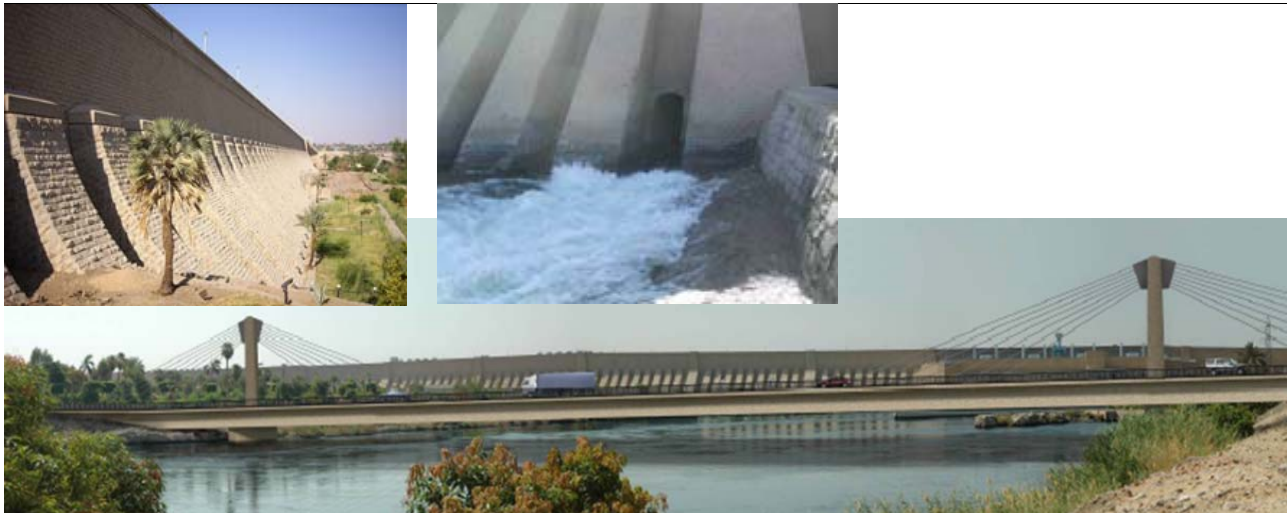


## EGYPT

# FEASIBILITY STUDY ON THE SAFEGUARD OF THE STRUCTURE OF THE OLD ASWAN DAM



<b>Client</b>	Ministry of Water Resources and Irrigation	<b>Scope of Services</b>
<b>Financing</b>	KfW Development Bank	<ul style="list-style-type: none"> <li>• Site investigation of the condition of the existing barrage and associated structures including foundations</li> <li>• Determination of design parameters and preparation of preliminary design of rehabilitation measures</li> <li>• Development and preliminary design of alternatives for constructing a new barrage</li> <li>• Environmental and socio-economic study, capacity building and institutional development</li> <li>• Comparison of rehabilitation option with the new barrage option by economic, technical, environmental analysis</li> <li>• Investigation of the economic and technical feasibility of providing hydropower generation at the barrage site</li> <li>• Preparation of feasibility level designs for technical alternatives of the chosen option.</li> <li>• Demonstration of the economic viability of the chosen option by carrying out a full assessment of the technical, economic and environmental issues associated with its implementation.</li> <li>• Training and integration of counterpart personnel, seminars and presentations</li> </ul>
<b>Duration of Services</b>	08/2007 – 12/2009	
<b>Cost of Implementation</b>	78.25 Mio Euro	
<b>Consulting Fee</b>	1 999 981 Euro	

## Brief Project Description

Feasibility Study on the safeguard of the structure of the Old Aswan Dam, which was constructed 100 years ago, whether the old Aswan Dam is fit for rehabilitation or if a new dam would be the better solution.

The Project to be executed under this contract shall assist the government of the Arab Republic of Egypt in making decision regarding the most appropriate concept for the project: Rehabilitation and upgrading of the existing dam and appurtenant works, or construction of a new dam with appurtenant works, as well as replacement and installation of monitoring instrumentation for both the Old Aswan Dam and the High Aswan Dam.