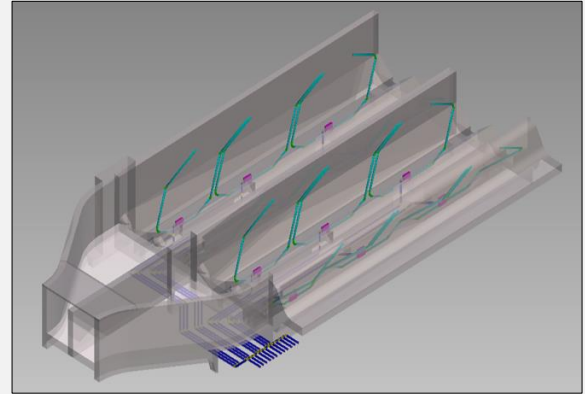


SediCon Sluicers for Deralok HPP, Iraq

SediCon will supply a total of 16 SediCon Sluicers for the stilling basin and the headrace channel.



Zab river



3D-Model of SediCon Sluicers

Project Description:	37.6 MW, Run-of-River, planned to be commissioned in 2019. The stilling basin will be 80m long and 4 m x 11 m wide. Net head is 125,25 m and discharge is 80 m ³ /s. 2 no. of 18.8 MW Kaplan turbines, 4 stilling basins.
Location:	Zab River, Iraq 37°4'17.12"N 43°39'28.88"E
Client:	FARAB INTERNATIONAL FZE
Sediment Challenge:	It is estimated that 920 000 ton sediments will deposit annually in the stilling basin. The sediment deposit will vary in intensity and grain size. Sediment deposition will be most intense upstream, with more coarse sediments than what deposits downstream.
Solution:	SediCon will supply a total of 16 SediCon Sluicer systems for Deralok Hydropower Plant. 12 SediCon Sluicers in the stilling basin (3 SediCon Sluicers in each of the 4 sedimentation basins) and 4 SediCon Sluicers in the headrace channel.
Implementation:	The installation is planned to start in 2018.

SediCon is the leading supplier of sediment handling worldwide and provides reliable solutions with low water consumption and uninterrupted power production.