

## SediCon Sluicers for Indrawati-III HEP, Nepal

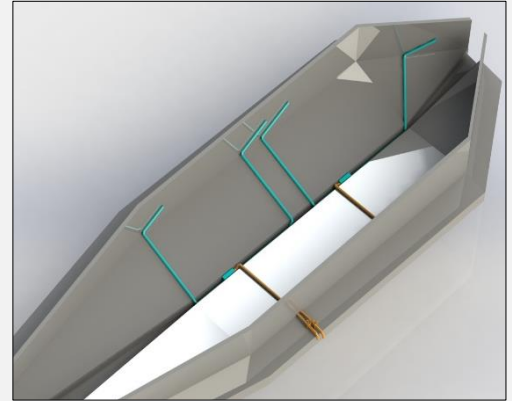
Two custom designed SediCon Sluicer are scheduled to be installed in April 2017.



Indrawati-III



Sediments



Sketch of SediCon Sluicer

<b>Project Description:</b>	7.5 MW, Run-of-River Annual production of 50 GWh, Net head is 65 m and discharge is 14 m <sup>3</sup> /s.
<b>Location:</b>	Nepal <u>27°53'05.04"N 85°36'50.76"E</u>
<b>Client:</b>	National Hydro Power Company (NHPC)
<b>Sediment Challenge:</b>	Indrawati-III is facing severe sediment deposition in the existing desilting tanks, especially during monsoon periods as heavy silt is brought by the river. This leads to closing of the power plant to clean the chambers.
<b>Solution:</b>	SediCon will supply two SediCon Sluicers in the existing desilting tanks to remove the sediments that gets settled.
<b>Implementation:</b>	SediCon will provide design, supply, installation, testing and commissioning services for the incorporation of the SediCon Sluicer system in the desander.
<b>Results:</b>	The SediCon Sluicers are scheduled to be installed in April 2017, before the monsoon season.

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