



Hydropower
Evolutions

Project Description

**E.ON SE
2010-2015**

As part of the “Outside Europe Strategy” HE’s team (on behalf of E.ON) carried out several initial site assessment in the focus countries Brazil, India and Turkey.



Site Assessments | Various Locations

Brazil, India and Turkey

Services provided by HE

- Examination of the physical project environment incl. site access, grid connection, topography, geology, seismicity, sedimentation, and hydrology
- Assessment of technical parameters, basis of design, plant layout, and construction design
- In-depth hydraulic modeling, review of generation volumes, and analysis of upstream and downstream developments
- Plausibility checks of authorization & licensing, CAPEX, OPEX, and project scheduling
- Input regarding O&M strategy, dam safety, sustainability performance, operation & engineering concept, construction programs & impounding
- Evaluation of project risks and opportunities incl. environmental issues, social impacts, and the political project environment
- Participation in site visits and expert sessions
- Visualization of findings and recommendations
- Risk evaluations
- Energy economic models

If you would like learn more about our projects, please contact us and we will connect you with our project managers.

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