



confirming its capability as ingenious problem solver of high complexity projects. These include multi national cooperation and transaction agreements, i.e.:

- **Grand Inga 34.000 MW HPP Masterplan (Zaire and Popular Republic of Congo)**
- **Itaipu' 12.600 MW HPP (Brasil and Paraguay)**
- **Pancheswar 7.200MWHPP(IndiaandNepal)**

[Technology transfer:](#) ELC professional and technical advice as well as Management Build--up is granted trough an independent, critical and open approach.

Transfer of innovative and cost effective technology has the specific aim to safeguard and prioritize Client's interest and develop long--term relationships.

Coaching is achieved by means of on-the-job training, by seminars and conferences on specific technical aspects, either at Site, or, if required, in ELC's Milan home office.

[Natural resources optimisation:](#) ELC provides accurate field analysis, screening and conclusive assessment of the full potential of available hydro-resources, their sustainable exploitation and the state of the art, most convenient technology.

[Integrated management of river basins:](#) Substantial climatic changes such as heavy orographic rains followed by severe draughts develop growing geomorphological and environmental hazards.

These issues require attentive landslide risk management, more than responsive eco-sustainability consultancy and integrated management both of power generation and multipurpose projects.

Therefore, rationalization and maximization of scarcely available water resources is always a key priority whenever analyzing multipurpose hydropower / pumping plant developments (energy, agriculture, drinking water supply, flood control) and during hydropower systems studies in single or interconnected basins.

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