



List of Advisory Services

Project Development

- Project screening and identification
- Project and design review
- Concept and design studies
- Pre-feasibility studies
- Feasibility studies
- Design process management
- Design optimization
- Economic evaluation and simulation
- Environmental and social impact assessment
- Sustainability performance management
- Permitting support
- Stakeholder management
- Project visualization
- CAPEX excellence

Project Execution

- Tender process steering
- Contractor pre-selection and evaluation
- Contract negotiations
- Contract management
- Safety management
- Construction management
- Construction supervision
- Site acceptance of components
- Quality assurance

Commissioning

- Impounding concept development
- Commissioning setup
- Factory acceptance supervision for turbines and generators
- Takeover support services
- Warranty management

Rehabilitation

- Rehabilitation process management
- Lifetime and condition assessment
- Rehabilitation concept

Acquisition & Divestment

- Market analysis
- Hydropower potential studies
- Market entry/exit strategy
- Partnership models
- Technical and commercial due diligence
- Asset/portfolio valuation
- Economic evaluation and simulation
- Sustainability performance assessment
- Lenders engineering services

List of Asset Management Services

Governance Instruments

- Organizational setup
- Asset management system
- Asset governance and information systems
- Asset database development
- Business guidelines
- Process management
- Performance review
- Operations & maintenance (O&M) audits
- Health, safety, security and environment (HSSE) audits
- Lobbying support

Risk Management

- Asset risk management
- Condition monitoring
- Plant and process safety management
- Risk register development and administration
- Dam safety risk management
- Dam safety assessment and monitoring concepts
- Investment prioritization (CAPEX)
- Incident investigations
- Insurance reinstate, procurement and risk assessment

O&M Performance Management

- Asset strategy
- Lifetime and condition assessment
- Optimization of O&M activities (OPEX)
- Cost benchmarking
- Insourcing/outourcing concepts
- Core competence programs
- O&M trainings and workshops
- Service agreements
- Contractor/supplier pre-selection and evaluation
- Warranty management
- Operational excellence

Portfolio Optimization

- Portfolio management concepts
- Economic evaluation and simulation
- Asset valuation
- Reservoir/cascade simulations and modeling
- Portfolio development strategies

Sustainability Management

- Sustainability performance enhancements
- Environmental and social impact management and monitoring
- Water management
- Application of Hydropower Sustainability Assessment Protocol (HSAP)

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