



Hydro Technical Consultant

HYDRO TOTAL SOLUTION PROVIDER

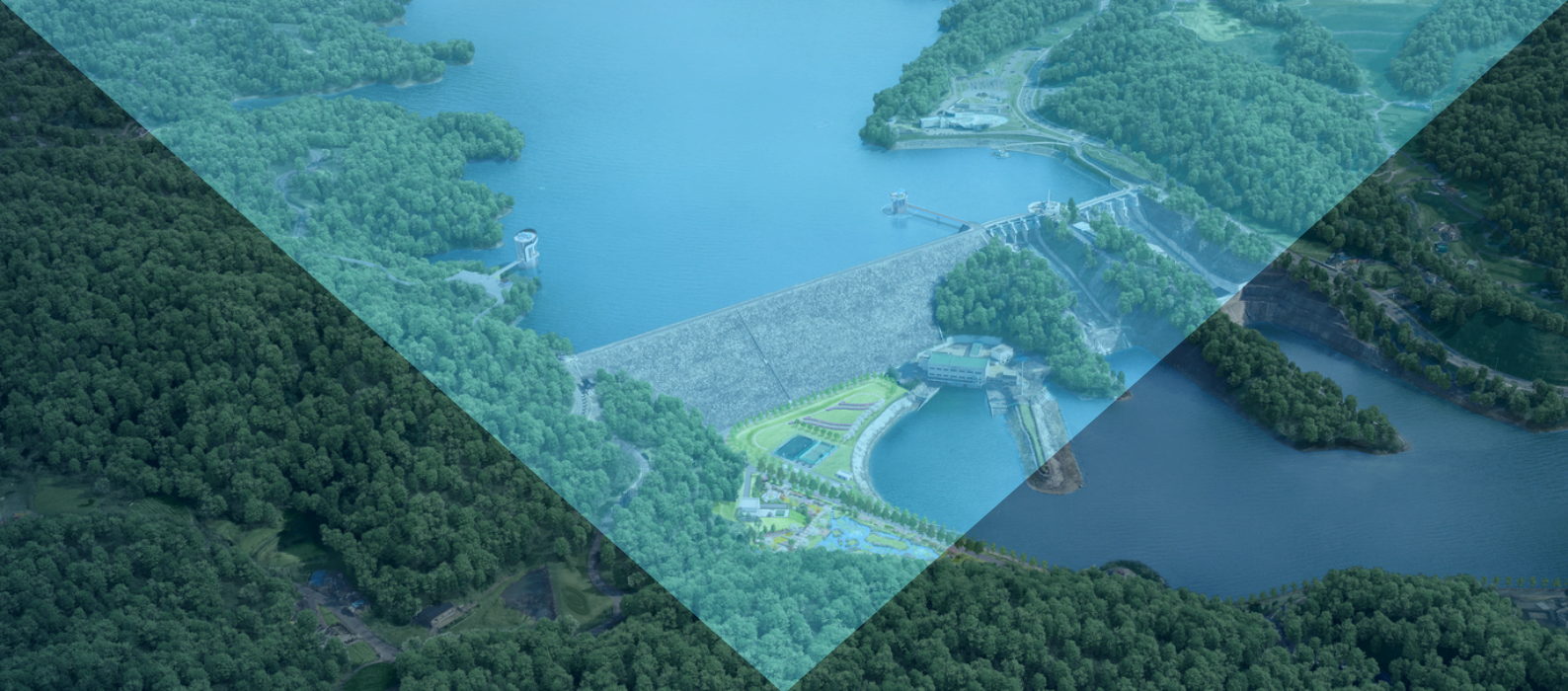


Address

522 Glass Tower, 11, Seongnam-daero 916beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do
1409 Highfield B, 66 Bulmal-ro, Dongan-gu, Anyang-si, Gyeonggi-do

call us

TEL : 82 - 31 - 605 - 8680
FAX : 82 - 31 - 705 - 8679



ABOUT US

“HTC designs the future of sustainable energy.”

As a specialized company in the field of hydroelectric power generation, we are a Hydro Total Solution Provider responsible for the entire process of hydroelectric power plants from planning to completion. With over 30 years of experience in domestic and international hydroelectric power plants and a team of highly advanced technical experts, we have successfully completed various domestic and international projects and established ourselves as a trusted partner with innovative designs that satisfy both customers and the environment.



Mission



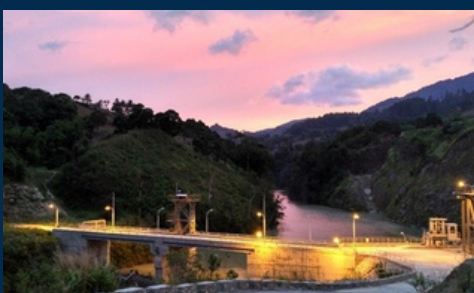
**Continue to expand customer and social value
with the best technology**

Designing your future with possible developments

Responsible Engineering Practices



Vision



“A better future with technology”

**HTC goes beyond simply providing energy;
together with our customers, we design a
sustainable future where humanity and the
environment coexist .**

WHAT WE DO?

Support for the entire process of hydroelectric power plant

Planning → Design → Construction → Completion

Hydroelectric power plant design and construction support

Business review and technical consulting

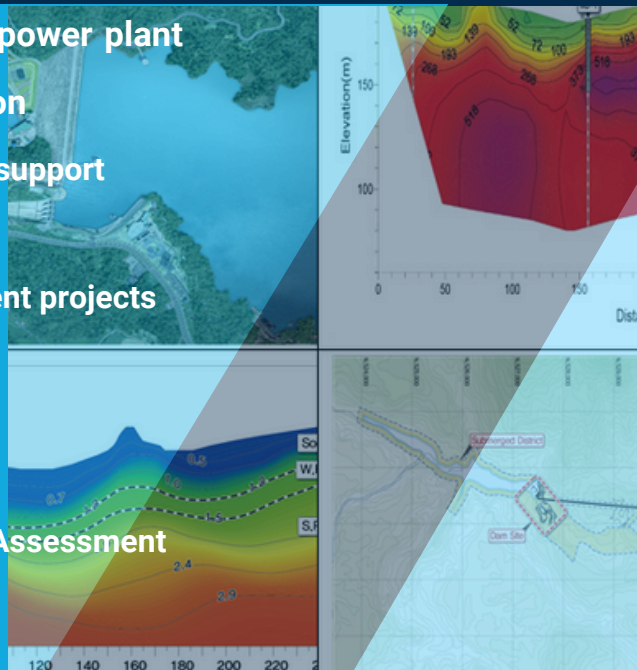
Execution of overseas private power plant investment projects

Field planning and research

Soil · Surveying · Flow · Water Quality Survey

Earthquake and Environmental Impact Review and Assessment

Overseas project execution



WHY CHOOSE US

01

Professional skills with expertise and differentiated experience

Abundant experience in designing and constructing domestic and international hydroelectric power plants

Experience in planning and designing overseas private power plant investment projects

Experience in the entire process (planning → design → construction → completion)

02

A Trusted Partnership

Customized consulting to achieve your goals

Take responsibility and achieve results within the given time

High quality performance and risk minimization with abundant overseas business experience

Action

Carrying out projects with sustainability in mind

Designed with safety and reliability as top priorities

Providing differentiated engineering solutions

PERFORMANCE

Hydroelectric power

HTC is working to secure water resources through planning and designing dams and reservoirs while also working to produce clean energy. In addition, we are continuously conducting research and development to protect the lives and properties of the people from floods and various disasters. We have experience in various fields such as hydropower planning, basic planning, and basic/detailed design as well as T/K, alternative design, and overseas private investment projects. Based on our accumulated experience and knowledge and continuous research, we promise to perform our work systematically and responsibly.



Andong Dam Safety Enhancement Project

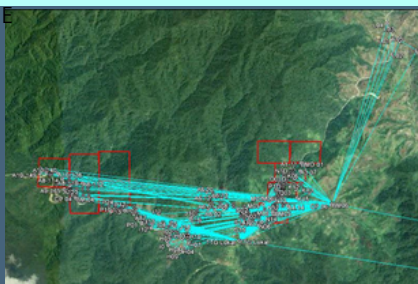
Juam Dam Safety Enhancement Project



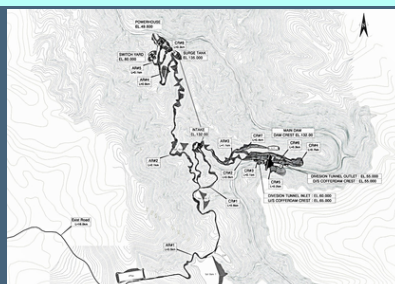
Yeongdong pumped storage power plant



Tripa 2 hydroelectric power plant



Pongkeru hydroelectric power plant



Participation Business

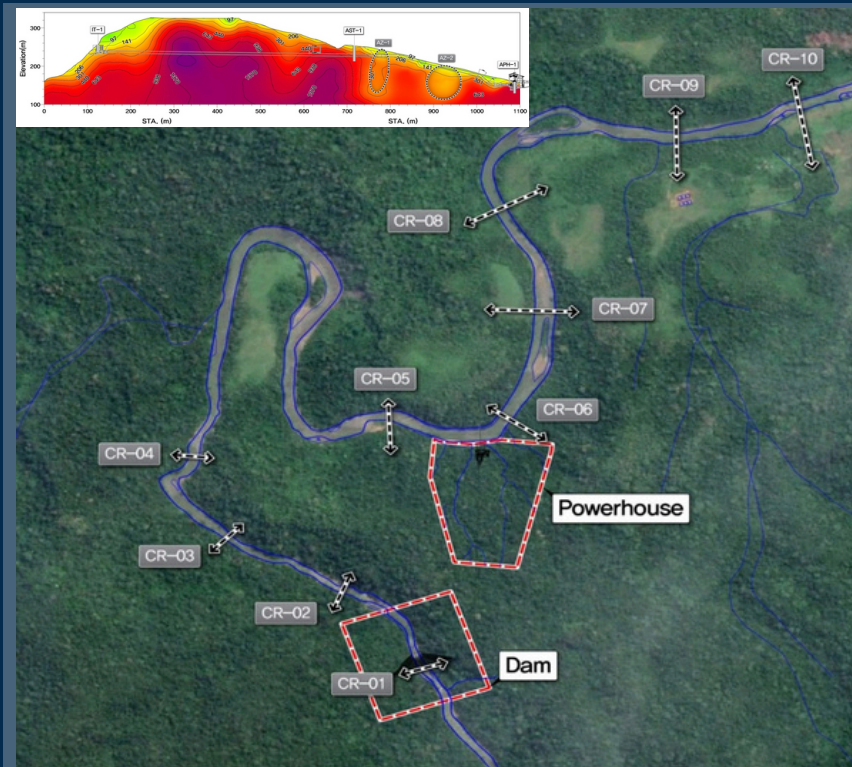
- Andong Dam Safety Enhancement Project
- Juam Dam Safety Enhancement Project
- YongDam Dam Safety Enhancement Project
- Yeongdong pumped storage power plant units 1 and 2
- Indonesia Pongkeru hydroelectric power plant
- Kaperas hydroelectric power plant in Indonesia
- Indonesia Tripa-2 hydroelectric power plant
- Flores Hydroelectric Power Plant in Indonesia
- Indonesia Peusangan4 hydroelectric power plant
- Samarkilang hydroelectric power plant in Indonesia
- Philippines Didipio Hydroelectric Power Plant

Participation work

- Basic and implementation design of dam stability enhancement project to prepare for climate abnormalities
- Design of large-scale construction bidding (T/K)
- Feasibility study on overseas hydroelectric power generation projects
- Support for overseas private investment development projects
- Preparation of construction execution plan
- Bidding design for overseas private investment development projects
- Development of overseas private investment development projects

Ground investigation

HTC provides optimal solutions through ground investigation, geological exploration, analysis and design based on this, based on long-term experience and expertise. We provide solutions. We prioritize the characteristics of the site and the needs of our customers, and provide the best results for sustainable power plant construction through economical and safe design.



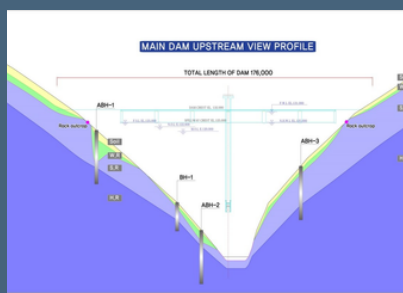
Samarkiling Hydroelectric Power Plant

Participation Business

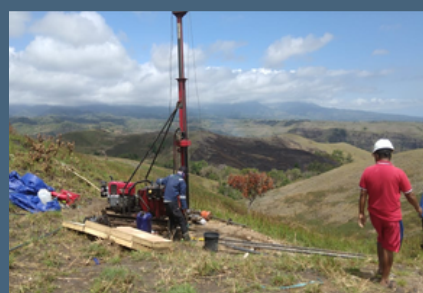
- Indonesia Pongkeru hydroelectric power plant
- Kaperas hydroelectric power plant in Indonesia
- Indonesia Tripa-2 hydroelectric power plant
- Flores Hydroelectric Power Plant in Indonesia
- Indonesia Peusangan4 hydropower plant
- Samarkilang hydroelectric power plant in Indonesia
- Philippines Didipio Hydroelectric Power Plant
- Philippines Sierra Water Supply

Pongkeru Hydroelectric Power Plant

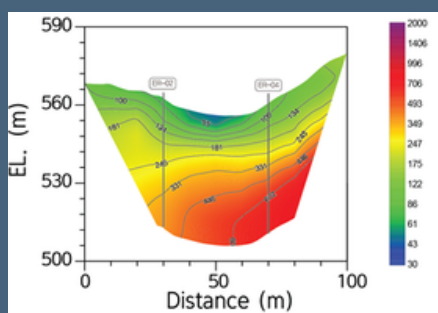
Flores Hydroelectric Power Plant



Tripa-2 Hydroelectric Power Plant



Didipio Hydroelectric Power Plant



Participation work

- Terrain analysis
- Pre-structure analysis
- Lipid analysis
- Geological survey by structure
- Drilling survey
- Elastic wave exploration
- Earthquake impact review

Field-specific research

HTC has professional engineers with outstanding knowledge through diverse experiences ranging from overseas hydroelectric power plant planning, surveying, designing, and construction, who perform the work directly on site, giving you the confidence to provide high-quality results that meet your needs in field-specific surveys that are practically difficult for domestic companies to perform.



Hydrological survey (Sierra dam)

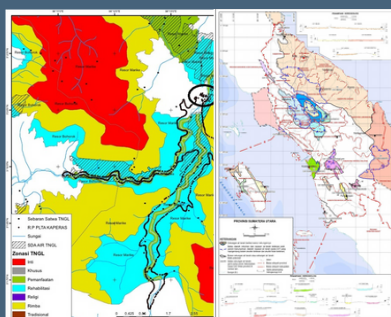
Drone survey
(Didipio hydroelectric)



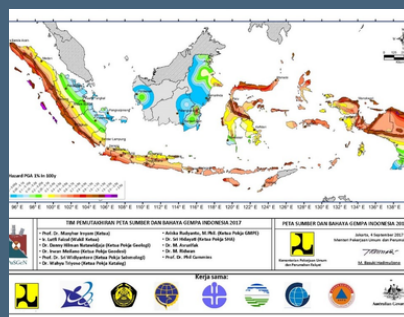
Transmission System survey
(Papak hydroelectric)



Environmental impact survey
(Kaperas hydroelectric)



Active fault survey
(Pusangan hydroelectric)



Participation Business

- Indonesia Pongkeru hydroelectric power plant
- Kaperas hydroelectric power plant in Indonesia
- Indonesia Tripa-2 hydroelectric power plant
- Flores Hydroelectric Power Plant, Indonesia
- Indonesia Peusangan4 hydropower plant
- Samarkilang hydroelectric power plant in Indonesia
- Indonesia Lawe Alas hydroelectric power plant
- Indonesia Papak hydroelectric power plant
- Philippines Didipio Hydroelectric Power Plant
- Sierra Water Supply, Philippines
- Jakarta Waste Treatment Plant, Indonesia

Participation work

- Hydrological survey: flow rate, water depth, water quality survey
- Surveying (satellite, drone, total station)
- Transmission Line System Investigation
- Transmission line route, Substation connection
- Environmental impact survey
- Environmental and social impact survey
- Earthquake survey, earthquake impact analysis, Active fault survey
- Investigation of material sources
- Investigation of major material and equipment transportation routes

Thank You

Because, we're here to help

HTC designs tomorrow together with customers and becomes a company that creates greater value. As a trusted partner, we will do our best to provide better technology and innovative design solutions. Customer success and satisfaction are HTC's goals, and we will create a better future together.



Address

522 Glass Tower, 11, Seongnam-daero 916beon-gil, Bundang-gu, Gyeonggi-do
1409 Highfield B, 66 Bulma-ro, Dongan-gu, Anyang-si, Gyeonggi-do



Telephone

TEL : 82 - 31 - 605 - 8680 FAX : 82 - 31 - 705 - 8679



E-Mail

truehuman@hanmail.net

HTC

Hydro Technical Consultant