

Architectural Engineering Projects					
Skydrops sustainable water technologies	Qatar	Skydrops	A2Z was responsible for preparing fit-out designs for the project and seeking approval from the relevant authorities such as Qatar Free Zones, and Qatar Civil Defence Department.	2023	Consultancy Services
Aero Logistics QFZ LLC	Qatar	AERO Logistics	A2Z is responsible to design the project and acquire approvals from relevant authorities.	2023	Consultancy Services
Aero Logistics QFZ LLC	Qatar	AERO Logistics	This is supervision consulting services. A2Z is responsible for supervising the project during the construction stage and meeting all the necessary project requirements to ensure the Quality, cost, and timeline are properly met.	2023	Consultancy Services
Matz Medical, UK	Qatar	Matz Medical	Interior fit out desining and approval.	2023	Consultancy Services
Water Engineering Projects					
Monitoring of the implementation of ecological flows and review of discharges for future management	Catalonia, Spain	Catalan Water Agency	Analysis of the impact of the implementation of ecological flows in selected sections of Catalan rivers in terms of different bioindicators related to river fauna and vegetation. Modelling of the response of fluvial habitat to changes in flow discharge and analysis of the suitability of different scenarios of flow management for different fish species as well as for the evolution of riparian forest. Application of the results for the revision of ecological discharges in Catalonia, performed by the Catalan Water Agency.		Consultancy Services
Restoration of fluvial environment around the Colonia Rio Dam in Calders River (Monistrol de Calders, Barcelona, Spain)	Catalonia, Spain	Catalan Water Agency	Project on the removal of an abandoned dam and restoration of the fluvial environment in a river reach of Central Catalonia. Planification of the sediment management in terms of sustainability and maintenance of natural river conditions. Possible impacts of the actions in the river fauna and vegetation. Alternative analysis of measures to restore river longitudinal connectivity for the fish species involved.		Consultancy Services
River restoration around Can Coch Dam (Llanars, Girona, Spain)	Catalonia, Spain	Catalan Water Agency	Removal dam project related to a dam in the Ter River in the Catalan Pyrenees. Analysis of different options to restore river connectivity for the fish species of the area. Impact of the removal in a nearby bridge and application of protection techniques to counteract the predicted descent of river bed as a consequence of dam removal and tendence to equilibrium slope of the river.		Consultancy Services
Restoration of the floodplain in Illa d'Avall at the Ter River (Jafre, Girona, Spain)	Catalonia, Spain	Catalan Water Agency	Analysis of the fluvial processes in a river reach which has suffered incision as a consequence of sediment deficit and discharge regulation associated with upstream dam building. Restoration of a secondary channel in the internal area of a meander, aiming to improve the connectivity between the main river and the floodplains and consequently ameliorate the conditions of riparian forest in the area. Management of exotic vegetation species and revegetation with endemic species.		Consultancy Services
Analysis of possible measures to reduce eutrophication in Bellus Reservoir (Valencia, Spain)	Catalonia, Spain	Catalan Water Agency	Assessment of possible actions proposed to improve the ecological status of a reservoir in the area of Valencia (Spain). Alternative analysis for sediment management inside the reservoir considering the nutrients and contaminants observed in sediment analysis. Management of outflow considering different periods of the year and the status of stratification inside the reservoir. Analysis of the impact of wastewater treatment plants on the situation of the reservoir. Evaluation of nutrient production at the basin scale related to agricultural and farming land use.		Consultancy Services

Restoration of the floodplain at Colomers meander (Colomers, Girona, Spain)	Catalonia, Spain	Catalan Water Agency	Analysis of measures to restore river connectivity between the main channel and the floodplain at a reach of the lower Ter River. Partial elimination of a lateral dyke in order to restore water flow and enhance the entrance of water in the floodplain terrasses. Improvement of riparian forest conditions and vegetation management, promoting endemic species in contrast to exotic ones.		Consultancy Services
Hydraulic and environmental restoration of Ondara River (Barbens, Lleida, Spain)	Catalonia, Spain	Catalan Water Agency	Restoration of a river reach which has been highly impacted by agricultural activities and is currently channelized by a culvert flowing under the ground for several kilometers. Recovery of the natural status and analysis of flood risk related to different alternatives considered. Restoration of the river course as a connection axis for fauna and vegetation. Recovery of ecosystem services related to the river.		Consultancy Services
River restoration of Riera de Castellolí (Castellolí, Barcelona, Spain)	Catalonia, Spain	Catalan Water Agency	Restoration of a river reach affecting an urban area. Management of exotic vegetation and recovery of the natural status of the river. Management actions to improve and reduce flood risk for the urban infrastructures, avoiding the potential blockage of bridges and river structures by vegetation.		Consultancy Services
Techno economic analysis to demonstrate the technical and commercial viability of 4.6 MW the project	Catalonia, Spain	Catalan Water Agency	Trident Power is developing a 4.6 MW Low-Head Run of the Canal Ravi Hydropower Project located at RD. 260+000 on the Lower Bari Doab Canal, District Okara, Province of Punjab. We carried out the techno economic analysis to demonstrate the technical and commercial viability of the project in the context of Pakistan's power mix under the tariff review motion filed against NEPRA's original decision disallowing the Company's Feasibility Stage Tariff Petition under cost plus mechanism. Prepared the new tariff of the Company after cost rationalization and prepared a techno-economic justification of the project in comparison to other hydropower projects and the thermal alternatives. Trident Power JB Limited (TPJB), 2021		Consultancy Services
Techno economic analysis Techno economic analysis to demonstrate the technical and commercial viability of 4.6 MW the project	Catalonia, Spain	Catalan Water Agency	Trident Power is developing a 7.55 MW Low-Head Run of the Canal LCC Hydropower Project located at RD. 1+500 on the Lower Chenab Canal, District Gujranwala, Province of Punjab. We carried out the techno economic analysis to demonstrate the technical and commercial viability of the project in the context of Pakistan's power mix under the tariff review motion filed against NEPRA's original decision disallowing the Company's Feasibility Stage Tariff Petition under cost plus mechanism. Prepared the new tariff of the Company after cost rationalization and prepared a techno-economic justification of the project in comparison to other hydropower projects and the thermal alternatives. Trident Power GR Limited (TPGR), 2021.		Consultancy Services
Zulal Resort, Qatar	Qatar	3E Qatar	Beach Cleanup & Rehabilitation Project, Zulal Resort, MP, Qatar	2019	Consultancy Services

