

STECON : Value Chain

Item	Business Segment	Upstream Activities	Mid-level Activities	Business activities	Downstream Activities
1	Engineering and Construction Business	<ul style="list-style-type: none"> - Identify market opportunities and target project. - Project bidding and price proposal submission. - Material procurement, subcontracting. - Engineering work. - Construction planning. - Material quality inspection. 	<ul style="list-style-type: none"> - Construction execution according to construction schedule. - Quality control. - Resource management including labor, machinery, and construction materials. - Risk management. - Safety and occupational health management. 	Engages in construction work of all types, both civil and mechanical projects such as infrastructure work, buildings, energy and power, industrial work, and environmental work.	<ul style="list-style-type: none"> - Project inspection and handover. - Project warranty and after sales services. - Customer relationship management.
2	Construction Technology Services Business	<ul style="list-style-type: none"> - Sourcing and selecting construction technology solutions across both software and hardware. - In-house research and technology assessment, prototyping and testing, and validation for practical applications. 	<ul style="list-style-type: none"> - Development of software platforms and hardware. - Integration of IoT, AI, and robotics technologies into construction operations. - Construction project data management and analytics to enhance operational efficiency. 	Provision of construction technology solutions to enhance project efficiency, safety, quality, and progress performance.	<ul style="list-style-type: none"> - User training. - System maintenance and technical support. - Data analytics services for clients.

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3	Clean Energy	<ul style="list-style-type: none"> - Finding market opportunities. - Finding Strategic Partners. - Fundraising. - Negotiating and developing agreements or contracts with partners. - Infrastructure planning, design and development. - R&D: Enhancing renewable energy technologies such as solar, hydro, and wind to improve efficiency, reduce cost, and minimize environmental impact. - Integration and synergy: Exploring the use of clean energy in water treatment systems and wastewater management in power plants. 	<ul style="list-style-type: none"> - Engineering and construction: Design and construct clean energy power plants such as solar, wind, and hydropower plants. - Energy equipment procurement: Sourcing equipment for power plants such as solar panels, and wind turbines. - Energy storage and transmission. - Cost management. - Raw material and alternative material management including supply chain optimization. - Investment and concession contract management. 	<p>Engage in the clean energy investment business as a producer, operator, maintenance service provider, and provide of management services.</p>	<ul style="list-style-type: none"> - Energy market and sales: Supply electricity to EGAT, industrial estates, and communities. - Brand building: Building a resilient brand with a focus on sustainability and environmental responsibility. - Value creation: Enhance products or services, develop new offers, and provide market-oriented solutions. - Explore new markets and service channels in clean energy and Zero Discharged Solutions. - Customer support and after-sales services: maintenance, repair, and technical support.

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		<ul style="list-style-type: none"> - Energy resource exploration and assessment: Evaluating the potential of renewable energy sources such as solar intensity, wind speed, and water availability. 			
4	Digital Infrastructure	<ul style="list-style-type: none"> - Finding market opportunities. - Business opportunity and technology trends analysis. - Project scouting and selection. - Funding and resource sourcing. 	<ul style="list-style-type: none"> - Construction and development of infrastructure. - System procurement and installation. - System testing and verification. - Cost management. - Investment contract management. 	Invest in new technologies and data centers.	<ul style="list-style-type: none"> - Provide services and management. - Marketing and brand building. - Service development and business growth. - Operation and maintenance.

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5	Water Management	<ul style="list-style-type: none"> - Finding market opportunities. - Finding Strategic Partners. - Fundraising. - Negotiating and developing agreements or contracts with partners. - Infrastructure planning, design and development. - R&D: Developing water treatment technologies to ensure clean, high-quality, and standard-compliant water. - Integration and synergy: Exploring the use of clean energy in water treatment systems and wastewater management in power plants. - Water source exploration and assessment: Surveying and evaluating 	<ul style="list-style-type: none"> - Design and construction of water treatment plants with modern systems and equipment. - Water Treatment Equipment Procurement: Sourcing equipment for water treatment plants, such as membrane filter, pumps, and pipes - Raw Material Procurement: Acquiring necessary raw materials, such as chemicals for water treatment - Cost management - Raw material and alternative material management including supply chain optimization - Investment and concession contract management. 	<p>Invest in the water management business as a producer, operator, maintenance service provider, and provider of management services.</p>	<ul style="list-style-type: none"> - Clean water market and sales: Supply clean water to industrial estates and communities - Brand building: Building a resilient brand with a focus on sustainability and environmental responsibility - Value creation: Enhance products or services, develop new offers, and provide market-oriented solutions - Explore new markets and service channels in water management - Customer support and after-sales services: quality control, maintenance, and technical support.

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		<p>the quality of raw water sources such as rivers, lakes, and groundwater for clean water production.</p>			
6	Logistics and Transportation Infrastructure	<ul style="list-style-type: none"> - Finding market opportunities. - Finding Strategic Partners. - Fundraising. - Negotiating and developing agreements or contracts with partners. - Infrastructure planning, design and development. 	<ul style="list-style-type: none"> - Construction and development of project. - Project management and quality control. 	<p>Engages in the business of investing in businesses related to transportation infrastructure, such as expressways, railways, airports, and other related facilities.</p>	<ul style="list-style-type: none"> - Customer service - Operation and maintenance - Marketing and value creation - Customer Relationship Management