

stx
World Best

World Best





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Challenge on board, Future on board

STX continues its advance to realize its dreams and future of becoming the world's best company.

STX is a global company taking an active role all over the world, realizing its vision as the "World's Best." Having achieved amazing growth, STX is soaring toward a brighter future. With 130 global networks, state-of-the-art technology and superb human resources, STX will solidify its position as the world's leading company. STX's true success story begins now.



“ STX is preparing for a much grander future. Delivering dreams and a bright future to the customers, STX will be a globally respected company. ”

STX is constantly taking on challenges in various parts of the world



Since its establishment in 2001, STX has grown to become one of the top business groups with 60,000 employees. STX has promoted its businesses in the global market based on the motto, “Realize its dream overseas.” As a result, it has become a global business group with 90% of its total sales being made overseas along with 130 global networks.

Last year, STX made efforts to stabilize its global business and expand into new markets. In the Shipping & Trading business sector, STX delivered 140 million tons of cargo. STX is also the only company in the world to build 4 different kinds of ships - merchant ships, offshore vessels, cruise ships, and warships - with 3 shipbuilding bases in Korea, China, and Europe. STX strengthened its position in the Plant & Engineering business by securing large-scale projects in the Middle East, including Iraq and Saudi Arabia. The Energy business was equally successful. This included securing stakes in gas and oil fields in South America and Asia, and building the first private-sector thermal power plant in Korea. The company is giving spurs for the upgrade of its business structure by uncovering new growth engines in emerging markets of Russia, Middle East, and South America.

Rearming itself with creative endeavor and the strength of positive thinking, STX will continue with company-wide endeavors to be a winner in an ever competitive global market competition that is becoming ever fiercer with the ongoing global economic depression aggravated by the European fiscal crisis among others. The company will strengthen its operational capabilities, maximize customer satisfaction and discover new businesses. STX will also foster human resources and expand its new growth engines - the resources, energy, and plant businesses. With this, STX will make all possible efforts to achieve USD 35 billion in orders received and USD 25 billion in sales and improve its operating profit. In order to achieve such growth, STX will enhance its production systems and add to its technological capabilities. STX will also retain its commitment to transparent, ethical and win-win management. In addition, STX will fulfill its responsibilities as a corporate citizen through a broad range of social contribution activities.

STX will move toward the vision of becoming the “World’s Best company with dreams and a future” by discovering business opportunities. We at STX desire your interest and encouragement in our ceaseless challenge to bring dreams and a bright future to our customers.

A handwritten signature in black ink that reads "DS KANG".

Chairman of STX Business Group
Kang, Duk-soo

Five oceans and six continents: The whole world is STX's stage

By dividing the world into the 7 regions of Europe, Africa, Northeast Asia, Southeast Asia, Middle East, North America, and South America, STX is systematically implementing its business strategy based on 130 global networks. In Europe, STX is distinguishing itself in the fields of cruise ships and specialized vessels, and in the Middle East STX is doing brisk business in the Plant & Engineering sector. In Northeast Asia, STX is solidifying its position by developing localization, and in Southeast Asia STX is growing into the general logistics and a trading company. In America STX launched a grain terminal business and concluded the largest COAs in iron ore and wood-pulp transportation.

Africa



STX has undertaken many business opportunities in African countries, beginning with the development of a nickel mine producing 60,000 tons a year in Madagascar in 2006. It also established a subsidiary of STX Pan Ocean's local corporation in 2008.

Countries: Madagascar, Ghana, Nigeria, and Lybia

Europe



European operations are led by STX Europe, which builds the largest cruise ships in the world. STX Corporation and STX Pan Ocean carry out shipbuilding & shipping business, while STX Wind-power in Netherlands owns the business in the onshore and offshore wind power generation business.

Countries: Finland, France, Norway, Denmark, England, Ireland, Netherlands, Belgium, Greece, and Turkey

Middle East



In the Middle East where STX keeps its focus as a new market for its plant business, STX has successfully completed a power plant project in Iraq and is pushing for an integrated steel mill complex and an oil & gas combined cycle power plant in Iraq. The company is reaping its rewards by building a petrochemical plant and a mega-sized housing complex in Abu Dhabi.

Countries: UAE, Saudi Arabia, Iraq, and Jordan

Southeast Asia



While aggressively pushing for the development of resources such as oil, coal, gas, and iron ore in Australia and Indonesia, the company is working for resources development with shipbuilding linked with an engine in India and an engine and oil business market expansion in Vietnam.

Countries: Malaysia, Vietnam, Singapore, India, Indonesia, Thailand, and Australia

Northeast Asia



STX has advanced into this region through an exhaustive localization strategy. Bases here include STX Dalian Shipbuilding Complex, a fully-integrated shipbuilding complex. STX has also launched a shipbuilding business in Russia, after signing an MOU with Mechel, Russia's largest resource developer in September 2012.

Countries: China, Japan, Taiwan, Russia, Kazakhstan, and Mongolia

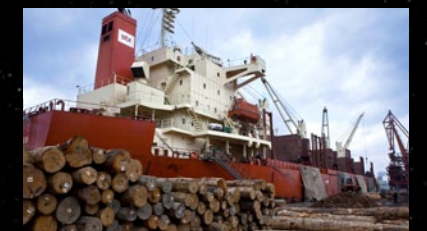
North America



STX entered the grain terminal business by building a terminal at Longview Port in U.S.A. in July 2012. STX also acquired a stake in the Maxhamish gas field in Canada, and an oil field in the Alabama, U.S.A.

Countries: Canada, USA (New Jersey, Portland, New Orleans, Texas, and Houston)

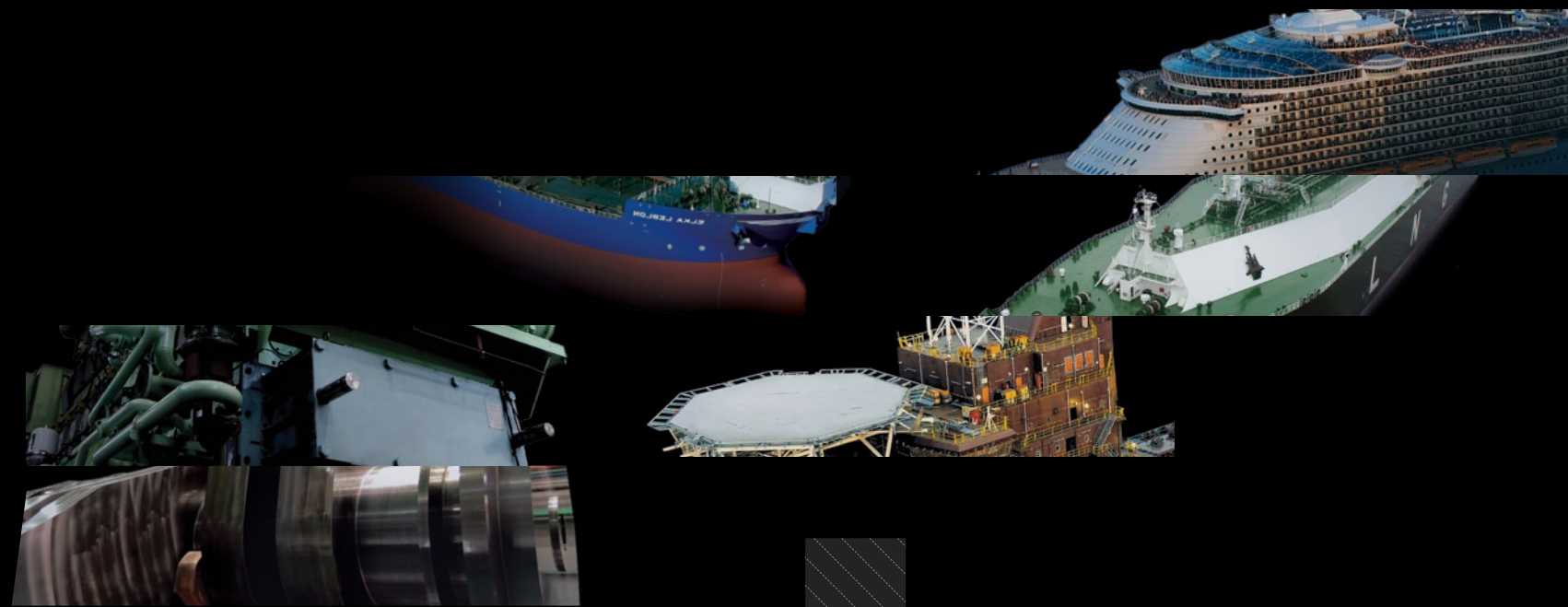
South America



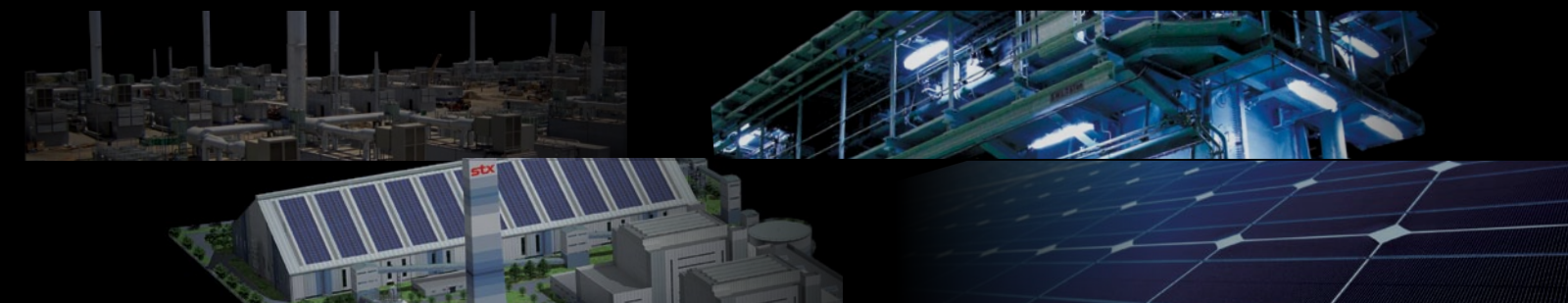
STX signed the world's largest COA with the Brazil-based world's largest iron ore mining company in 2009. STX also concluded a USD 5 billion COA with the world's largest pulp company, and advanced into the offshore mining field development support business.

Countries: Brazil and Chile

World Best Products



World Best STX



STX's products are becoming new paradigms in the global market. STX will be a global leader through the development of the world's best technology.

STX's state-of-the-art technology has been recognized by its global customers through such cutting-edge products as the world's largest cruise ships, the 173,600CBM class highest-efficiency LNG carrier, and Elka Leblon, the shuttle tanker that won the Best Ship Award 2012. STX is experiencing an excellent outcome in engineering & plant including the construction of a containerized power plant in Iraq and Bukpyeong Thermoelectric Plant as the country's first base load thermoelectric plant. STX has invested in the improvement of its technology since its establishment, and is leading in its technological prowess and handling rapid changes in the global market by maximizing its R&D capacity including securing original core technology and developing the world's top products.

The World's Largest Cruise Ships

Oasis of the Seas · Allure of the Seas

Oasis of the Seas and Allure of the Seas, the world's largest super-luxury cruise ships, introduces innovative design and cutting-edge technology. The vessels even have the Central Parks, which are three-and-a-half football fields long, and are located at the center of the ships. Oasis of the Seas and Allure of the Seas are the cruise ships on which the world's best shipbuilding designs and technology was integrated and environmentally friendly shipbuilding methods applied to reduce fuel and power consumption. STX proved itself as the leading company in larger cruise ships once again by winning the order for another cruise ship of the same class from Royal Caribbean in 2012.



225,000 GT

World's Largest Cruise Ships

The Most Efficient LNG Carrier

173,600CBM LNG Carrier

The 173,600CBM-class LNG carrier, built by STX Offshore & Shipbuilding, is a high value-added ship that has been designed to meet the needs of an era of high oil prices in terms of both efficiency and cargo-loading capacity. By using space efficiently, it can load more LNG than any other carrier in its class. In addition, its fuel usage is reduced by more than 5% compared to other electrical-powered LNG carriers. This is done by adopting an energy-saving propulsion system. The company also completed the development of an Arctic Ice Breaking Shuttle LNG Carrier that can operate in ice up to 1.5 meters without needing the help of an ice breaker. The project was carried out in cooperation with STX Europe.



173,600 CBM

Loadable Gas Capacity

Unrivaled Product in the World Globe Trotter

The Globe Trotter, built by STX Dalian Shipbuilding Complex, is the world's only compact-sized drill ship capable of passing through the Panama Canal. Despite its relatively small size, the vessel has a drilling capability equivalent to that of other medium and large-sized ships. The Globe Trotter is designed to operate under extremely cold environments, such as the Arctic Ocean, and maximizes its stability in performance by being equipped with the most advanced Dynamic Positioning System "DP3." The ship proved STX's competitiveness in drill ship building once again by obtaining a perfect score in the 2012 World Drill Ship Performance Evaluation.



Significant Ships of 2012 Elka Leblon

Elka Leblon, the 155,000 DWT shuttle tanker built by STX Offshore & Shipbuilding made the Significant Ships of 2012, demonstrating the company's superior competitiveness once again. Equipped with an ocean drilling ship and Floating Production Storage and Offloading (FPSO), it plies back and forth carrying crude oil from marine oil wells to oil facilities on land. The high value added ship uses an Azimuth Thruster devised to keep a ship from straying from a fixed position in the face of high waves and fast water flow to minimize the floating movement of the ship while oil is being loaded at sea.



2012

Selected as
Significant Ships of 2012

The World's Top Class Engine 12K98MC-C Engine

The 12K98MC-C, produced by STX Heavy Industries, is the largest marine engine currently produced in the world. The engine has been installed in the 13,000TEU class container ship. STX Heavy Industries has successfully advanced into the large-sized engine market within a short period of 5 years, and achieved a total of 15 million BHP in production with the 1,000th large-sized engine within the shortest time in the world as of December 2011. Moreover, STX is being reborn as a comprehensive engine maker, producing diesel marine engines to be used in large container ships, LNG carriers, and super tankers (VLCC), high-power and light-weight engines for the defense industry, and engines for power generation facilities and industrial use.



98MC-C

World's Largest Marine Engine

A World's Class Product 4-Stroke Gen-set Engine

STX has produced 12,200 engines as of March 2013. STX has secured global competitiveness not only for its marine engines, but also for its military and generator engines. The auxiliary marine engine was selected as the World-class Product of Korea. Moreover, STX Engine has successfully developed a 4-stroke Common Rail Diesel Engine for the first time in Korea. The company is securing technology through its cooperation with outstanding overseas engine makers including MAN Diesel.



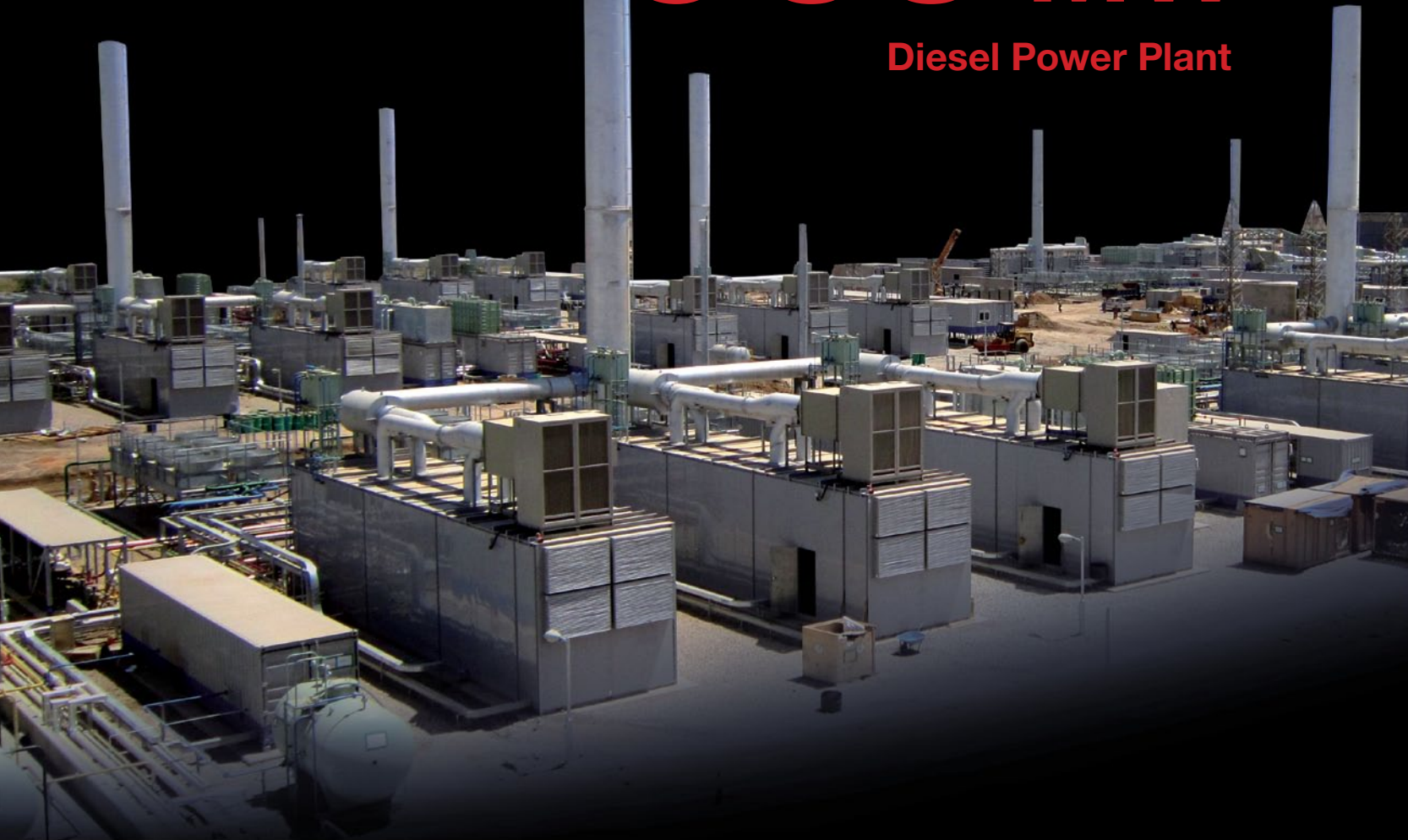
12,200

Number of Engines Produced

Future Core Technology Industrial Plant

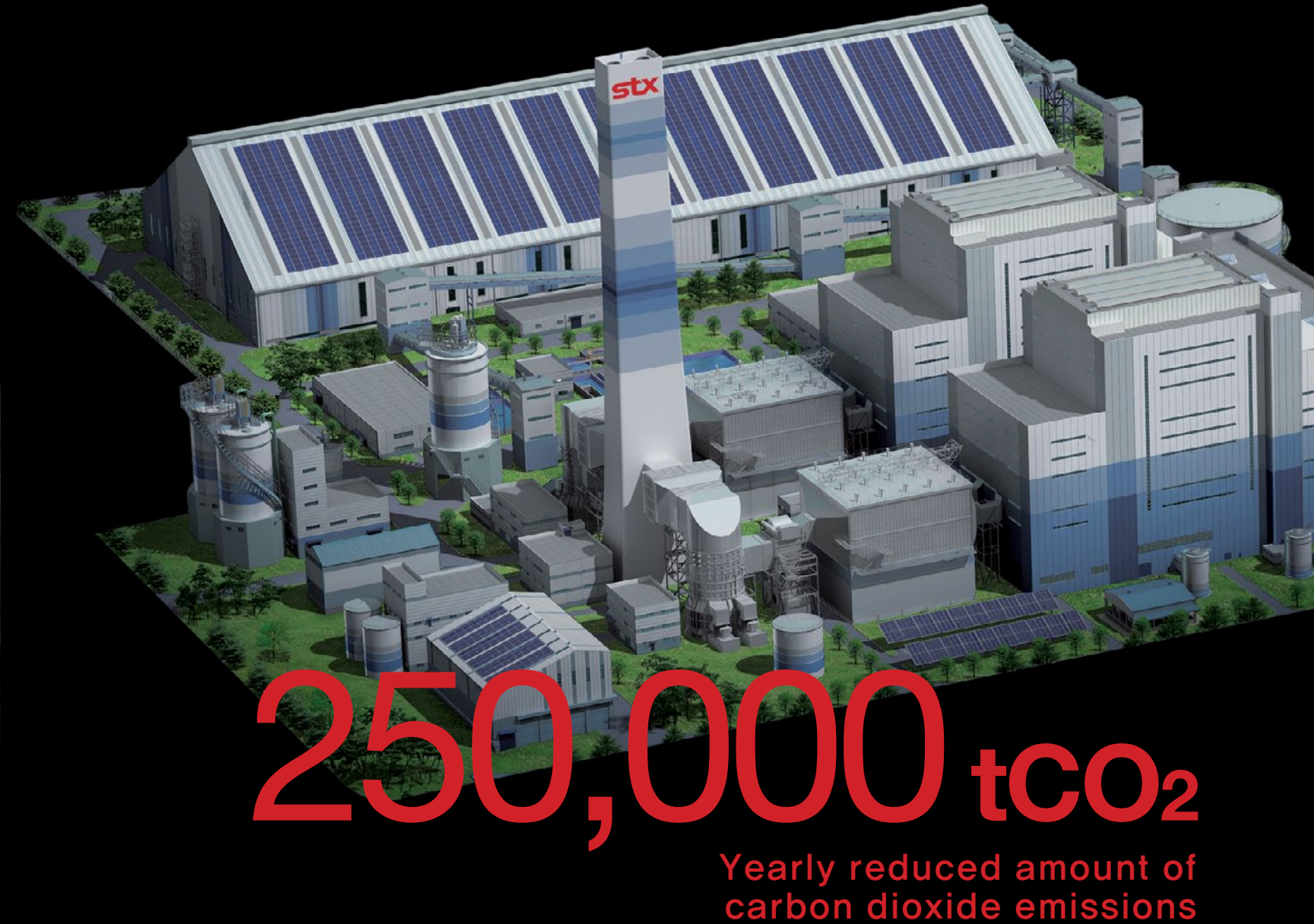
STX Heavy Industries is aggressively pushing for plant business in new areas including the Middle East, and the Americas. In February 2010, the company signed an MOU with the Iraqi government for participating in the post-war reconstruction project through a 3-billion-dollar plant project. In June 2012, way ahead of the schedule the company began work on a project for building a gas turbine generator in Ammara, Iraq, which is going to be an integrated process steel mill and gas combined thermoelectric plant equipped with iron making, steel making, and rolling. Meantime, STX Heavy Industries is upgrading its global competitiveness in the industrial plant business by constructing desulfurizing facilities in Chile, a steel plant in Jizan Economic District, Saudi Arabia, and a cement plant in Jordan.

900 MW
Diesel Power Plant



Eco-Friendly Power Generation Technology Thermal Power Plant

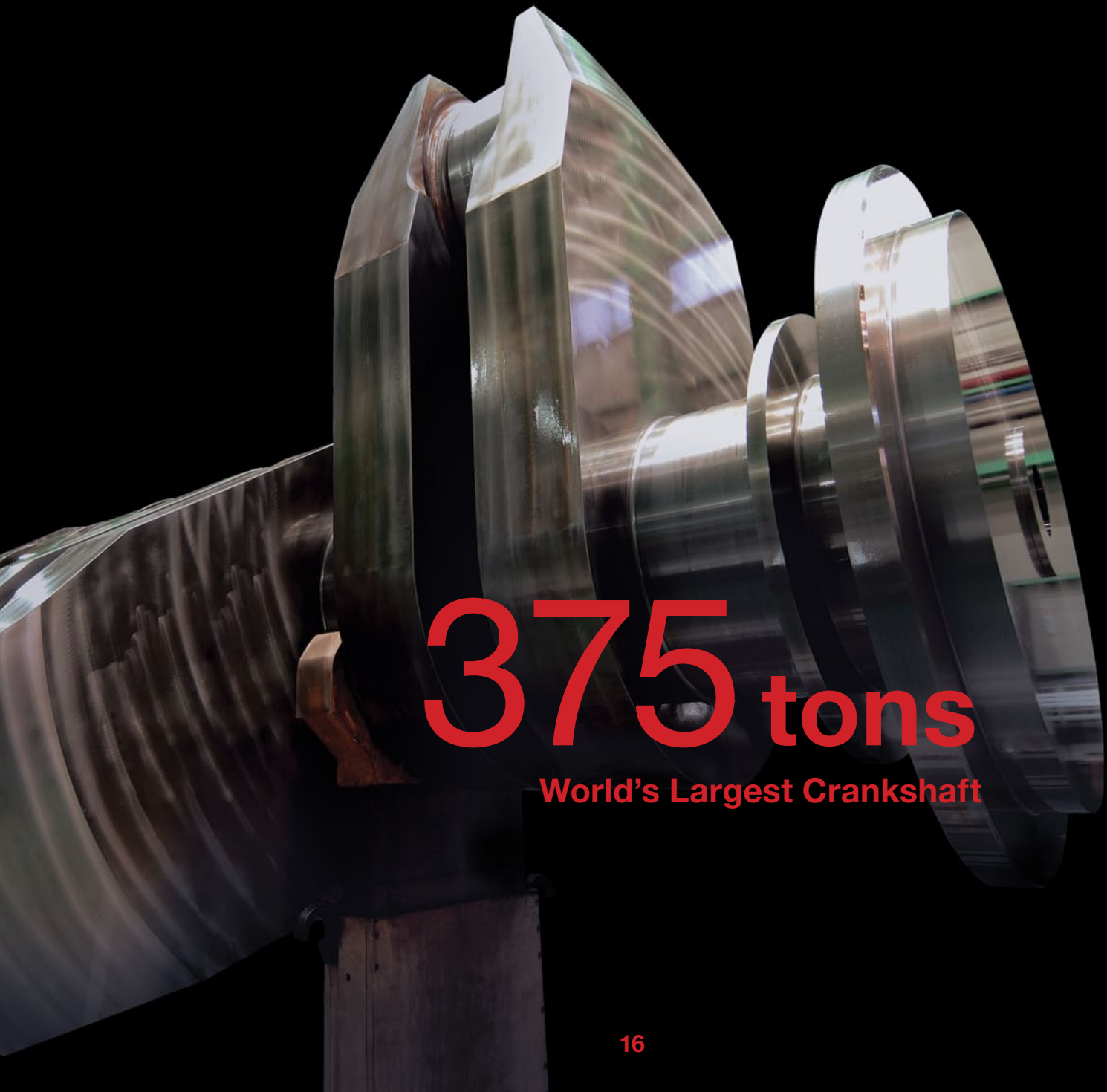
STX Electric power is implementing a construction project in Donghae, Gangwon Province, and Bukpyeong Power Plant, the country's first privately funded base load thermal power plant. To be equipped with power generation facilities with two 595-MW generators totaling 1,190MW, Bukpyeong Power Plant is scheduled to be completed in 2016 by combining the engineering capacity of STX Heavy Industries and the construction capacity of STX Construction which promises to be an eco-friendly power plant integrating sophisticated technology. Enhancing generation efficiency by applying higher pressure and temperature compared to the previous cases, Bukpyeong Power Plant will become an exemplary case of an eco-friendly power plant as it adopts sophisticated power generation, transmission, and transfer facilities. Furthermore, STX's privately funded power generation business will maximize the synergy from the cooperation with all the divisions of the Group from power plant construction, resources development, transportation, shipbuilding, solar power, and wind power.



250,000 tCO₂
Yearly reduced amount of
carbon dioxide emissions

The Largest Scale in History Crankshaft

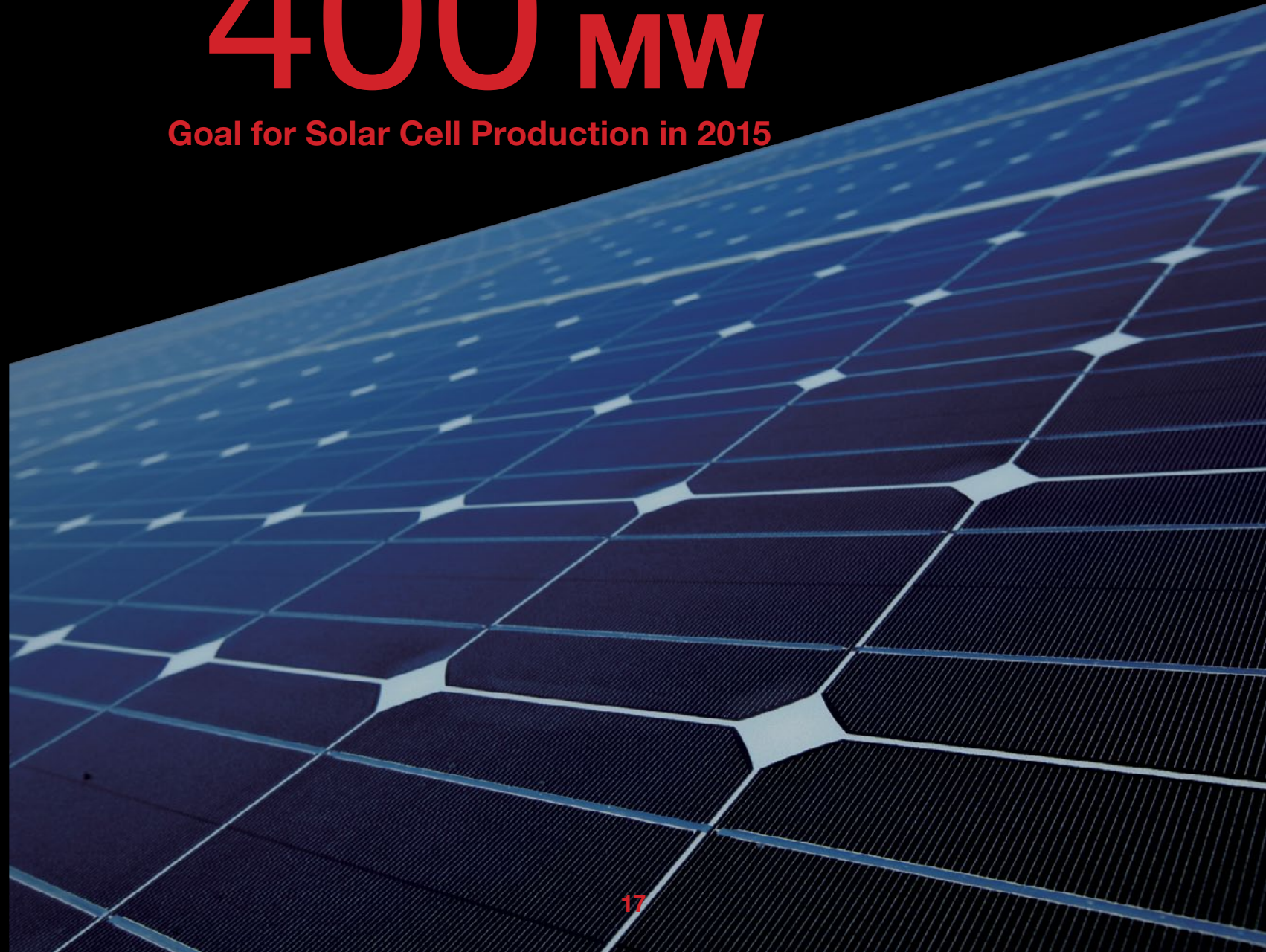
The largest crankshaft produced by STX Heavy Industries for marine engines is 25m long and weighs 375tons. The crankshaft has been installed in the engine of a 13,000TEU class container ship. Just 2 years after commencing the manufacturing of crankshafts for large marine engines in 2007, STX Heavy Industries now produces all types of crankshafts for diesel engines from 35MC to 98MC. Having various products which were selected as World-Class Products of Korea, STX Heavy Industries is securing greater competitive power in the global ship-building market.



375 tons
World's Largest Crankshaft

Future Renewable Energy Solar Cell · Module

STX Solar provides a complete solution in the photovoltaic industry, starting with solar cell manufacturing which is one of STX's new growth engines. STX Solar produces both mono crystalline solar cells and multi crystalline solar cells using a wafer as well as a high-quality photovoltaic module. By providing various services related with the photovoltaic industry, securing the advanced technology, and investing in R&D activities, STX Solar will reinforce its own capabilities as a total EPC company and lead the market in the environmentally friendly business.



400 MW

Goal for Solar Cell Production in 2015

All the affiliates of STX keep challenging to becoming global leaders

With 4 major sectors as its pivotal axis, STX's affiliates are actively promoting their businesses throughout the world. STX Corporation, a holding company of STX Business Group, is improving the corporate governance while operating an investment business. STX's affiliates, including STX Pan Ocean, STX Offshore & Shipbuilding, STX Heavy Industries, STX Engine, STX Energy, STX Electric Power, STX Marine Service, STX Construction are now equipped with an unequalled competitive power.

STX Core Business Sector



Leading the world's economy in Shipping & Trading

STX is engaged in the Shipping & Trading business, bringing resources and materials to people throughout the world. STX Pan Ocean provides various ocean transportation services with its bulk carriers, container ships, tankers, LNG carriers and PCTCs, based on its know-how for 50 years. STX diversified the business into launching harbor logistics, comprehensive distribution, and grain terminal development. STX Corporation is participating in overseas resource development, including bituminous coal and nickel, and expanding the trading business including coal and oil as well as steel and machinery. STX is also maximizing the synergy effects by integrating overseas marketing divisions for ships and engines.

- Major affiliates: STX Corporation, STX Pan Ocean, STX Marine Service

Leaping forward for the world's best shipbuilding group

STX's Shipbuilding & Machinery sector has established a complete vertically integrated system covering marine equipment manufacturing, block fabrication, engine parts and marine diesel engine production, and shipbuilding. By establishing global production bases connecting Korea, China and Europe, STX has grown into the only global integrated shipbuilding group building all types of ships in 4 major fields such as merchant vessels, passenger ships, offshore and warships. In addition, STX will be a general engine maker equipped with the capability of 13 million HP an year, manufacturing marine diesel engines, military engines, gas engines, and gas turbines, etc.

- Major affiliates: STX Offshore & Shipbuilding, STX Dalian Shipbuilding Complex, STX Europe, STX Heavy Industries, STX Engine

Expanding its overseas businesses

STX is actively promoting its Plant & Engineering business in the global market with a special focus on the Middle East including Iraq and Saudi Arabia. STX Heavy Industries is implementing EPC projects in DeNOx, desulfurization, petrochemical, steel, power, desalination, and cement plants, etc. It is currently building several large-scale, diesel power plants through an MOU with the government of Iraq for the construction of an integrated steel mill complex, a gas combined-cycle power plant, and a petrochemical plant. STX Construction has successfully constructed STX Dalian Shipbuilding Complex covering 5.5 million m² site in China and a large housing complex in Abu Dhabi.

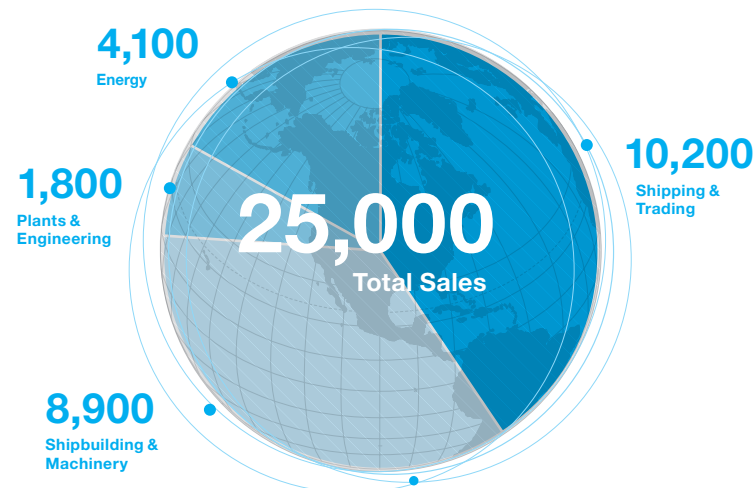
- Major affiliates: STX Heavy Industries, STX Construction

Leading a eco-friendly general energy business

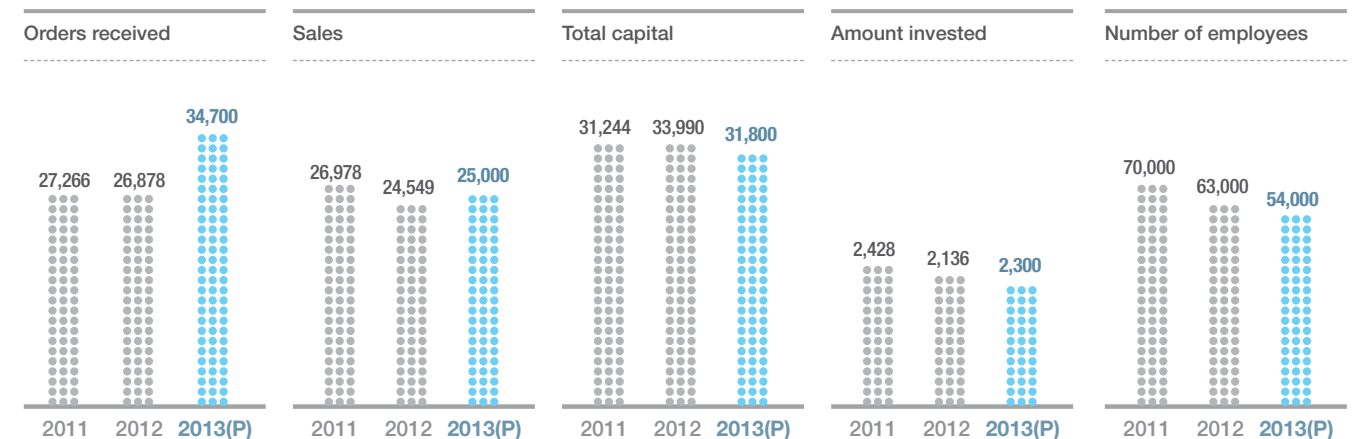
In addition to operating Korea's largest cogeneration plant, STX is promoting the development of independent power projects and community energy service projects. The company is also promoting throughout the world the development resources such as oil, natural gas, coal, and iron ore, while it is working to secure future growth engines through new & renewable energy projects. STX is actively securing future growth. STX Solar is establishing a total solution system in the field of photovoltaic power generation while STX Windpower is reinforcing its competitiveness in the global wind power market. STX is a comprehensive energy company with interests ranging from resources development to distribution and power generation.

- Major affiliates: STX Corporation, STX Energy, STX Electric Power, STX Solar, STX Windpower

Plan for 2013 (Unit: million USD)



STX Business Group in Figures (Unit: million USD)





STX Corporation



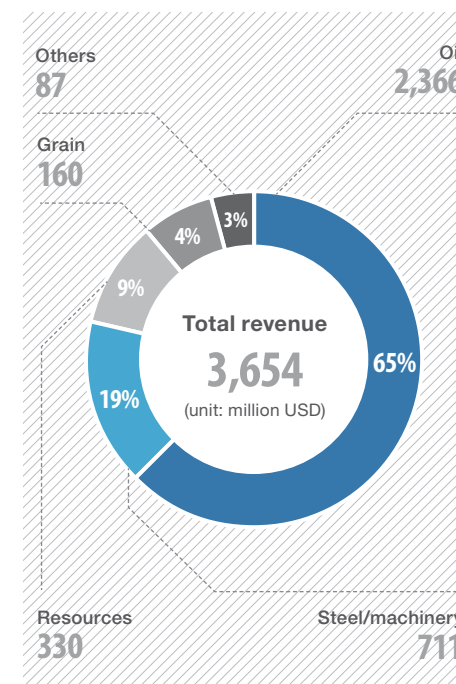
Leading the growth and development of STX Business Group

Plan for 2013 (unit: million USD)

4,900	2,820
Sales	Assets

* IFRS, Non-consolidated

Operation-Based Composition of Revenue in 2012



STX Corporation began a holding company system in 2004 to enhance the transparency of its operations. It supports its affiliates so that they can enhance their core capabilities. In addition, it owns businesses involved in investments, trading, resources development, and S&P.

STX Corporation is the holding company of the STX Business Group, holding shares in all of the affiliates and helps them improve their management and carry out their strategies. It also focuses on creating future value and new growth engines for the Group. It leads in major projects, such as the construction of a shipbuilding complex in Dalian, China, the acquisition of STX Europe, a world-class cruise ship builder, a joint shipyard construction project in Russia, and the construction of the first independent thermal power plant in Korea.

STX Corporation promotes resources development, generating synergies with the group's affiliates and engaging in the trading business based on its global networks. Its business domains include offshore refueling, oil products, petrochemicals, tank terminals, and supplying bituminous coal to the domestic market. It promotes the grain distribution and processing businesses to secure future sources of food, while supplying machinery and plants, steel, and mineral resources.



BUSINESS AREAS

Trading |

Coal & Oil Trading STX Corporation purchases high-quality bituminous coal and supplies it to its customers. In addition to increasing cross trading, it is consolidating its market position for petroleum products sales and expanding its trading business, mainly by advancing into the petrochemical products market.

Grain Trading STX Corporation's goal is to ensure acquiring future sources of food and to become a notable grain business developer in the Asia-Pacific. In addition to investing in grain distribution infrastructures, including a grain elevator at the Longview Port in the U.S.A. and grain storage facility in Korea, the ultimate challenge is to integrate a full value chain, including agricultural facilities, the feed industry, grain processing, and bio energy.

Steel & Minerals Trading STX Corporation supplies steel products to customers through strategic alliances with other world-leading companies. Focusing on the non-ferrous metal business, including rare earth, the company secures aluminum, zinc, lead, and nickel and supplies them to its customers in a stable manner.

Machinery & Plant Trading STX Corporation provides Bulk Handling System, Railway Parts, Heavy Electric Machinery, Plant Equipment and Shipyard Facilities domestically and abroad. Its package deal strategy, including a diesel power plant in Iraq, is based on synergies with the Group's affiliates. It is securing overseas bases in key regions in the world and developing international markets, including the Middle East, South America, and Africa.

Shipbuilding - Related Marketing |

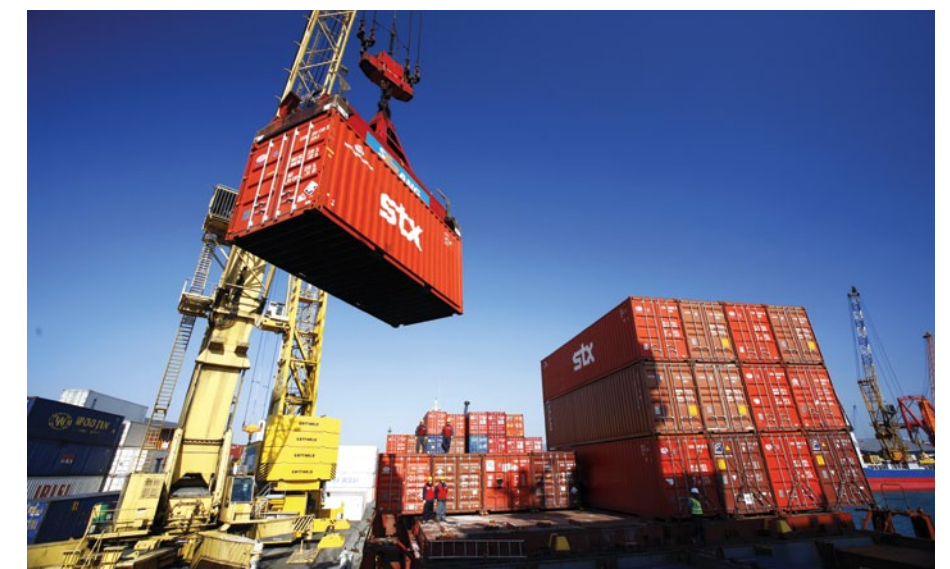
Ship Marketing STX Corporation maximizes synergies by integrating the marketing functions of the Group's shipbuilding division. Besides marketing such high value-added ships as LNG carriers, VLCCs, and mega container ships, it is enhancing marketing activities. Moreover STX expands into new markets, including South America, the Middle East, and Africa based on the global network. In addition, it is developing the B2G business in newly-emerging countries.

Engine Marketing STX Corporation exports propulsion & auxiliary engines for ships and marine equipment manufactured by STX Heavy Industries, STX Engine, STX Dalian Engine, and STX Fushun Heavy Industries to shipyards around the world. It develops new markets for offshore marine engines. It provides the total service for marine equipment including engine, electronic apparatuses, and navigation and communications equipment.

Sales & Purchases STX Corporation supports efficient fleet management and diversification by purchasing and selling a variety of vessels. In addition to operating 2 ships of its own, the company plans to increase its number of ships going forward. It is also seeking out high value-added service areas by fostering specialists in the fields of ship financing and insurance.

Resources Development |

STX Corporation concentrates on the development of minerals. The company is expanding its target markets by seeking new opportunities in new markets such as South America, Russia, and Africa. Meanwhile, STX Energy, one of the affiliated companies of the group, focuses mostly on the oil & gas sector with on-going projects in areas such as the East Sea continental shelf of Korea, Maxhamish of Canada, and Alabama of U.S.A.





STX Pan Ocean



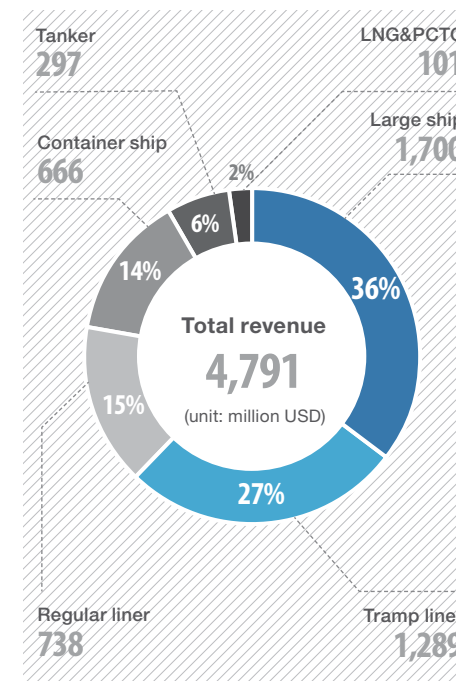
Growing from Korea's No.1 bulk operator into a world-wide general shipping and logistics company

Plan for 2013 (unit: million USD)



STX Pan Ocean ships about 130 million tons of cargo annually to more than 100 countries around the globe. By leveraging its leading position in the dry bulk shipping industry, STX Pan Ocean has advanced into such high value sectors as container ships, tankers, gas carriers, PCTCs, and heavy lift services, offering the finest in shipping services to all types of vessels.

Operation-Based Composition of Revenue in 2012



STX Pan Ocean is the only Korean shipping company listed on both the Singapore and Korea stock exchanges. It has been ranked first in KMAC's "Korea's Most Admired Companies" survey in the shipping logistics service category since 2009. It is also the only company in the country's transportation sector to be included in the DJSI (Dow Jones Sustainability Index) Korea listings for both 2011 and 2012.

STX Pan Ocean is committed to securing stable revenue sources that will not be unduly affected by market fluctuations. This includes signing a long-term COA with Vale, the world's largest iron ore producer, and a COA with Fibria, the world's largest pulp producer. In addition to being the first large Korean shipping company to enter the heavy lift service business, it has made significant inroads into the global grain terminal business.



BUSINESS AREAS

Bulk Carrier Service STX Pan Ocean carries a wide variety of dry cargoes, such as iron ore, coal, grain, raw sugar, lumber, and fertilizer and others. STX Pan Ocean is Korea's No. 1 dry-bulk carrier and has always been alert to changes in shipping demands. Its businesses, including large bulker, tramp, and breakbulk liner services, boast world-leading competitiveness shipping grain and minerals to and from the Americas and grain and raw sugar to and from Australia. In addition to supplying raw materials to thermal power plants both at home and abroad, STX Pan Ocean transports finished steel products to markets around the world. Going forward, it will focus on securing long-term charters and expanding its fleet.

Container Ship Service STX Pan Ocean's container service is committed to fleet expansion, efficient route operations, and improvement in its fixed-time operation rates. Now its operation routes have extended further to India, the Middle East, Oceania and Southeast Asia including Korea, China, and Japan. STX Pan Ocean plans to build a differentiated container transport system, enhancing its customer service, and becoming an industry leader in the area of "green" shipping – including the reduction of greenhouse gas emissions.

Tanker Service STX Pan Ocean operates VLCCs targeting the entire world based on profit-oriented crude oil shipping, maximizing of cost efficiency and the best portfolio of ship management. It also transports a wide range of petrochemical and petroleum products, including gasoline, light oil, jet fuel, and naphtha. These are carried across the Indian Ocean and the Asian part of the Pacific Ocean by a fleet of medium-range tankers. In 2011, STX Pan Ocean took steps to strengthen its VLCC service, expanded its Western India-Asia route, and signed COAs for the Korea-Australia route.

Pure Car and Truck Carrier Service STX Pan Ocean carries a large variety of cargo using fleets of specially designed ships. It has built positive and ongoing business relationships with a host of other major car shipping companies such as Hoegh Autoliners and WWL of Norway, K-Line of Japan, NSC of Germany, and CCNI of Chile. It is adding to its inventory by placing new orders for 4 PCTCs, with a loading capacity of about 6,700 cars. STX Changxing Rose was delivered in June 2010, and STX Dove in January 2011. Furthermore, STX Eagle and STX Flamingo were delivered respectively in August and November, 2012.

Gas Carrier Service STX Pan Ocean operates a 153,600CBM class LNG carrier 'STX Kolt' and transports approximately 600,000tons of LNG for the Korea Gas Corporation per year. In 2010, the company committed another LNG carrier, 'STX Frontier,' to the LNG transportation project of Repsol YPF, a Spanish energy company. This made it the first Korean shipping company to advance into the global LNG transportation market. Going forward, it plans to build relationships with shippers and specialized shipping companies both at home and abroad so it can expand into the increasingly in-demand field such as LPG and CNG.

Heavy Lift Service STX Pan Ocean advanced into the heavy-lift cargo shipping market in 2009 by introducing the STX Rose 1, semi-submersible self-propelled heavy lift vessel. The company is broadening its world-wide business domains by transporting heavy materials of large plants and modules, and a wide variety of project cargo like tugboats, oil drilling ships, and dredgers. By successfully winning the orders for Ichthys LNG Proejct and Panama Canal Expansion Project in 2012, the company has solidified its standing in the project cargo transportation market and is building trust with customers from all over the world. For 2013, the company focuses on extending its service to cover the Red Sea and the Mediterranean and oil & gas projects. It currently operates 6 geared heavy-lift ships and 1 semisubmersible SPB, and plans to expand the heavy-life flotilla to as many as ten ships.



Shipping & Trading

STX Marine Service
www.stxmarine.co.kr

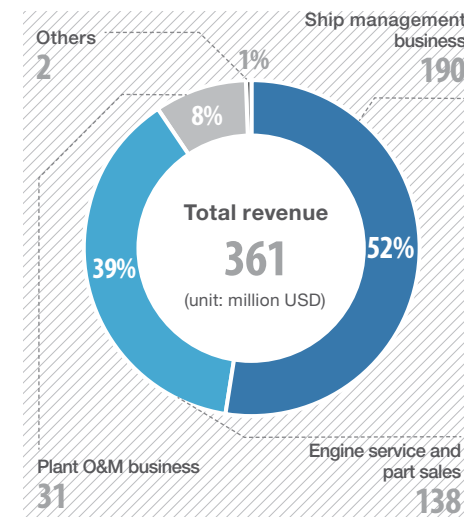


STX Marine Service

Plan for 2013 (unit: million USD)

420 Sales
260 Assets

Operation-Based Composition of Revenue in 2012



Providing total global services based on comprehensive ship management technology

A crew/ship management company created in 2011 as a spinoff from STX Corporation with the purpose of enhancing business specialty and core capabilities, STX Marine Service is actively responding to the strengthening of ship related regulations and various needs of ship owners.

STX Marine Service's activities include supervising shipbuilding, marine consulting, and operating special offshore facilities. It provides supplies and components for ships and through marine engine commissioning, warranty and after services, parts sales, and plant operations and maintenance.

BUSINESS AREAS

Ship Management STX Marine Service manages a variety of ships, including bulkers, container ships, PCTCs, icebreaking research vessels, and special vessels. Its operations range from crew management, ship maintenance, and technological services to operational management and marine insurance.

Marine Engineering STX Marine Service provides general marine engineering services, ranging from ship engineering, supervision, and trial operations to eco-friendly technologies. It also offers customized services in such areas as the design, operation, and management of special ships, offshore plants, and transshipment facilities.

Service business An integrated service is provided for ships, engines produced by the STX Group. The company uses its global network to provide its global customers with a comprehensive service including engine commissioning, parts sales, paid or free repairs, training, and technology.

Plant business Engineering & Plant uses the global network to provide a comprehensive service for not only all land and marine plants produced by STX Group but also those made by other companies. Currently, the company is working with diesel power generation, gas turbine, environmental chemical facilities etc. and is widening the scope of its business operation to include an integrated plant service business comprising construction, installation, and commissioning of land and marine plants, related paid or free services, parts sales, and O&M.

STX Offshore & Shipbuilding



Leading the shipbuilding industry with high value-added, eco-friendly ships

STX Offshore & Shipbuilding is the world's only shipbuilding group that, with a half-century-long experience of shipbuilding and its own manufacturing process, focuses on building high value-added and eco-friendly merchant vessels, offshore plants, cruise ships, and warships.

STX Offshore & Shipbuilding is committed to technological innovation, the development of new engineering methods, and continuous R&D (2% of sales). It has become a leader of the world offshore and shipbuilding industry by developing new ship design, producing offshore facilities and a wide range of high value-added ships. They include a 173,600CBM LNG Carrier, a 320,000DWT VLCC, a 16,000TEU mega container ship, and the world's largest 400,000DWT VLOC. The company is also accumulating successful achievements in special ships including the navy's PKG boats, coastal guard patrol boats, and research vessels. Also, demonstrating its advanced technology in the high value-added offshore plant market often dubbed the future of shipbuilding, the company is being recognized for its world-top technology related to pipe-laying vessels, floating storage offloading (FSO), and drill ships.

In addition, STX Offshore & Shipbuilding has set many records in terms of both dock and on-ground shipbuilding turnovers. This includes maximizing spatial efficiency by applying the SLS (Skid Launching System), launching 28 ships a year in 13 rotations at a single dock, and shortening shipbuilding periods by launching 3 ships simultaneously. Utilizing the ROSE (Rendezvous On the Sea for Erection) method that installs mega blocks using module transporters, STX Offshore & Shipbuilding shortened the erecting period from 90 days to 40. It was also the first industry player in the world to use an optical communications digital welding system.



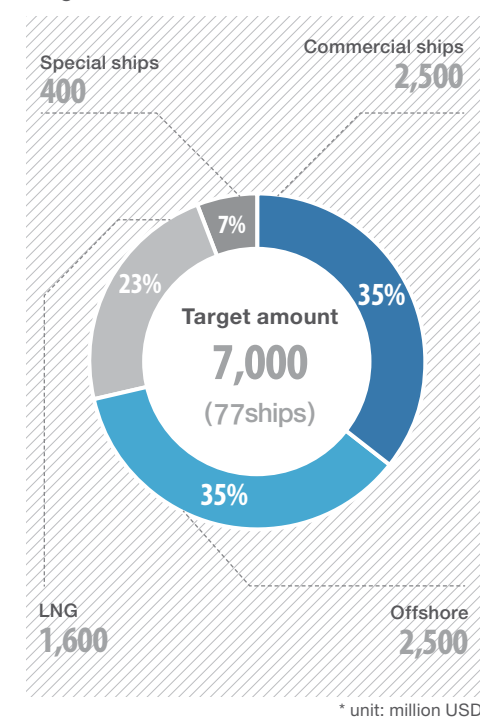
Goseong Offshore & Shipbuilding

Plan for 2013 (unit: million USD)

3,640	5,820
Sales	Assets

* IFRS, Non-consolidated

Target amount of order for 2013



BUSINESS AREAS

Merchant Ships |

LNG Carriers STX Offshore & Shipbuilding enhanced spatial efficiency and increased cargo tank capacity on its No. 96 membrane-type LNG carrier by installing engines that use both diesel and natural gas. It maximizes energy efficiency by installing energy economizer that uses the waste heat gas from the engine. In addition, the ship's 4 cargo tanks give it the largest loading capacity of any LNG carrier, thus maximizing customer satisfaction.

LPG Carriers The 9,000CBM-class LPG and ethylene carrier is an IMO 2G-type ship that boasts the best performance among ships of the same class. Its weight was reduced significantly through the installation of an independent round cargo tank.

VLCCs and Product Oil and Chemical Tankers STX Offshore & Shipbuilding also build product oil and chemical tankers and high value-added VLCCs. The tankers, which can carry crude oil, refined oil, and chemical products, are safe, eco-friendly, double-hulled vessels boasting the largest cargo tank capacity and highest speed among vessels in the same class. Moreover, the shuttle tanker built by STX Offshore & Shipbuilding in 2012 adopt sophisticated technologies including Azimuth Thruster that helps a ship maintain its position in the face of high waves and fast water flow and DP2 (Dynamic Positioning System 2) that locates a ship and maintains the position with the help of the satellite.

Mega Container Ships STX Offshore & Shipbuilding builds 13,000TEU container ships, and has won an order for one of 16,000TEU. Those eco-friendly ships have the optimal cargo loading capacity and sailing performance. It has outdistanced its competitors in the mega container ship market by developing a 22,000TEU-class container ship, once thought to be both technologically and economically impossible.

Very Large Ore Carriers (VLOCs) STX Offshore & Shipbuilding built a 400,000DWT VLOC, which is now the largest ship in the world. It maximized the ship's fuel efficiency by reducing the weight of its hull. The ship can hold 40,000tons of cargo or more, since its cargo tank capacity is over 20% larger than that of other ships in the same class.

Offshore Plants |

Semi-submersible Drilling Rigs Drilling rigs that are used to drill undersea wells are high value-added facilities requiring very advanced technologies. Noble Globe Trotter built by STX Offshore & Shipbuilding in 2011 was the only ship that obtained a perfect score of 100 in World Drillship Performance Evaluation, thus successfully advancing into the cutting-edge ultra deep sea drillship market. Based on this, the company won the order for a drillship that can carry out a highly difficult drilling operation as deep as 40,000ft from a European ship owner in 2012 and is building it.

Platform Supply Vessels (PSVs) STX Offshore & Shipbuilding is expanding to its offshore market share by manufacturing a wide variety of PSVs, including ones for Pipe Laying, Decommissioning & Heavy Lifting, Offshore Construction, Wind Turbine Installation.

Floating Production, Storage, and Offloading Vessels (FPSOs) STX Offshore & Shipbuilding built the world's largest FSU for Persian Gulf in 2011. In 2012, the company won the order for EPCIC (Engineering/Procurement/Construction/Installation/Commissioning) project related to the construction of an FSO from a North African oil company. The company is strengthening the competitiveness in FPU products including FPSOs, FPU, FPSSs and SPARs.

LNG Floaters LNG floaters are high value-added products used in the development of undersea gas fields. They can carry out a number of processes at sea, such as production, liquefaction, storage, regasification and offloading.

Special Ships |

STX Offshore & Shipbuilding's special ships include high-speed vessels for navies, maritime police patrol boats, and research ships. The company built 4 PKG vessels with stealth functions for the Korean navy, and has won orders for 6 more. It also built patrol boats and training vessels. In 2011, it signed a contract for 3 FFXs with enhanced attack and defense capabilities with the Defense Acquisition Program Administration of Korea. STX Offshore & Shipbuilding plans to expand its business to export, and for 2013, the company has a contract with the Ministry of National Defense of Colombia for the construction of 2 coastal patrol boats, broadening its operation scope overseas.



Pioneering the Development of Eco-friendly Ships STX Offshore & Shipbuilding is proud of having developed the eco-friendly, advanced technology "GD ECO-Ship." Using LNG as its fuel lowered its CO₂ emissions by 45% and improved its fuel efficiency by 41% compared to vessels using bunker C oil. Some of its other green technologies include wind and solar powered generation systems, and a system that converts hot waste gases into electrical energy. The ship is so technologically advanced that it will probably be able to meet any and all future environmental regulations governing the production of nitrogen oxide, sulfur oxide, and carbon dioxide.

STX Offshore & Shipbuilding also applies eco-friendly technology to its mega ships. For example, its 13,000TEU class, eco-friendly container ship obtained an EEDI certificate by dramatically reducing its volume of CO₂ emissions. It reduces fuel consumption by employing an AMP system that uses onshore electricity to run its engines. VLCCs also feature improved maneuverability, eco-friendly paint that minimizes the production of volatile organic compounds, and "Fine Route" electrical wiring, which does not generate toxic gases even when burning.



STX Dalian Shipbuilding Complex



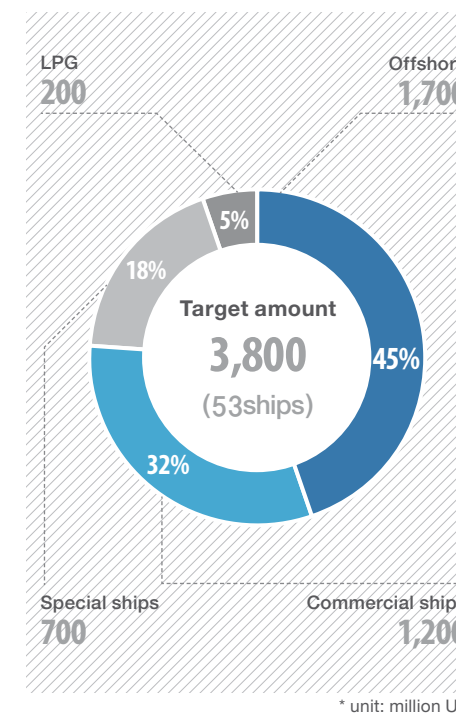
▲ The world's largest integrated shipbuilding complex, boasting cutting-edge facilities

Plan for 2013 (unit: million USD)



STX Dalian Shipbuilding Complex boasts a fully-integrated production system, ranging from basic materials processing to engine assembly, hull block fabrication, shipbuilding, and offshore and industrial plants. Featuring the world's largest offshore production facility, a 5km-long quay, and a steel-cutting facility with an annual capacity of 1 million tons, it plans to deliver 37 ships.

Target amount of order for 2013



STX Dalian Shipbuilding Complex is located in the Changxing Island Harbor Industrial Zone in the city of Dalian, China. Construction began in 2007, with production commencing in April 2008. Its first ship was launched in December 2008 and delivered in April 2009.

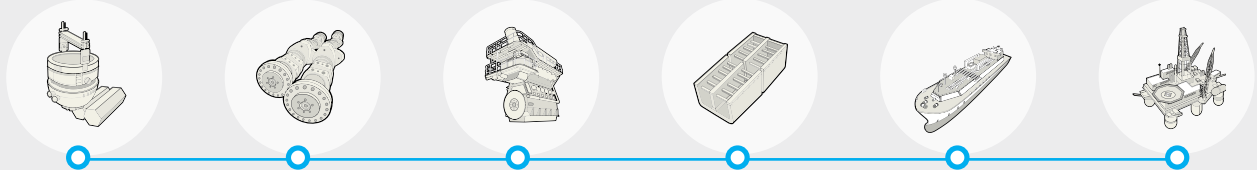
STX Dalian Shipbuilding Complex is divided into 4 operating areas: shipbuilding, engine production, offshore plants, and industrial plants. The shipbuilding area boasts 4 large skid berths and three 900ton gantry cranes, while the dock of the offshore plant production base, with a 900ton and a 1,000ton gantry crane, can build two 400,000ton VLOCs simultaneously. The engine production area, which can produce 12 engines and test another 3 at the same time, is equipped with a 162m-long test platform. The industrial plant production base produces a variety of industrial plants, including ones for petrochemicals, power, and cement.





Dalian Shipbuilding Complex

Production Process STX Dalian Shipbuilding Complex has established a vertically integrated production system that produces a full range of products related to ships. They include marine equipment and materials, as well as engine parts, hull blocks, and offshore plants.



- 01 Casting and Forging**
Equipped with large-scale production facilities, the company manufactures basic materials in forgery, forged welding, and cannerly that constitutes the first phase of shipbuilding.
- 02 Equipment and Materials**
Produces and ensures a stable supply of various parts, equipment and materials needed for shipbuilding and engine manufacturing including crankshafts and propellers.
- 03 Engine Assembly**
Produces high-quality marine engines for a variety of vessels.
- 04 Block Fabrication**
Supplies about 580,000tons of hull blocks annually, with plans to ramp up production to 1 million tons.
- 05 Shipbuilding**
Builds bulkers, PCTCs, and container ships according to its ship type specialization strategy based on production base.
- 06 Offshore Plants**
Produces a wide variety of offshore plants, including drill ships, OPLs, and mega FSUs, at the world's largest offshore plant construction facility.



BUSINESS AREAS

Shipbuilding |

Bulk Carriers STX Dalian Shipbuilding Complex builds bulk carriers that are safe and economical to operate. Its 4 skid berths can build approximately 60 vessels a year.

PCTCs The company successfully built five 6,700-Unit PCTCs, the largest size in China. 199.1m long, 34.7m high, and 32.26m wide, the PCTC has 12 levels of vehicle loading space.

Tankers The company won the order for twelve 50K MR tankers and are building high-quality tankers, and plans to build larger ships like LR tankers and VLCC.

Container Ships STX Dalian Shipbuilding Complex is building 15 container ships in a variety of sizes, including 2,000TEU, 5,000TEU, 6,500TEU, and 18,000TEU.

Special Ships STX Dalian Shipbuilding Complex also builds special purpose ships like heavy-weight carriers (slurry carrier and heavy lift vessel) and live stock carriers, in addition to ordinary commercial ships.

Plants |

Offshore Plants STX Dalian Shipbuilding Complex successfully delivered 2 drillships to the US-based Noble Drilling. Newly conceived 'compact drillships' that have their size reduced, drilling performance largely upgraded, and maintenance cost reduced, the ships were recognized as the best drillships by obtaining a perfect score of 100 in the World Drillship Performance Evaluation disclosed by PFC Energy, an international consultant specializing in oil & gas industry. STX Dalian also successfully delivered ocean pipe-layer (OPL) and floating storage units (FSU), while it also plans to produce high value-added marine plants like FSO, FPSO, and SEMI-RIG.

Industrial Plants With its ample experience and technological competence, STX Dalian Shipbuilding Complex produces plants facilities and medium-and-large-sized equipment necessary for various industries, manufacturing high value-added petrochemical plants, cement plants, boilers for power generation facilities, and pressure vessels.

Marine Equipment and Materials |

Marine Engines and Parts Marine Engines and Parts produces 200 sets of propulsion engines of up to 3 million HP annually, along with key engine parts, such as crankshafts, propellers, largest cylinder and cylinder liners.



'STX Heavy Industry Fushun' Global 4-Stroke Engine Maker

Established in 1997, STX Heavy Industry Fushun began by producing key parts of engine and has grown into a 4-stroke engine maker handling designing, forgery of crucial equipment, processing, assembly, and trial operation. For the last 16 years, the company has secured market competitiveness through company-wide quality management and cost saving efforts and realizes customer satisfaction through unified and systematized customer support. Moreover, the company is giving spurs for exploration into new markets including supplying principal equipment and materials for power plants. Now, STX Heavy Industry Fushun is about to soar beyond the Chinese market to the world as a global 4-stroke engine maker.



STX Europe



Continuing to further strengthen its strong reputation for cruise ships and specialized vessels

Plan for 2013 (unit: million USD)

1,360	2,000
Sales	Assets

STX Europe is an international shipbuilding group with a leading position in the world within the production of cruise ships, ferries, offshore and other specialized vessels. The company is demonstrating the synergy from the division of labor and collaboration among 5,200-strong workforce at total 5 shipyards. A highly skilled workforce, modernized shipyards, and ample shipbuilding experience contributes to STX Europe's strong position within the market.

World cruise ship ranking (According to Size)

*All ships rank No. 1 through No. 14 built by STX Europe

Oasis class	225,282 GT
Norwegian Epic	155,873 GT
Freedom class	154,407 GT
Queen Mary 2	151,400 GT
Navigator class	138,279 GT
Fantasia class	137,936 GT
Explorer class	137,308 GT
Voyager class	137,276 GT

STX Europe builds cruise ships and ferries at the shipyards in Finland and France, and provides ship repairs and maintenance services to the global major cruise shipping companies. Since each STX Europe shipyard has its own differentiated shipbuilding system, the company performs rapidly while winning orders for the construction of additional ultra large cruise ships of 220,000 tons from Royal Caribbean in 2012.

Ecorizon is a concept which focuses on developing environmentally friendly technology. The aim is to protect water and its ecosystems, preserve the natural resources of the Earth and limit the impact of the human activity. The company is increasing alternative energies for marine engines and power generation systems. In addition, the company is concentrating its efforts on water resource purification, emission control and rainwater utilization.



Turku shipyard, Finland

BUSINESS AREAS

Cruise Ships and Ferries STX Europe has an innovative approach to building cruise ships of unequalled performance that is deserving of superlatives. The ships we build are tailor-made for wonderful passenger experiences, with a variety of activities and memorable cruise facilities. At our Turku shipyard in Finland, we build ultra-large cruise ships, whilst the Rauma shipyard (also in Finland), specializes in mid-to small-sized ferries and other specialized vessels. In France, our Saint-Nazaire and Lorient shipyards are situated with focus on building cruise ships, ferries and naval vessels. STX Europe, is constantly setting new standards for the industry in terms of vessel design, size, and customer satisfaction.



Building the World's Largest Cruise Ships

2 of the world's largest cruise ships, Allure of the Seas and Oasis of the Seas, were delivered from STX Finland Turku Shipyard in 2009 and 2010 respectively. The 225,000GT Oasis-class cruise ships are as long as three-and-a-half football fields and are 16 stories high. The Oasis of the Seas cost EUR 1,013 million, the equivalent of 7 or 8 ultra-large container ships. Since it accommodates a total of 8,500 passengers and crew, it is aptly called a "floating city." For the first time among cruise ships, it installed special Park View Cabins from which passengers can see the park at a glance. And other innovative facilities including an Aqua Theater and 3-dimension movie theater boast a lot of spectacle and attraction. Both ships cruise on the Caribbean Sea, and their home port is Fort Lauderdale in Florida. Oasis Class ships are the most powerful and sophisticated ships in the world resulting from an extensive product development cooperation between the cruise line, the shipyard and the maritime cluster that has lasted more than 40 years.



Rauma Shipyard, Finland

STX Finland

Global top shipbuilder achieving a 60% global icebreaker market share

STX Finland Oy has 3 shipyards in Finland. It builds large cruise ships at its Turku shipyard, and has accumulated over 70 years of icebreaker design and building experience and cutting-edge LNG tank production technologies. In addition to expanding its off-shore plant business, STX Finland and STX Windpower are jointly developing the next generation 3MW wind turbine with a large rotor.

SHIPYARD

Turku Turku shipyard, one of the largest and most modern in Europe with a land area of 144ha and a new building dock measuring 365 x 80m was established in 1737. It builds post-Panama class cruise vessels, in addition to other specialized vessels. Boasting a 365m long and 80m wide dock, STX Finland delivered the 2 sister cruise ships, the world's biggest and most innovative vessels ever built.

Rauma Rauma shipyard with a building dock measuring 260 x 85m is the world's leading ferry builder, which also specializes in small cruise ships, multipurpose icebreakers and naval craft. Their latest delivery in April 2012 is a polar supply and research vessel.

Arctech Helsinki Arctech Helsinki shipyard specializes in innovative ice-breaking and ice-going offshore and arctic vessels, being among the leading yards within this area. Helsinki shipyard recently won an order for an emergency and rescue vessel from Russia's Ministry of Transport.



Saint-Nazaire Shipyard, France

STX France

Builder of unique ships for 150 years

STX France is comprised of 2 shipyards located in Saint-Nazaire and Lorient that offer a wide range of complex vessel such as cruise ships, ferries and naval vessels. With a continuous progress strategy allowing it to integrate new economical constraints and a highly proactive R&D policy, STX France has established itself as a major company in the international shipbuilding market, whilst initiating a dynamic diversification strategy.

SHIPYARD

AFFILIATED COMPANIES

Saint-Nazaire Boasting automated facilities and 2,400 employees, the Saint-Nazaire shipyard has a dock that is 900m long and 70m wide. It is currently installing a 1,400ton Goliath crane to improve its competitiveness.

STX France Cabin The company produces 6,000 guestrooms for cruise ships a year, with advanced technologies in such areas as guestroom design, production, and installation.

Lorient In addition to designing and building ships from 30 to 120m long, the Lorient shipyard offers customers a wide range of consulting and technological assistance services. It has recently delivered one off-shore patrol vessel and has one sand dredger under construction.

STX France Solutions Located inside the Saint-Nazaire shipyard, STX France Solutions is an engineering company which offers expertise in project management, training and research and development for industry.



STX Engine



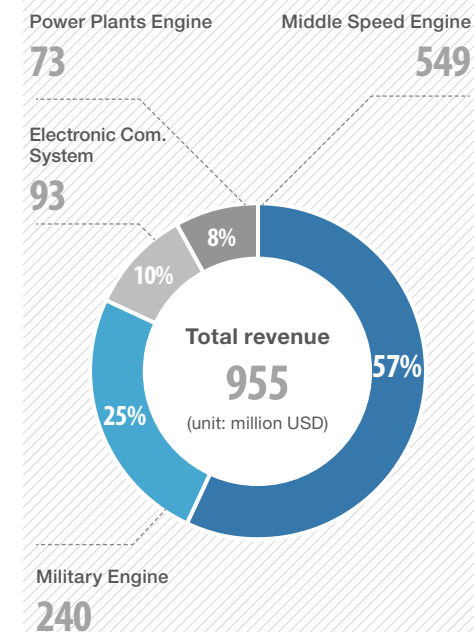
Leading Global Power Generation Market with Its World-Class Competitiveness in Plant/Marine Diesel Engine

Plan for 2013 (unit: million USD)

820	1,730
Sales	Assets

* IFRS, Non-consolidated

Operation-Based Composition of Revenue in 2012



STX Engines produces marine diesel engines for mega container ships, LNG carriers, and VLCCs. It also makes high-output, ultra-light military engines and engines for power plants, and industrial use.

STX Engine developed the 4-stroke diesel engine through the Technology Research Center and Electronic Communications Research Center (total 26 million HP achieved as of 2012). Its auxiliary marine engine has been selected as a World-Class Product by the Ministry of Knowledge Economy in Korea. STX Engine also developed an eco-friendly diesel engine that reduces nitrogen oxide emissions by 20%, and a 4-stroke common rail marine engine with dramatically enhanced fuel mileage. It has also developed its own radar and underwater sonar systems for navy vessels, as well as voyage data recorders and equipment for military satellite communications. It is now making inroads into the vessel automation business. STX Engine conducts Iraq's power plant project successfully.

STX Engine enhances its operations, business efficiency, and customer satisfaction levels through an "INNOVIS" management innovation system. It was selected as the "most outstanding company" in the industrial engineering category in DJSI (Dow Jones Sustainability Index) Korea survey for 4 straight years. The company plans to grow into a total engine and heavy electric machinery maker by expanding into electric field controls, aviation communications, and power transmitting systems.



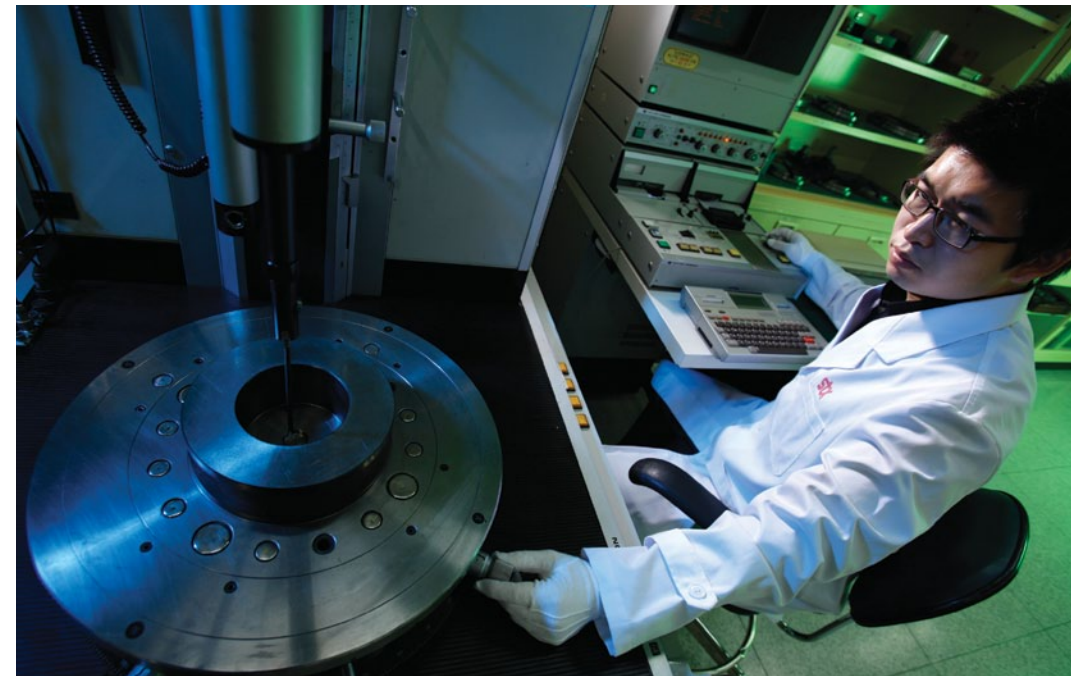
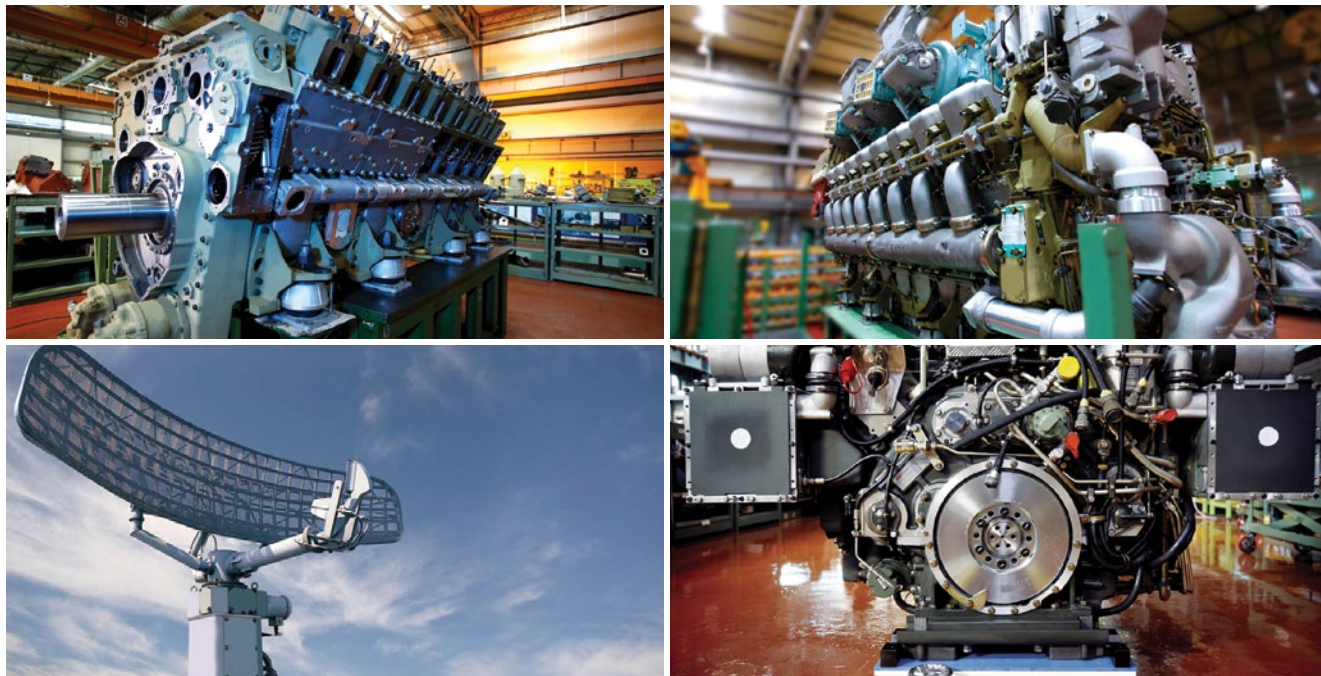
BUSINESS AREAS

Marine Engines As a result of continued technological development by STX Engine, the generator engine for ship power generation was selected as World Best products. Also through a technical license with Man Diesel and Niigata, the world's major diesel engine makers, the company produces main engines that supply propulsion power to a ship, auxiliary engines that supply electricity, and emergency engines. STX Engine produces a total of 8 million HP of propulsion and auxiliary engines annually. This includes 2-stroke, 98,000HP engines for merchant ships, engines below 11,000HP offshore plants, and 4-stroke auxiliary engines from 600 to 13,000HP for all types of ships. Its emergency engines boast a market share of 20.5%. The company aggressively responds to the demand related to high value-added ships like cruise ships and offshore ships by offering customers optimized propulsion packages by integrating diesel-electric marine propulsion with ship positioning and navigation communications systems.

Military Engines STX Engine's military diesel engines are designed with a focus on their compact size, light weight and high output. These engines use parts made of aluminum and high tensile forged steel fabricated through super-precision machining. Through technical cooperation from MTU in Germany, STX Engine produces engines for the following equipment used by the Korean Army, such as K1A1 tanks, bridge-laying tanks, K9 self propelled artillery, and vessels used by the Korean Navy and Coast Guard such as new destroyers, high speed vessels, patrol ships, etc.

Engines for Power Plants Based on its three-decade-old technology and know-how in diesel engine and customer-oriented optimized engineer capabilities, the company is recognized for its technology and quality in diesel engines for power plants. Through its license agreement with Man Diesel that has the world's best technology, STX Engine can construct generation facility of a unit capacity of 1-250MW, while not only ensuring high durability and trustworthiness, but also maximizing low fuel consumption, reasonable operation, repairs and maintenance costs. With this technological strength, STX Engine has successfully implemented projects that it obtained from major domestic power generation companies, private power generation companies, and overseas electricity authorities, and recently it developed large-sized low-speed 2-stroke diesel engine power generation facility and a mobile generation system that facilitates installation and mobility, thereby providing various products and services to customers. Moreover, to respond to various customer needs, STX Engine produces small-sized 2-4MW CPPs (containerized power plants) and high-output 6MW engines and supplies them to Central and South America and Middle East, proving the company's technological excellence. Besides this, through a strategic license agreement with US-based Cummins and Germany-based Man, STX Engine produces and sells small-sized diesel engines used for various industrial facilities like emergency generators, railway cars, and port cranes.

Electronic Communications Systems Radar detection equipment is an essential part of weapons system essential for location and identification of a target as well as for safe navigation, and STX Engine has developed various radar detection equipment based on its technology for designing and manufacturing 2-D radars and supplying it to the military. Also, concentrating its efforts in the development of sound detection equipment, the company now possesses its own technology related to underwater sound signal processing, data processing, and underwater sound sensor development. Beginning with the Oceanic Route Surveillance Radar in 1995, STX Engine has developed 4 types of independently-produced radars. It has also developed its very own acoustic sensors, including radars that can detect small targets, portable ocean route surveillance radars, and weather radars. It has also participated in the development of military satellite communication systems for surface ships, multi-functional consoles for combat systems, and wireless broadband data-link systems for unmanned aerial vehicles. In addition, it produces a broad range of navigation, ship communications, and automation systems, Dynamic Positioning Systems (DPS) for cruise ships and offshore plants, and a wide range of control systems.





STX Heavy Industries



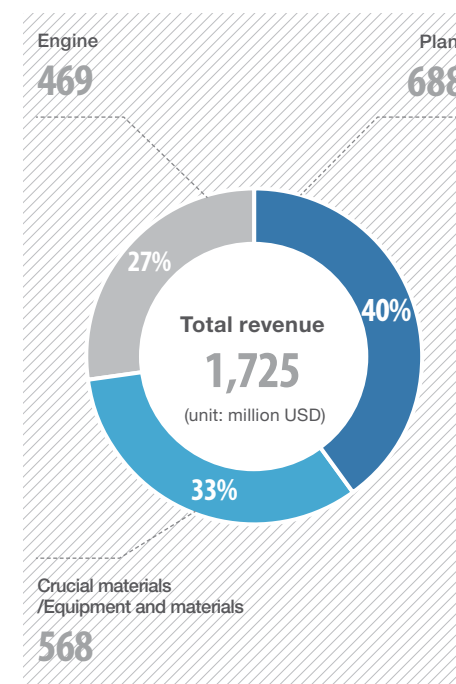
▲ Based on its manufacturing capacity in plant, engine, equipment and materials, the company provides EPC Total Solution

Plan for 2013 (unit: million USD)



* IFRS, Non-consolidated

Operation-Based Composition of Revenue in 2012



STX Heavy Industry has possessed its own technological competitiveness for over three decades. The company develops, designs, and manufactures various crucial materials and parts running from basic materials processing to such sophisticated new materials like diesel engine, marine equipment, and gas turbines for aviation and power generation.

STX Heavy Industries performs plant business in varied areas of power generation, petrochemical, steel, and environment. Winning orders for various projects in Middle East, Asia, and Central and South America including Iraqi power and petrochemical plants, Saudi-Arabian steel and petrochemical plant, and base load thermal power plant as Korea's first private fund inducement project continuously staging successful performance as a comprehensive plant EPC company.

Especially in the Middle-Eastern market including Iraq, the soaring customer satisfaction on excellent performance of STX Heavy Industries has led to additional orders. Based on the successful performance on the large-sized diesel power plant in Iraq, the company won the contract for a 500-MW gas turbine power plant, which is under construction, while it won the order from Italy's state-owned ENI, USD 200 million oil & gas treatment plant, thereby legitimately advancing into upstream petrochemical plant, which keeps the company in the Iraqi reconstruction project.

Proudly convinced that the company serves as the foundation for the vital line-up in shipbuilding and machinery, STX Heavy Industries has secured its independent technological competitiveness by incessantly striving in R&D. Especially, the company is concentrating its company-wide capacity into developing its own diesel engine and improving the productivity of shipbuilding equipment and materials, while in 2012, by completing LNG Insulation Box in the company's Daegu operation, it secured a launch pad for soaring as a comprehensive shipbuilding equipment and materials maker. Also, based on the technological capability it has accumulated in key parts of diesel engine, marine equipment, and plant equipment and materials, the company is aggressively pushing for expansion into eco-friendly high value-added business including hydrogen fuel cell, BWMS, windpower, and sophisticated materials. As a result of new technology developments and increased production capabilities, the company is now producing large engines like the 80MC-C, the 90MC-C, and the 98MC-C. In 2006, it was selected to produce World-Class Products by the Ministry of Commerce, Industry and Energy in Korea.

BUSINESS AREAS

Industrial Plants |

Process Plants STX Heavy Industries provides EPC services in the process plants, including oil & gas, petrochemicals, oil refining, tank farms, and pipelines. It has been particularly active in the Middle East, including a gas plant in the UAE and DGS Oil & Gas modification plant in Iraq. It also produces essential equipment for process plants, such as towers, columns, drums, tanks, and heat exchangers.

Power & Desalination Plants The company provides to the domestic and international market such highly-efficient eco-friendly power plants as coal power plants, combined Thermal power plants, biomass, and cogeneration plants. In December 2011, the company started the construction of 1,190-MW Bukpyeong Thermal power Plant as the country's largest privately funded plant, and won the order for a gas turbine power plant in Ammara, Iraq, which is under construction. For the desalination business, the company is securing technological assets in waterworks, sewerage treatment, ordinary and desulfurization wastewater treatment facilities including Boryeong and Dangjin Thermolectric Plant and EPC project for STX Solar's ultra pure and wastewater treatment facilities.

Industrial Plants(including steel, minerals, and cement) The company successfully completed 1 million tons of steel mill plant and 0.5 million tons in July 2012, and was recognized for the technological competence, and had an additional order in November 2011 for a rebar and wire-rod expansion project for yearly 0.5 million tons yearly of rolling mill. Moreover, the company has carried out the cement plant project in Al-Qatrana, Jordan that was ordered for in 2008, and in 2010, an order was placed for a cement plant project in the same area. Based on the accumulated know-how, the company is expanding its operation into the Middle East, Southeast Asia, and Central America.

Environmental Plants Starting with Boryeong Thermal power plant in 1996, the company successfully delivered wet-type flue gas desulfurization system to Dangjin Thermal power plant, which is the country's largest (1,000MW), and semi-dry flue gas desulfurization system to Chile. After it won the order for half-dry desulfurization facilities in Chile and Colombia in 2012, the company became the country's first to supply seawater desulfurizing technology to a Moroccan power plant. The company is working on denitrification facilities for Yeongheung Thermal power plant and Samcheok Green Power Plant, and with the foundation of its Chilean branch office, the company has been expanding its operation in environmental plant market in Central & South American and Middle East.

Diesel Power Plants The company won the order from the ministry of Electricity, Iraq for a 900-MW containerized diesel power plant(VANDI) as a EPC contractor and after its completion in June 2012, the plant has been successfully operating. Based on its 35 years of experience and know-how that the company has accumulated in 30 or so countries including Brazil, Bangladeshi, and Iraq, the company is winning orders for massive additional projects in Middle East, Africa, and Central and South America where demand is sharply increasing.

Windpower Plants Since the establishment of the Haengwon Wind Farm in Jeju Island in 1999, STX Heavy Industries has taken the initiative in the wind power sector in Korea. We secured original technology for onshore and offshore wind turbine by acquiring the Netherlands-based company in 2009. In 2011, by supplying the offshore wind turbine to Jeju and installing the new wind turbine, STX93, STX Heavy Industries has achieved not only EPC track records of over 90MW in domestic but 57MW of supplying wind turbine to foreign countries. At present, STX Heavy Industries are developing high-capacity, high-efficiency products to enhance market competitiveness and diversifying the business area.

Manufacture Plants |

Marine Diesel Engine The company has produced all types of engines from S40ME to K98ME, while leading the market for low-speed engines including G-type engines. Moreover, the company is leading the market while expanding the production of L51/60DF engines to be used for LNG carriers by creating facilities for production and the trial operation of dual fuel (Oil & gas) engines and supplying to the customer's demand ME-GI engines that use oil & gas as fuel.

BWMS Business STX Heavy Industries is developing its own version of the Ballast Water Management System, doing research on electrolysis and UV separately. The electrolysis uses no filter and takes just one phase of sterilization, fit for new ship building or retrofitting, while for UV, research is accelerating towards targeting authorization in the first half of 2014.

LNG-IB LNG Insulation Box is a key part that decides the performance of LNG Carrier Cargo containment system, and the company obtained a license from France-based GTT in 2012, through which it was authorized to manufacture Membrane type No. 96 with recognition for its production technology.

Marine Equipment STX Heavy Industries can manufacture deck houses covering 74 ships, cut up to 200,000tons of steel materials, and produces up to 80,000tons of blocks every year. It also offers customized deck houses for a variety of ship types. Its production of ship blocks will increase substantially as the full-scale operation of a block factory at STX Dalian Shipbuilding Complex begins.

Disel Engine Key Parts Business The company is producing a variety of diesel engine key parts including materials, crank cases, cylinder frames, frame boxes, bedplates, cylinder liners, pistons, connecting rods, and crankshafts.

Shipbuilding Materials With a license agreement with Japan-based Kosaka on cargo pumps (hydraulic and electrical) in 2004, the company is producing hydraulic submersible cargo pump, and in 2008, the submersible cargo pump developed by the company was selected as next-generation world best product by the Ministry of Knowledge & Economy. Also, in 2010, the company got a license from Denmark-based Pres-vac for an electrically powered submersible cargo pump, and is producing eco-friendly electrical cargo pumps. For Valve Remote Control System, the company has developed and is producing a system for remote-controlling various valves built in ships.



JEC Steel Plant, Saudi Arabia



Environmental Plant, Chile



Gas Plant, UAE



Large-Sized Diesel Engine



Turbo-Charger



BWMS



Crankshaft

STX Construction



UAE Large-scale Housing Complex

▲ Providing best construction service by diversifying the portfolio and winning global orders

Plan for 2013 (unit: million USD)

1,090	2,270
Sales	Orders

* Including Overseas Subsidiaries, K-GAAP

STX Construction has achieved high growth based on the construction of large harbor, plants, and gantry cranes. Its main growth engine is overseas expansion. Followed by the 5.5millionm² STX Dalian Shipbuilding Complex has proven our capability in the global market, which is being continued with the development of the 30,000 household New City in China. STX Construction is now preparing to build harbors and shipyards in other countries, such as Russia and Brazil.

STX Construction completed the construction of a large-sized housing project, USD 180 million in Abu Dhabi ahead of schedule. As a result, we have won additional orders for Phase 1 & 2 of Rawdhat and Shams residential buildings in Abu Dhabi and a housing complex in Saudi Arabia. The company has also won contracts for Shaghai CEPESA petrochemical plant, Iraqi diesel power plant, Venezuelan petroleum export complex, the Workforce Housing Project in Guam, and a steel plant project in Saudi Arabia.



Iraqi Diesel Power Plant

In Korea, STX Construction is building a series of architectural landmarks. They include the STX KAN apartment complexes, the STX Mungyeong Resort, the 50-story Federation of Korean Industries Center, the main road for Busan New Port, Admiral Yi Sunshin's Patriotic Martyrdom Park, Onsan Tank Terminal, Bukpyeong Thermoelectric Plant, and Saemaoul Movement Theme Park. As it was selected by LH as an excellent construction company in 2012, the company is emerging as a new power in the domestic construction market.

BUSINESS AREAS

Overseas Construction STX Construction is a technologically advanced, next-generation world construction leader. Its overseas projects include STX Dalian Shipbuilding Complex and the housing complex in China, a 68-building housing complex including residential, commercial, and religious facilities in Abu Dhabi, a steel plant and housing complex in Saudi Arabia and participating in post-war recovery projects in Iraq by building 2,500MW of diesel power plants.

Housing STX Construction launched its premium apartment brand "STX KAN" in 2007, offering new paradigms for upscale residences in such places as Daegu, Asan New Town, Suwon and Changwon. It is also expanding into the reconstruction and redevelopment market, winning orders for the Geoje cooperative apartments.

Building STX Construction completed the STX Resort in Mungyeong, which features high-class facilities such as 200 guestrooms, banquet halls, lecture halls, seminar rooms, and a fitness center. Some of its other projects include the STX V-Tower and the STX W-Tower knowledge industry centers in Seoul, the FKI Center, and also a wide range of educational, medical, and leisure facilities, expanding our expertise in the Architectural market.

Civil Works STX Construction has years of experience in road construction, reclamation work, site preparation, and harbor construction. These include the Sangju-Yeongdeok highway, Berth No. 8 at the Ulsan New Port, Sections 9 and 17 of the Nakdong River restoration project, the Bujeon-Masan double-track railway, and a cars-only pier at the Pyeongtaek and Dangjin harbors. The company won contracts for such major public projects as the main expressway at the Busan New Harbor, the Admiral Yi Sun-sin Patriotic Martyrdom Park, site preparation for the Wirye New Town, and the road construction from multifunctional Administrative City to Cheongju.

Plants The company's strength in the plant business include plants for shipbuilding and facilities for machining and engine testing. It is also expanding into the power generation and nuclear energy fields. It won a contract for the Onsan tank terminal project, laying the groundwork for similar work both domestically and abroad. It is also a global leader in the field of environmental and industrial facilities and alternative energy sources.



STX Energy



Maxhamish Gas Field, Canada

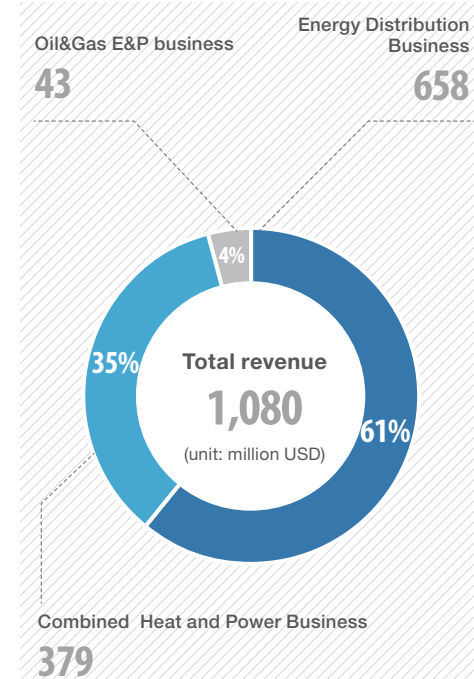
▲ Aiming to become a global energy company comprising of power plant operation, resource development, and new & renewable energy

Plan for 2013 (unit: million USD)



* Including Overseas Subsidiaries

Operation-Based Composition of Revenue in 2012



STX Energy is leading the green growth era by securing new growth engines, including combined heat & power production, power generation production, resources development, energy distribution, energy saving business and new & renewable energy production.

STX Energy supplies steam and electricity to more than 260 companies and Korea Electric Power Corporation (KEPCO) by operating the nation's largest cogeneration plants for industrial complex. In addition, the company is pushing for the installation of combined heat and power energy supply facilities with an annual capacity of 1.7 million tons of steam in Pocheon. It is also seeking out new cogeneration projects and opening up the independent power project market in Gangwon Province.

STX Energy is rising as the world best energy company while participating in exploration & production(E&P) business. The company is also strengthening its oil distribution business by expanding its capabilities in the field of energy logistics, developing new business areas (including trading), and leveraging its network of filling stations and a tank terminal.



Tank Terminal in Pyeongtaek City, Korea

BUSINESS AREAS

Combined Heat and Power Business |

STX Energy is enhancing the competitiveness of cogeneration plants in Banwol and Gumi industrial complexes by producing 6.8 million tons of steam annually and supplying it to customers. It also supplies 1 million MWh of electricity to KPX. Furthermore, STX Energy also plans to develop new business carrying forward a combined heat and power business in Pocheon.

Power Generation |

STX Energy became the country's first company to build Korea's largest scale thermal power plant as an independent power producer, thereby securing a basis for operating IPP market at home and abroad.

Energy Distribution Business |

STX Energy plans to develop large-scale channels, diversify its product portfolio, and advance into the trading business in order to expand its energy sales business. STX Energy strengthens energy distribution business networks by supplying gas to 800 filling stations based on main 48 oil stations. Moreover, with an 112,850Kl tank terminal in Pyeongtaek harbor that is used for storage and distribution. The company aims to establish itself as a hub for energy distribution in northeast Asia.

New and Renewable Energy |

STX Energy is engaging in the new and renewable energy business including windpower and solar power with a view to securing future new growth engines and building its foundations. With the know-how acquired from the operation of a windpower Plant in Jeju, the company is building a large-sized wind farm (46MW) in Yeongyang-gun. It is also positioning itself as a leader in the photovoltaic power generation market by producing high-efficiency, low cost solar cells and modules and participating in the development of new solar energy generation projects both at home and abroad.

Resource Development Business |

STX Energy has a 100% stake in the Maxhamish gas field in Canada, and operates an oil field in Alabama in tandem with Korea National Oil Corporation (KNOC) in 2010. STX Energy acquired 18% interest in Northstar's production oil field located in the Gulf of Mexico, and also acquired the exploration rights of the central zone of the 6-1 gas area which is located on the Ulleung Basin in the East Sea of the Korean Peninsula. In the field of developing mineral resources, the company has some of its other projects including the development of a coal mine in China, and an iron ore mine in Australia.

ESCO/Energy Saving Business |

Designated as ESCO (Energy Service Company) and energy diagnostics company in 2010, STX Energy is pushing for a comprehensive ESCO project comprising of diagnostics, planning, and construction. While actively supporting greenhouse gas reduction through lighting enhancement and a heat pump system installation project, the company is growing into an eco-friendly energy company.



STX Electric Power

Becoming a leader in the energy industry by building high-efficiency, eco-friendly power plants

STX Electric Power is preparing for its flight as the country's leading private power generator, based on the successful construction of the Bukpyeong Power Plant, in Gangwon Province. Scheduled to be completed in 2016, it will be the very first private-sector base load thermal power plant in Korea. Boasting a total of 1,190MW, the facility will be Korea's most advanced and eco-friendly power plant ever.

By reinvigorating the local economy and stabilizing the domestic power supply through the construction of most advanced and eco-friendly power plants that incorporates sophisticated technology, STX Electric Power works to establish itself as the leading successful leader in privately funded power generation that can contribute to business, the local community, and the country.

Following its success in building the Bukpyeong Power Plant, STX Electric Power is primed to grow into Korea's leading private-sector power generation company. Its entry into the private-sector power generation business has helped it maximize synergies with the other business divisions within the STX Business Group.



Bukpyeong power plant that puts priority on environment and community through advanced technology

Cutting-edge technology applied The company secures its competitiveness in power market by enhancing generation efficiency by adopting the sophisticated ultra super critical technology that applies the highest pressure and temperature of all domestic power plants in operation or under construction.

Eco-Friendly Power Generation Facilities To be equipped with advanced desulfurization and denitrification facilities, underground transmission line, wastewater recycling system, and enclosed coal handling system, it is being built into an eco-friendly power plant in harmony with nature. Furthermore, the plant will set an example of an eco-friendly power plant, by operating marine hydro power plants and installing photovoltaic generation facilities.

Reinvigorating Local Economy With the construction of the Bukpyeong power plant, the company will contribute to reinvigorate the local economy through increased employment and tax revenue. Especially, through its use of locally based businesses in the construction and operation of the power plant, fostering of local talent, and the provision of special financial support and regional development fund, STX Electric Power is pushing ahead for mutual growth with the local community.

STX Solar



▲ Becoming a global solar energy company that spearheads technological differentiation with highly-efficient and highly-trusted products

Plan for 2013 (unit: million USD)

110 Sales
140 Assets

Roadmap for technological development

	2013	2014	2015
Photovoltaic module (output based on 60 cells)	280W	300W	Over 300W
Photovoltaic cells (efficiency)	20.3%	22%	Over 22%

* Mono-crystalline technology base

STX Solar provides our customer with complete solutions in the photovoltaic industry. Established in 2007, the company built a solar cell plant and an R&D center inside the Gumi National Industrial Complex, and expanded its production of solar cells to the level of 180MW level and built a 50MW solar module plant in 2011. The company's totally vertically integrated production system was developed by strengthening its EPC capabilities from the design and manufacturing stages all the way to installation and pilot operations, and building total solution systems in all areas related to the solar power generation in linkage with the Group's affiliates.

Its R&D center develops industry-leading technology through joint research activities with numerous industrial and academic bodies. The company has upgraded the competitiveness of its products through its international and domestic certification for solar modules that include TÜV, CE, UL, IEC, and JET.

With recent global surfeit of supply, the photovoltaic industry is faced with a serious imbalance between supply and demand. STX Solar is forging ahead through the situation with technological differentiation based on high efficiency and high trust. For this purpose, the company has applied ANTI-PID technology to all its products to produce high-quality products that keep to 0% of PID (Potential Induced Degradation) that arises in photovoltaic generation from corrosion from snow or rain.

BUSINESS AREAS



Solar Cells STX Solar produces solar cells using 156mm x 156mm single-and multi-crystalline, high-purity wafers, and has maximized its production efficiencies by applying independently-developed, unique patterns. In addition to ensuring a stable yield of 99%, it has been achieving the industry's highest level of conversion efficiency through ongoing R&D, advanced manufacturing processes, and stabilized mass production.

Solar Modules STX Solar produces single-and multi-crystalline modules loaded with independently-produced, high-efficiency cells. Their quality is guaranteed by applying high-sheet resistance solar cells, lowering surface flexibility, increasing absorption ratios by applying textured glass, and designing module frames through highly-intensive simulations according to their thickness.

Solar Power Plants STX Solar installs and operates solar power plants in conjunction with power generation companies and local government. Going forward, it plans to advance into the overseas solar power generation business and various green projects.

Realizing the value of sharing and caring for a brighter future for all



Since its establishment, STX has implemented sustainability management in various sectors including the society, the environment, the economy, and etc. STX is leading the way in social contribution activities to ensure the development of new environmentally friendly management based on the following 4 major missions: Social Integration, Balanced Development, Environmental Preservation and Voluntary Services. The company is actively practicing its win-win management strategy together with its cooperating companies based on mutual trust. As a result of these efforts, STX's major affiliates were included in the DJSI (Dow Jones Sustainability Index) Korea consecutively for 4 years. STX will implement sustainability management according to global standards to lead the development of the entire world.



STX is all about people who dream about a better future

Contribution

STX Scholarship Foundation

STX Scholarship Foundation provides scholarships to students studying in universities and graduate schools in Korea and overseas who have attained outstanding school records. Every year, about 60 students receive scholarships, the greatest amount of individual scholarships in Korea. STX Scholarship Foundation, a representative scholarship in Korea, conducts a corporate role as a social citizen.

STX Welfare Foundation

STX Welfare Foundation provides a basis for self-reliance by offering a helping hand to those neighbors economically and physically in need including multicultural families, workers who suffer from industrial accidents, and children and adolescents exposed to poverty. The Foundation stays with the community by engaging in the House of Sharing designed to improve residential environment for the underprivileged, financially helping the workers suffering from industrial accidents with their medical costs and living expenses, financially supporting multicultural families hometown visits, providing camps and other cultural experience programs for children and adolescents living in children care and local children's centers, and supporting education and training of social workers.

STX is actively promoting social contribution activities as a fine corporate citizen in order to maximize the effect of sharing around the world.



1. Awarding scholarship certificates from the STX Scholarship Foundation
 2. Standard workplace for the disabled, "Yegrina"
 3. Opening a children's library in Africa

Opening of Modu, a Library for Multicultural Children

In 2008, STX established Korea's first multicultural children's library, named Modu. The Modu, a place where various cultures exist, is equipped with about 86,000 books from 17 different countries for each library, providing a shelter for multi cultural families. Up to now, STX has opened 7 multicultural children's libraries.

Global Corporate Social Responsibilities

STX reinforces its border-crossing social contributions. In 2010, STX opened the Children's Rainbow Library and operated Mobile Library in Africa, providing educational supports to children in low income families and lack of educational opportunities. STX will actively expand its global CSR localization.

Standard Workplace for the Disabled

STX operates "Yegrina," a standard workplace for the handicapped, in order to create jobs for the physically challenged. Its major business areas include a bakery, food and beverage manufacturing and sales, and dispatching workers to in-house dining rooms.



STX participates with heartfelt devotion in local communities

Volunteer

One Company-One Village Sisterhood Relationship

STX is extending its love for local communities by setting up sisterhood relationships with 22 agricultural and fishing villages, with each affiliate connecting itself to more than 1 village. Officers and staff members of STX provide voluntary services more than 200 times a year helping farmers during their busiest season, repairing village facilities, providing support to events and ceremonies, as well as free medical treatment and extending quarantine activities.

Services provided by STX Family Voluntary Service Group

Following the organization of the STX Family Voluntary Service Group in 2005, the STX Members Family Voluntary Service Group was created voluntarily by the wives of officers of STX Members, a group consisting of STX's cooperating companies. In 2011, the STX Family Volunteer Service Group in Seoul was organized by the wives of executives of STX affiliates in that city. They carry out a wide range of volunteer activities.



1. Happy Volunteer Week by employees
2. Volunteer services by the STX Family Volunteer Service Group in Seoul
3. Mecenat for Local Communities

Under the corporate culture of “One-STX,” all STX affiliates share the values for participation in social contribution activities, extending warm affection and love for their neighbors.

Voluntary Services Provided by Employees

STX holds a quarterly STX Happy Volunteer Week event with approximately officers and staff members participating for a 2-week period. At the end of the year, the company provides awards and encouragement to individuals and voluntary service groups that have performed outstanding voluntary services.

One Company-One School Sisterhood Relationship

STX is establishing sisterhood relationships with primary, middle and high schools, with each affiliate connecting itself to more than 1 school. The company invites students to workplaces, helping them through direct work experience in order for them to decide on their careers.

Mecenat for Local Communities

In order to encourage the development of the culture of local communities, STX actively provides support to various cultural events, including festivals and contests, performances, and exhibitions.



STX supports the development of various sports

Sports sponsorship

● **Main Sponsor of Gyeongnam FC**

As the main sponsor of Gyeongnam FC, STX is contributing to the development of professional football in Korea, as well as the improvement of cultural life in local communities. STX has provided a total of KRW 26 billion in supporting Gyeongnam FC from 2005 to 2012. In addition, the company holds a joint pep rally for its officers and staff members periodically, such as the popular "STX Day with Gyeongnam FC." Gyeongnam FC, established as the 14th K-League professional football team, is providing unforgettable pleasure to the fans who love football, and is making efforts to bring harmony and unity to the local communities.

● **Operation of STX SOUL e-sports team**

STX has established STX SOUL, a professional e-sports team, in 2007. Finishing the season by coming second in the StarCraft pro-league in the 09 · 10 pro-league, STX SOUL has solidified its position as a leading e-sports team. Following the success of the StarCraft Team, STX inaugurated a team for Special Force, a Korean first person shooting game, in 2009, contributing to the development of the gaming industry. By doing so, STX is leading the expansion of a sound cultural life for young people.

STX contributes to the development of the sports activities in local communities and the domestic e-sports industry, by sponsoring a professional football team Gyeongnam FC and rowing sport, as well as operating an e-sports team STX SOUL.



1. 2011 STX Cup Korea Open Regatta
 2. STX Cup Professional Women's Chess Championship Series
 3. STX SOUL, e-sports Team, winning a championship

● **Support Rowing Sports**

STX is providing various support for rowing sports. STX is actively providing support to enhance the participants' capabilities in the sport. In addition, it is exerting efforts for the development of rowing sports by planning a TV program and helping to hold various international rowing competitions to increase the popularity of rowing as a sport.

● **Support for STX Cup Professional Women's Chess Championship Series**

STX has supported the STX Cup Professional Women's Chess Championship Series to help expand the game's fan base and women's chess championships in Korea since 2007. The series is one of the nation's top 3 women's chess championships, and the only titled one in the country.



STX leads in the creation of a sustainable future environment

Environmental Management

Based on its environmentally friendly management and advanced technology, STX promotes positive and future-oriented environmental activities.



1. LNG carrier, featuring eco-friendly designs
2. Solar cell inspection at STX Solar's Gumi factory
3. STX Dove equipped with a photovoltaic system

Development of New Environmentally Friendly Technologies

STX is concentrating its efforts on the development of various forms of environmentally friendly technology. STX Offshore & Shipbuilding has developed its environmentally friendly ship model, STX Green Dream Project Eco-Ship, which is able to reduce its emission and fuel costs by more than 50%. MSC Beryl, a 13,000TEU ultra-large container ship built by STX Offshore & Shipbuilding, acquired the EEDI (Energy Efficiency Design Index) from Germanischer Lloyd as the first ship among ultra-large container ships larger than 10,000TEU. Meanwhile, STX is actively developing renewable energy such as photovoltaic power generation and wind power plants, with the completion of the STX Solar factory in Gumi and the establishment of STX Windpower. STX will promote environmentally friendly industrial plants as well as the renewable energy business as its new growth engine.

Reinforcement of Eco-friendly Management

STX has established sound environmental management as well as a safe and healthy environment according to international standards, such as ISO 14001 and OHSAS 18001. STX Energy joined the One Ten-thousandth club in 2004 and donates one ten-thousandth of its sales for domestic environment preservation every year. STX Engine and STX Offshore & Shipbuilding were designated by the Ministry of Environment as Environmentally Friendly Enterprises in the heavy industry and shipbuilding sectors respectively. STX Engine and STX Heavy Industries provided various support for the Ramsar Meeting held in Korea in 2008. In particular, STX Corporation, STX Offshore & Shipbuilding, and STX Engine were selected as certified companies for the DJSI (Dow Jones Sustainability Index) Korea, showing that STX's sustainability management has been recognized as meeting the global standard.



STX is pursuing win-win partnerships

Win-Win Management

Creating partner jobs through training technical manpower

STX is working aggressively to foster regional talent and create new jobs. As part of the nation's human resources development project, STX is running a technical training center designed to foster technical manpower that can perform on-site operations smoothly. Opened in 2012, STX Offshore & Shipbuilding's Training Center is equipped with a specialized curriculum for TIG welding for building LNG carriers and trains technical manpower, supporting its employment by partner companies. Graduates of STX Training Center are employed by partner companies that need a professional workforce and perform work related to the construction of LNG carriers, thus ensuring co-existence that takes care of the demand and supply of manpower between businesses and job seekers. Onward, STX continues to nurture technical manpower equipped with high-level of professional skills, thus solving youth unemployment.

Based on its environmentally friendly management and advanced technology, STX promotes positive and future-oriented environmental activities.



1. Partnerships between STX and its business partners
2. Regular general meeting of STX Members
3. Declaration of Shared Growth and Fair Trade Agreement

Practicing Win-Win Cooperation with STX Members

STX pursues a real win-win management policy for shared growth through its co-efforts. STX has established "STX Members" in 2002 with outstanding cooperating companies to implement integrated management. Currently, STX Members consists of about 87 cooperating companies. In order to implement its social responsibility, STX has established the "STX Members Family Voluntary Group" practicing true neighborly love and respect. Moreover, STX established the "STX Members Commission for Shared Growth," realizing its win-win management policies.

Policies to Support Shared Growth and Fare Trade

STX is actively practicing its 4 major policies for shared growth with the cooperating companies. First, STX is expanding its direct and indirect financial support to the cooperating companies and improving the payment condition. And the company is making efforts to create more business opportunities by providing various technical supports and project participation in high value-added business such as offshore, specialized vessels, and cruise ships. STX also helps cooperating companies to secure sustainable competitiveness. Lastly, STX is actively promoting shared growth with cooperating companies, by declaring Shared Growth and Fare Trade Agreement in 2010 with approximately 500 companies.

