TSURUMI PUMP
For The Earth, For All The People

CORPORATE PROFILE

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For The **Earth**, For All The **People**

TSURUMI PUMP
For The Earth, For All The People

TOP MESSAGE

Making our contribution to society through pumps

We supply technologies for safeguarding and controlling water. Our pump business began with an agricultural pump and grew to encompass a line of products that support infrastructure in an array of fields, from everyday life to industry and nature, in line with our philosophy of "Being water- and people-friendly." Water is the source of life, and it's inseparable from our lives.

During an era that demands we all take steps to realize a sustainable society, our pumps are expected to deliver an even more remarkable level of performance. Our mission remains unchanged: supplying safe water to as many people as possible, protecting people's lives from disasters caused by extreme weather, and safeguarding the global environment by using limited water resources effectively and continuing to passionately embrace the challenge of "Being water- and people-friendly" during the next 100 years of our journey.

Having paused to reflect on—and redouble our commitment to—what's truly important, we're now embarking on that journey, and we look forward to your continued guidance and support as we do so.

President
Osamu Tsujimoto

Brand Slogan

For The **Earth**, For All The **People**

Slogan background

As we are all called upon to resolve a variety of challenges so that humankind can realize sustainable development, Tsurumi has embarked on the next 100 years of its journey with a focus on society and the environment.

We will work towards business and corporate growth by contributing to the resolution of issues facing society around the twin axes of **For The Earth and For All The People** as we look to realize a sustainable society.

Our brand slogan reflects these two areas of focus.

Earth

We will reduce CO_2 emissions from our business operations by adopting renewable energy, reducing plastic waste, using substitute materials, adapting to the digitization transformation, and introducing environment-friendly vehicles in the years leading up to 2030.

People

As we approach 2030, we will revitalize our corporate culture by supporting employee motivation while contributing to greater peace of mind among the members of society.

Corporate Philosophy
Being water- and people-friendly

Brand Slogan
For The Earth, For All The People

SUSTAINABLE DEVELOPMENT GOALS

BUSINESS DOMAINS

Construction and Civil Engineering

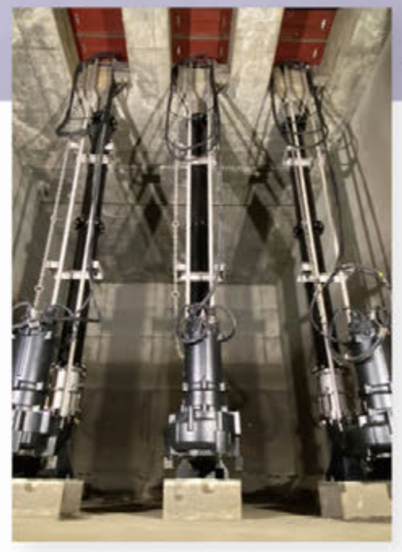
We will serve as a bridge to the future by helping construction sites create communities that empower everyone to lead a better life.

Tsurumi submersible pumps, which can be found hard at work on projects ranging from urban development to large-scale infrastructure and disaster recovery and reconstruction, have gained overwhelming support from industry. Among them, our electrode-type automatic pumps help reduce CO_2 emissions by detecting the water level and operating automatically only when necessary.

Water Resources and Water Treatment

We protect the precious water environment with the aim of creating a better future for humankind and the environment.

Submersible pumps, blowers, mixers, aerators, and dehydrators are used at wastewater treatment plants, which purify wastewater from homes and industrial facilities that would otherwise pollute rivers, lakes, and coastal waters. Recently, we're helping save energy in the wastewater treatment sector, which is characterized by high power consumption, by boosting the efficiency of a range of wastewater treatment equipment.



BUSINESS DOMAINS

River and Flood Control

We propose reliable technologies to coexist with nature and contribute to local communities.

There are increasing opportunities to use pumps, for example when dealing with intense local rainfall and long spells of rain caused by changing precipitation patterns. In addition to safeguarding local communities from flood damage, we're helping reduce the environmental impact of construction by replacing drainage pump stations with submersible pumps to allow more compact facilities.

We contribute to social and lifestyle safety with products that play a key role in everything from preparing for flooding to dealing with its aftermath.

Our products are used both to prepare for and prevent frequent flooding and to orchestrate recovery when flooding occurs.

Industry and Energy

We're trusted overseas as well as in Japan for creating clean environments and providing a stable supply of energy to all.

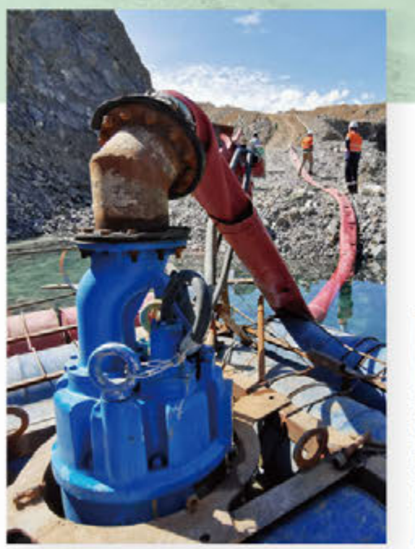
We've earned a high level of trust from customers in the energy sector, which underpins industrial infrastructure, because our products help maintain a stable supply. Our vacuum pumps and submersible pumps are used at plants and other facilities in an array of industries, including geothermal and other power plants and in the steel, materials, and heavy chemistry industries.

BUSINESS DOMAINS

Underground Resources and Mining

We propose new technologies that can withstand harsh conditions, making it possible to efficiently extract limited resources.

Efficient extraction of underground resources, which play an essential role in facilitating modern lifestyles, requires transportation of sediment water. We supply products with excellent corrosion-resistant and explosion-proof characteristics in variants ranging from high head to high volume models for use in the harsh and varying conditions of open-pit and underground mining.



Agriculture and Irrigation

We're helping ensure a stable supply of food for the future by securing irrigation water for agriculture.

Most irrigation water, which is essential for crop growth, comes from rivers, reservoirs, and other water sources and is supplied to rice paddies and farm fields via irrigation canals. High volume centrifugal pumps and submersible pumps are used to draw water from rivers, reservoirs, and other sources.

PRODUCTION BASES

A production base boasting best-in-class scale and equipment in the submersible pump industry

The Kyoto Plant has launched "IM2030: Innovative Manufacturing (Kyoto) 2030" project to pave the way for the next century

Motor Production Building

Kyoto Plant

("mother plant")

Total site area: 50,266 m²
Total floor space: 41,588 m²

Manufacturing primarily submersible pumps and system equipment

Tsurumi's Kyoto Plant boasts best-in-class size and equipment in the pump industry, and it also operates an extensive selection of experimental and research equipment. It accommodates the full array of needs ranging from compact to large and special-purpose pumps by means of integrated structures encompassing operations ranging from development to production.

To drive manufacturing innovation with a vision for the next 100 years, "IM2030: Innovative Manufacturing (Kyoto) 2030" project has been launched. The motor production building, a symbol of Tsurumi's manufacturing for the next generation, is now completed and we hope you can be as excited as we are about the future evolution of the Kyoto Plant.

Artist's conception of the motor production building upon completion

Kyoto Plant

Technology

Manufacturing innovations with a view to the next generation

Tsurumi Group company establishes casting structures for special steel

A Tsurumi Group company has launched **the company's first high-chromium cast iron and stainless steel casting business.** By utilizing casting of sand molds formed by a **sand casting additive manufacturing device (3D printer)** at the Yonago Plant's Molding Research Building as a unique Tsurumi technology, the company is able to **realize short-turnaround, high-precision, high-quality fabrication of parts** in-house.

Alloy Technology Casting Division (Yao Plant)

The casting process

First commemorative cast part (Vortex impeller)

PRODUCTION BASES

A production base that meets customers' quality and cost requirements

The Yonago Plant conducts research day in and day out in order to boost its manufacturing capabilities

Yonago Plant

Total site area: 29,232 m²
Total floor space: 12,742 m²

Manufacturing primarily large drainage pumps, large submersible pumps, and liquid ring vacuum pumps and compressors

Tsurumi's Yonago Plant is responsible for manufacturing primarily large drainage pumps, large submersible pumps, liquid ring vacuum pumps, and liquid ring compressors. It features an 11-meter-deep underground test tank with a capacity of 3,500 m³ and a 10-meter-deep test tank with a capacity of 3,100 m³. The plant produces drainage pumps with a 2,000 mm discharge diameter, non-primed advance standby pumps, and liquid ring vacuum pumps and compressors with diameters exceeding 600 mm.

In addition, the facility's Fluid Research Building conducts measurement and analysis using experimental equipment and material testing and analysis equipment, and its Molding Research Building carries out an extensive program of experimentation and research into sand molding as part of day-to-day research dedicated to enabling Tsurumi to supply better products to its customers.

Yonago Plant

Molding Research Building

Production Building

Interior

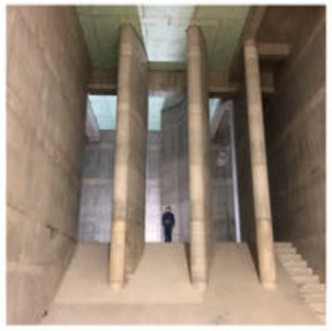
Five-face machining center

Manufacture of some of the largest submersible pumps in Japan

Testing Area

3,100 m³ test tank

Inside the 3,500 m³ underground test tank



Test-run of a vertical shaft mixed-flow pump with a 1,800 mm diameter

Technology　Future additive manufacturing for 3D sand casting

Establishing new manufacturing techniques using the latest technologies

The Molding Research Building has installed a **sand casting additive manufacturing device (3D printer)**, and it's conducting day-to-day research in an effort to **commercialize short-turnaround, high-precision, high-quality casting production** while promoting a **digital transformation (DX) in manufacturing.** Future additive manufacturing for 3D sand casting yields significant time savings and increased casting precision compared to conventional wood-mold techniques, and group company Alloy Technology has also launched a casting business.

Molding Research Building

Sand casting additive manufacturing device (3D printer)

Molded objects (machining and casting samples)

TSURUMI NETWORK

Sales Office　Major Production Base

Bringing Tsurumi pumps to more customers worldwide:

Tsurumi's growing global network

The Tsurumi Group has proven its advanced technological capabilities, creativity, and excellence to customers worldwide, and the technological capabilities of Tsurumi pumps have won high praise around the world.

Domestic Network

Osaka Headquarters

Tokyo Head Office

Kyoto Plant

Yonago Plant

Tsurumi East Japan Logistics

Alloy Technology Casting Division (Yao Plant)

Sales Facilities

- Hokkaido Branch
- Tohoku Branch
- Tokyo Branch
- Kitakanto Branch
- Hokuriku Branch
- Chubu Branch
- Kinki Branch
- Chugoku Branch
- Shikoku Branch
- Kyushu Branch
- Other sales offices

KOREA
TSURUMI PUMP KOREA CO., LTD.

U.K.
TSURUMI PUMPS UK LTD.

CHINA

SHANGHAI TSURUMI PUMP CO., LTD.
TSURUMI VACUUM ENGINEERING (SHANGHAI) CO., LTD.

BELGIUM
TSURUMI BELGIUM

SWEDEN
TSURUMI-INTEC PUMP AB

GERMANY
TSURUMI (EUROPE) GMBH

FRANCE
TSURUMI FRANCE S.A.S.

U.A.E.
TSURUMI PUMP MIDDLE EAST FZCO

JAPAN

TAIWAN

TSURUMI PUMP TAIWAN CO., LTD.

HONG KONG
TSURUMI PUMP HONG KONG CO., LTD.

ITALY

ZENIT INTERNATIONAL S.P.A.

SPAIN
TSURUMI ESPANA

THAILAND
TSURUMI PUMP (THAILAND) CO., LTD.

MALAYSIA
TSURUMI PUMP (M) SDN. BHD

VIETNAM

TSURUMI PUMP VIET NAM CO., LTD.

SINGAPORE
TSURUMI (SINGAPORE) PTE. LTD.

SOUTH AFRICA
TSURUMI PUMPS AFRICA (PTY) LTD

INDONESIA
PT. TSURUMI POMPA INDONESIA

AUSTRALIA
TSURUMI AUSTRALIA PTY LTD

CANADA

U.S.A.

TSURUMI CANADA

TSURUMI (AMERICA), INC.

TSURUMI AMERICA WEST

TSURUMI HISTORY from 1924

1924
- **Jisaburo Tsujimoto founds Tsurumi Shokai in Japan.**
- The company develops the TDL-series of agricultural-use vertical shaft pumps.

1935
The company changes its name to Tsurumi Manufacturing.

1950
The company develops the TDW-series of vertical shaft pumps for use in civil engineering and construction applications.

1951
- The company is incorporated as Tsurumi Manufacturing Company, Limited.
- **Jisaburo Tsujimoto becomes the company's first president.**

1953
The company develops Tsurumi's first submersible pump.

1961
Haruo Tsujimoto becomes the company's second president.

1963
The company develops the BB-series of submersible mini-pumps. The company develops a compact, lightweight submersible pump weighing just 15 kg that operates on 100 V residential power, making it a revolutionary product at the time.

1965
- The company plans a network of service facilities that would be no further than two hours by car from any location in the country. In 1980, it establishes a sales network consisting of 63 locations nationwide.
- The company develops the industry's first submersible pump with a built-in circle thermal protector (to protect the motor).

1967
The company develops the MB-series of electrode type automatic submersible pumps for use in facilities applications.

1968
The company develops the TB-series of float type automatic submersible pumps for use in facilities applications. The company offers the industry's first one-year warranty.

1969
- The company opens the Taipei Representative Office in Taiwan as the first step of its international strategy.
- The company completes the industry's first manufacturing plant dedicated to the production of compact submersible pumps.

1970
- The company completes the industry's first manufacturing plant with a production line for large pumps.
- The company develops the SS-series, the first line of pumps in the industry to feature a vortex impeller.

Founding 1924-1961

Improving and enriching farmers' lives with pumps

"You can't develop great new products by borrowing. We do 30 yen of business with 100 yen of investment."

First president
Jisaburo Tsujimoto

Founding Tsurumi Shokai at the tender age of 24
Tsurumi's founder resolved to build a business manufacturing and selling agricultural machinery to improve and enrich farmers' lives by making it easier to do the farmwork with which he himself had struggled.

1924

▲ TDL vertical shaft pump for agricultural applications

▲ A pair of TDL vertical shaft pumps feeding irrigation water into an irrigation canal

▲ An advertisement from the time

1950

▲ TDW vertical shaft pumps for civil engineering and construction applications

▲ Two-stage TDW vertical shaft pumps at a worksite

1953

▲ EP submersible pump, the first pump of its kind to be commercialized

1963

▲ A first-generation submersible mini-pump

1967

▲ MB electrode type automatic submersible pump for facilities applications

1968

▲ TB float type automatic submersible pump for facilities applications

1969

▲ Automatic painting and drying equipment at Tsurumi's compact submersible pump plant

1970

▲ A plant with a production line for large pumps

Growth 1961-1998

Completing a new Headquarters building and accelerating operational and business reforms

"Get out into the field. Don't evade complaints. Marshal all your skills to deal with them."

Second president
Haruo Tsujimoto

Took office in 1961
The new president dealt with serious management issues, including strengthening manufacturing and development structures and putting in place a domestic sales network, as markets expanded rapidly nationwide during an era of rapid economic growth.

1971

▲ The Osaka Headquarters building (three stories)

1973

▲ A compact submersible pump production line at the Tsurumi Product Center

1982

▲ The Kyoto Plant in 1982

1983

▲ Two TDS-1000MXS pumps delivered to a pumping station in Nagano Prefecture

1989

▲ Submersible pumps at work on a caisson of the Akashi-Kaikyo Bridge and KRS-1255 submersible seawater-resistant pumps used in caisson construction

1994

▲ The New Kyoto Plant at the time of completion

1997

▲ The Osaka Headquarters building at the time of completion

▲ The Taiwan Plant in 1997

1971
Construction of the Osaka Headquarters building (three stories) is completed.

1973
Construction of the Tsurumi Product Center is completed. The company starts manufacturing compact submersible pumps using state-of-the-art automation technology.

1976
The company establishes a local sales subsidiary in Hong Kong.

1978
The company establishes a local sales subsidiary in Singapore.

1979
The company stablishes a local sales subsidiary in Chicago, U.S.A.

1981
The company is listed on second section of the Osaka Securities Exchange.

1982
Construction of the Kyoto Plant is completed. The plant incorporates a state-of-the-art, computer-managed flexible manufacturing system (FMS), the first of its kind in the industry.

1983
The company delivers two submersible mixed-flow pumps that were among the largest of their kind in Japan at the time (with a 1,000 mm discharge bore and output of 220 kW) to Nagano Prefecture for use in preventing flood damage. The following year, the company delivers an even larger submersible mixed-flow pump (with a 1,100 mm discharge bore and output of 330 kW) to the city of Takatsuki in Osaka Prefecture.

1988
The company is listed on the second section of the Tokyo Stock Exchange.

1989
Tsurumi submersible pumps are chosen for use in the construction of caissons for the Akashi-Kaikyo Bridge.

1990
- Tsurumi products are chosen for use with the Water Ride, a waterborne transportation service offered at the International Garden and Greenery Exposition, which was held in Osaka's Tsurumi Ward.
- The company's shares are listed on the first section of the Tokyo Stock Exchange and Osaka Securities Exchange, and the company takes advantage of the occasion to announce a new communication mark. The following year, the company outlines its philosophy in "The Amenics Pledge: Comfort Engineering for People and the Earth."

1992
The company develops the VANCS-series of compact submersible resin made pumps for use in facilities applications.

1994
- Construction of the new Kyoto Plant is completed.
- Tsurumi submersible pumps are selected for use at Kansai International Airport's passenger terminal building.

1995
The Kyoto Plant becomes the first facility to earn ISO 9001 certification as a manufacturer of submersible pumps.

1997
- Construction of the new Osaka Headquarters building (seven stories) is completed.
- Construction of the Taiwan Plant, Tsurumi's first overseas production plant, is completed in Taoyuan, Taiwan. The facility begins manufacturing submersible pumps.

TSURUMI HISTORY from 1924

1998
- **Osamu Tsujimoto becomes the company's third president.**
- The company develops the Oil Lifter, a device for lubricating mechanical seals in submersible pumps. The product helps improve the reliability of mechanical seals, which lie at the heart of submersible pumps, while lowering maintenance management costs.

1999
- The company publishes the first issue of *Amenics*, its newsletter.
- The company develops a submersible pump with a variable-speed driver utilizing revolutionary technology and receives a Construction Technology Inspection Certificate (Sewage Technology) from a Japanese industry association.

2000
- The Tokyo Head Office opens in a company-owned building.
- The Kyoto Plant earns ISO 14001 certification.

2001
- The company establishes a local sales subsidiary in Malaysia.
- The Osaka Headquarters, Tokyo Head Office, and various branch offices earn ISO 14001 certification.

2002
Construction of the China Plant (present-day Shanghai Plant) in Shanghai, China, is completed.
The facility starts manufacturing submersible pumps and built-in motors.

2004
The company merges with Awamura Manufacturing.
The company enters the large drainage pump and liquid ring pump business at scale.

2006
The company establishes a local sales subsidiary in South Korea.

2007
The company establishes a local sales subsidiary in Thailand.

2009
Construction of a VP Building for machining is completed at the Yonago Plant.

2010
The Shanghai Plant earns ISO 9001 and ISO 14001 certification.

Expansion 1998 – to present

Accelerating globalization

"The greatest risk is doing nothing."

Third and current president
Osamu Tsujimoto
Took office in 1998
Tsurumi will strive continuously to pioneer new ways forward while focusing on the future in an effort to contribute to the global environment through its pump technology.

1998

▲ The Oil Lifter and cutaway view of a CZ pump

2000

▲ The Tokyo Head Office building

2004

▲ Awamura Manufacturing (present-day Yonago Plant)

2011

▲ Tsurumi vertical shaft mixed-flow pump with largest discharge bore delivered to a pumping station in Nagano Prefecture (with a 1,800 mm discharge bore and output of 420 kW)

2012

▲ The New Taiwan Plant, which manufactures primarily compact submersible pumps, at the time of its completion

2018

▲ The Molding Research Building and its sand casting additive manufacturing device (3D printer) at the Yonago Plant Illustration of a plan design based on 3D fluid analysis and a cutaway sample of a sand mold

2018

▲ The Vietnam Plant at the time of completion

▲ B-series high efficiency submersible sewage pumps, installed at a rainwater pumping station to prevent flooding

2019

▲ New Shanghai Plant, which combines Vacuum Engineering (which produces vacuum pumps on the first floor) and Shanghai Plant (which produces submersible pumps on the second floor), at the time of completion

▲ Tsurumi's local sales subsidiary in Australia, where the company is working to strengthen sales in the mining market

2020

▲ SSP-1350GS submersible column pumps (with a 1,350 mm discharge bore and output of 350 kW), some of the largest pumps of their kind in Japan, helping generate waterflow on an artificial canoe slalom course

2021

▲ The New Large Pump Production Building, which houses a large, 3,500 m³ underground test tank that's 11 m deep, at the Yonago Plant at the time of completion

2023

▲ Alloy Technology's Casting Division (Yao Plant) at the time of completion
The facility launched the Tsurumi Group's first casting business. Casting using sand molds created by 3D printers makes it possible to manufacture more precise parts.

2024

▲ Italy's ZENIT Group becomes a wholly owned subsidiary

▲ Completion of Motor Production Building at Kyoto Plant

2011
- Construction of the Fluid Research Building at the Yonago Plant is completed. The facility is expanded with a large testing tank.
- The company delivers a vertical shaft mixed-flow pump with the largest diameter of any Tsurumi pump (with a 1,800 mm discharge bore and output of 420 kW, powered by a gas turbine engine) for installation in Nagano Prefecture.

2012
- Construction of the new Taiwan Plant in Taoyuan, Taiwan, is completed. The facility manufactures primarily compact submersible pumps.
- The company registers its line of electrode type automatic submersible pumps with NETIS, a database administered by the Japanese government. It subsequently registers a series of other products, including the Oil Lifter, which extends submersible pumps' service life.

2013
- The company develops the JD-series of multi-disc dehydrators. The company works to expand its line of products for the compact dehydrator market by combining the new product with its existing line of multi-disc screw press dehydrators.
- The company establishes a local sales subsidiary in Indonesia.

2014
- Construction of the Training Building and Office Building at the Yonago Plant is completed.
- The company establishes a local sales subsidiary in the U.A.E.

2018
- Construction of the Molding Research Building at the Yonago Plant is completed. The facility starts researching sand molding using a sand casting additive manufacturing device (3D printer). (See page 14 for details.)
- Construction of the Vietnam Plant in Ho Chi Minh City, Vietnam, is completed. The facility starts manufacturing submersible pumps.
- The company develops the B-series of high efficiency submersible sewage pumps.

2019
- Construction of the new Shanghai Plant in Shanghai, China, is completed. The facility integrates vacuum pump, submersible pump, and motor manufacturing.
- The company establishes a local sales subsidiary in Australia.

2020
- Construction of Tsurumi East Japan Logistics in the city of Utsunomiya is completed. The facility serves as a logistics base for East Japan.
- Some of the largest submersible pumps of their kind in Japan from Tsurumi (the SSP-series of submersible column pumps) are used at Japan's first artificial canoe slalom course.
- The company establishes a local sales subsidiary in the Republic of South Africa.

2021
- The company develops the CZ-series, a revolutionary line of submersible smashing cutter pumps that combines high efficiency with throughout performance.
- The company develops the MRH-series of high efficiency submersible mixers.
- Construction of the new Large Pump Production Building at the Yonago Plant is completed. The facility has a large, 3,500 m³ test tank that's 11 m deep.

2022
The company's shares move to the Prime Market due to changes in the Tokyo Stock Exchange's market categories.

2023
- Construction of the Alloy Technology Casting Division (Yao Plant) is completed. The facility launches the Group's first special steel casting business. (See page 12 for details.)
- The Kyoto Plant launches the "IM2030: Innovative Manufacturing (Kyoto) 2030" project as it looks towards the next 100 years. (See page 11 and 12 for details.)

2024
- Tsurumi celebrates the 100th anniversary of its founding.
- The Italian company Zenit Group becomes a wholly owned subsidiary of Tsurumi.
- Motor Production Building completed at the Kyoto Plant.

ENVIRONMENT & SDGs

Efforts we are making in the name of sustainable development

Tsurumi provides technologies for controlling and safeguarding water, which is intrinsically inseparable from human life and activity. These technologies were born from the hydraulics of submersible pumps, similar to the way that life on earth originated in the sea, and are regularly being innovated to better serve those who work under challenging conditions and to ensure that water can be used beneficially by all. So much so, "Being water- and people-friendly" is the guiding principle behind everything Tsurumi offers. The bottom-line is that we view environmental protection as a mission and undertake SDG activities with our sights set on "Amenity-centric Engineering for both People and the Earth".

TSURUMI PUMP
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SUSTAINABLE DEVELOPMENT GOALS

Helping to make communities safe

Tsurumi is helping communities build their water infrastructure by developing and supplying a wide variety of submersible pumps and other products. Vastly experienced and knowledgeable, we can propose and provide the best solutions of both products and services, for each unique set of issues in every country and market.

Human resource development

Tsurumi is also promoting workstyle reform. We offer equal opportunities regardless of age, gender, or physical/mental challenges, and are focused on developing both the individual and our organization so that everyone can do their job to the best of their abilities and find a career path that best suits them.

Conversion to clean energy

To reduce our CO^2 emissions and environmental loads, we are introducing environment-friendly vehicles and switching all of our power sources to renewable energies.

For The **Earth**, For All The **People**

Tsurumi will continue its journey together with water to ensure our planet will continue to foster and safeguard health and life.

We will adapt to the changing global environment, refine the technologies we've accumulated to date, and pioneer new ways forward.

We at Tsurumi will continue to embrace the challenges that lie before us so that we can realize a rich, fulfilling, and comfortable society in the future.

Introduction to Tsurumi's SDG initiatives

TSURUMI PUMP
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