Hitachi Group Companies in Asia

Serving the World with Our Social Innovation Business
Overview

At Hitachi, your future is our concern. “Hitachi delivers innovations that answer society’s challenges. With our talented team and proven experience in global markets, we can inspire the world.”

Since its founding in 1910, Hitachi has held firm to the Mission of “contributing to society through the development of superior, original technology and products”. The creation of our first product, 5hp electric motor, is a testament of Hitachi’s technological capability. Today, we are committed to devising innovative solutions that combine products, services and highly sophisticated IT to respond and adapt to evolving needs.

Hitachi believes in contributing through our Social Innovation Business. This means that we study the problems that people face daily, assess how existing technology can be used to solve those problems, then anticipate and analyze the challenges ahead. Through careful, detailed research, Hitachi creates new technologies that not only make life better, but also make the world a better place to live in.

Hitachi’s Vision statement emphasizes our tireless quest for constant improvement: “Hitachi delivers innovations that answer society’s challenges. With our talented team and proven experience in global markets, we can inspire the world.” We are devoted to serving our clients’ needs; with our customer-driven philosophy, Hitachi continues to be a reliable partner in bringing the latest and most advanced solutions to meet our customers’ demands.
Today, society and customers desire innovative solutions to issues. In order to respond to this desire, Hitachi Group has been striving to be innovative by delivering innovations to customers and society through the fusion of operational technology (OT), information technology (IT) and our wide range of products and services.

With more than 100 years of expertise and group-wide capability, the ongoing focus on our Social Innovation Business initiatives enable us to develop a safer and more sustainable world by integrating IT and infrastructure technologies.

Asia is a very dynamic and diverse region which offers tremendous opportunities for Hitachi. Everyone, including myself, is expected to drive the growth of business as we are working in one of the most promising emerging economies in the world.

The strategic path we have taken in this region has allowed Hitachi to be more proactive and competitive. As a trusted solutions provider, our company is well-equipped to meet and even exceed the expectations of the growing list of business partners and customers.

Under the 2018 Mid-term Management Plan, Hitachi sets out to accelerate collaborative creation with customers through the advanced Social Innovation Business, in order to become an Innovation Partner for the IoT Era. In the plan, we will focus our efforts in four business domains – power and energy; industry, distribution, and water; urban; and finance, public, and healthcare. Our IoT platform "Lumada" will provide new and unprecedented innovations to our customers in times of digitalization.

Our strong commitment to all stakeholders is captured in our Company Vision - "Hitachi delivers innovations that answer society’s challenges. With our talented team and proven experience in global markets, we can inspire the world."

With a very solid brand driven by our dedicated team of people, and empowered by our innovation and advanced technologies, we are well-positioned to bringing social innovation to Asia.
Hitachi, Ltd.

**Corporate Data and Overview**

- **Founded**: 1910
- **President and CEO**: Toshiaki Higashihara
- **Numbers of group companies**: 803 (Japan: 181, Overseas: 622)
- **Number of employees**: 295,941 (As of 31st March, 2019)

*Based on International Financial Reporting Standards for the fiscal year ended March 31, 2019*

**Revenue by Industry Segments**

- Total: 9,368.6 Billion JPY
- Information & Telecommunication Systems: 20%
- Social Infrastructure & Industrial Systems: 25%
- Electronic Systems & Equipment: 9%
- Construction Machinery: 10%
- Automotive Systems: 9%
- High Functional Materials & Components: 17%
- Smart Life & Ecofriendly Systems: 5%
- Others: 5%

**Revenue by Region**

- **Japan**: 49%
- **North America**: 13%
- **Overseas**: 51%
- **Europe**: 11%
- **China**: 11%
- **Asia**: 21%
- **Others**: 6%
### Operations in ASEAN

<table>
<thead>
<tr>
<th>Country</th>
<th>Total Companies</th>
<th>Total Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASEAN TOTAL</td>
<td>126 companies</td>
<td>29,035 employees</td>
</tr>
<tr>
<td><strong>Indonesia</strong></td>
<td>16 companies</td>
<td>3,877 employees</td>
</tr>
<tr>
<td><strong>Philippines</strong></td>
<td>8 companies</td>
<td>3,184 employees</td>
</tr>
<tr>
<td><strong>Malaysia</strong></td>
<td>29 companies</td>
<td>3,247 employees</td>
</tr>
<tr>
<td><strong>Singapore</strong></td>
<td>27 companies</td>
<td>2,762 employees</td>
</tr>
<tr>
<td><strong>Thailand</strong></td>
<td>35 companies</td>
<td>13,586 employees</td>
</tr>
<tr>
<td><strong>Vietnam</strong></td>
<td>8 companies</td>
<td>1,706 employees</td>
</tr>
<tr>
<td><strong>Myanmar</strong></td>
<td>3 companies</td>
<td>673 employees</td>
</tr>
</tbody>
</table>

As of 31 Mar 2019
### Business Portfolio in Asia

#### Information & Telecommunication Systems
- Consulting, Systems Integration & Outsourcing
- Business Applications & Analytics
- Storage
- Server
- Network & Telecommunication
- Cloud, DC & System Management
- ATMs

#### Power Systems
- Renewable Energy Power Generation Systems
- Transmission & Distribution Systems

#### Social Infrastructure & Industrial Systems
- Industrial Machinery and Plants
- Elevators
- Escalators
- Railway Systems

#### Electronic Systems & Equipment
- Semiconductor and LCD Manufacturing Equipment
- Test and Measurement Equipment
- Advanced Industrial Products
- Medical Electronics Equipment

#### High Functional Materials & Components
- Wires and Cables
- Semiconductor and Display-Related Materials
- Circuit Boards and Materials
- Automotive parts (plastic moulding, etc)
- Energy Storage Devices
- Specialty Steels
- Magnetic Material and Components
- High Grade Casting Components and Materials

#### Construction Machinery
- Hydraulic Excavators
- Wheel Loaders
- Mining Equipment

#### Automotive Systems
- Engine Management Systems
- Electric Powertrain Systems
- Drive Control Systems
- Car Information Systems

#### Smart Life & Ecofriendly Systems
- Room Air Conditioners
- Refrigerators
- Washing Machines
Hitachi’s innovative ICT solutions have enabled our customers to discover new competitive advantages, realize significant improvement in their decision-making process and attain better business efficiency – resulting in improved productivity, time-to-market and tremendous savings in business and ICT operational costs.

Hitachi’s cutting-edge ICT solutions encompass a myriad of products, technologies and professional services. As your trusted partner and advisor, our industry-savvy and certified consultants will collaborate with you to design and implement the best-of-breed business applications, ICT infrastructure (DC, storage, server, network & security), system management and office automation solutions etc. to enhance your business.

With our unparalleled expertise in Big Data, Business Analytics/Intelligence, Mobility and Cloud etc., Hitachi will provide you with real-time information analysis, enabling you to work faster and smarter. We will leverage our proven methodologies to integrate your processes, technologies and people, and optimize your ROI for ICT.

Hitachi’s global best practice is an advantage which we will share with you to keep you updated on the latest industry developments and to be ahead of your competition.
Business & ICT Solutions Integration
Consulting, Business Applications, ICT
Infrastructure & Systems Integration

Credit Management and Trade System Solutions
Credit Management and Trade Finance Solutions

Integrated Systems Management
Job Management Partner 1 (JP1)

Storage
Hitachi Virtual Storage Platform
In today’s world, energy demands are high, and meeting those needs could mean more greenhouse gas emissions, resulting in further global warming. In response to those concerns, Hitachi has devised sustainable solutions in energy production by cutting emissions of carbon dioxide, a greenhouse gas. With more than 100 years of experience in the power business, Hitachi is a global supplier of highly efficient power systems with a low impact on the environment.

Solar and nuclear power have been considered a relatively cleaner way of generating energy, and Hitachi looks into all aspects of its renewable energy solutions to maximize productivity and safety. Hitachi is also working on alternative ways to produce energy, focusing on systems that use wind, photovoltaic power, and other forms of renewable energy.

In the specialized field of transmission and distribution, Hitachi develops, manufactures, installs and services a wide range of high quality electrical equipment such as power transformers, circuit breakers, switchgears etc. These highly attractive features provide customers with optimal solutions through total coordination of power production, procurement and service network.

If you are looking for reliable power supply systems that are safe for the environment, let Hitachi help you meet your requirements.
Modern comforts and everyday conveniences are what make our lives easier. Hitachi serves people living in diverse urban environments through the building of strong public infrastructure that supports sustainable development and enhanced comfort.

Hitachi plays a multi-faceted role in social infrastructure, such as the areas of manufacturing, water treatment and transportation. One field that we are focusing on is water environmental solutions. For example, Hitachi has intelligent water systems that involve new water circulation systems that respond to water resource problems.

We also look into ultra high-speed, large capacity elevators for high-rise buildings, and efficient packaged air-conditioning systems to create comfortable environments for commercial and office use. Hitachi also takes an environmentally conscious approach to urban development by conceptualizing energy-efficient railway systems.

Hitachi also provides engineering solutions to protect critical facilities from the devastating effects of natural and accidental disasters which include lightning, earthquake and flooding.

We have our eye on creating a better and brighter future in the long term. Hitachi is a social innovation business, and we will continue to push ourselves to deliver new ideas and improve the quality of our social infrastructure.
Elevators and Escalators
Elevators / Escalators / Moving sidewalks

Railway Systems
Monorail / Rolling Stock / Signaling etc.

Industrial Machinery
Oil Flooded Screw Compressors - HISCREW Next Series
Hitachi Ink Jet Printers - RX2 Series

Water Plants
Sea Water Reverse Osmosis (SWRO) Systems
Electronics have come to form the cornerstones of the manufacturing and healthcare fields, with Hitachi being a world leader in developing state-of-the-art electronic systems and equipment to meet numerous needs.

For instance, in 1972, Hitachi was the first to commercialize the field emission electron microscope, valued for producing high-resolution, ultra-fine images. This is a vital tool in semiconductor production and inspection, and medical analysis systems.

Hitachi’s attention to details has resulted in “patient-friendly” medical equipment, which ensure effective diagnostics and medical treatment that also cater to patient welfare. One example would be Hitachi’s CT machines, which use the latest technology to reduce patients’ exposure to radiation when they undergo scans.

With electronic devices and equipment continuing to play an increasing role in today’s society, Hitachi is constantly reinventing itself, in order to provide customers with an ever-increasing range of reliable electronic solutions.
Electronic Systems & Equipment

Medical Imaging Equipment

Echelon Oval Magnetic Resonance Imaging (MRI) Scanner

Semiconductor Manufacturing Systems

QUIXACE Batch Thermal Process System for 300mm Wafers

Test and Measurement Equipment

Field Emission Scanning Electron Microscope (FE-SEM)
As cities across the world continue to grow, infrastructure development becomes much faster, in turn driving up demand for construction machinery. There is also a need to achieve progress through sustainable means to reduce the burden on the environment.

Hitachi has a long history in providing reliable construction machinery for creating a more comfortable and advanced society, with an array of excavators, wheel loaders, dump trucks, compaction equipment and cranes. To cope with the increasing demand for natural resources in recent years, Hitachi has responded to this challenge from different angles: exhaust emissions are some of Hitachi’s considerations when improving our equipment.

Hitachi’s commitment to develop technologies that reduce the load on the environment has resulted in revolutionary products such as electric-hydraulic excavators that have zero exhaust emissions and fuel-efficient hybrid excavators. As such, Hitachi balances economic progress with eco-friendly solutions, supplying highly reliable machinery that uses fewer resources and emits less greenhouse gases.
## Construction Machinery

### Excavators
- **ZX200-5G Excavator**

### Wheel Loaders
- **ZW220 Wheel Loader**

### Dump Trucks
- **EH5000AC-3 Rigid Dump Truck**

### Attachments and Applications
- **ZX330LC-5G Material Handling Machine**
High functional materials play an important role in enhancing the performance of modern products and systems. Hitachi applies nanotechnology and other leading-edge technologies to devise new materials that dramatically improve product performance.

One example is the Amorphous Metals Metglas®, whose property of low energy loss results in small, lightweight and highly efficient amorphous transformers. Hitachi also pioneered the development and manufacture of the revolutionary NEOMAX® Series Nd-Fe-B Sintered Magnets, used to power machines both big and small.

Essentials in today’s connected society, wires and cables form the lifelines of social infrastructure, such as power systems, industrial systems and data and telecommunication networks. Hitachi supplies electric wires and cables for the construction of various forms of social infrastructure. Among Hitachi’s innovations are high-speed railway rolling stock cables, magnet wires for hybrid electric vehicles and magnet wires for wind power generators. With an eye for a sustainable future, Hitachi tirelessly pushes for the development of more advanced materials and components to benefit all industries.
High Functional Materials & Components

**Structural Parts and Sintered Bearings**
NIKKALOY

**Functional Films**
Optical Clear Adhesive Film

**Magnets and Soft Magnetic Materials**
Amorphous Metals Metglas®
NEOMAX® Nd-Fe-B Sintered Magnets

**Circuit / Wiring Boards**
Printed Wiring Board

**Automotive Materials**
HITALOCK Carbon Sliding Materials
Hitachi works on conserving the environment, by developing electric motors and inverters with low carbon dioxide emissions. Hitachi is also looking into DIG systems for smaller, more fuel-efficient engines.

Hitachi looks into your personal safety. In addition to control systems for brakes, suspension, and other sub-systems as well as car navigation systems, Hitachi also supplies high quality automotive parts such as carbon sliding materials and catalyst carriers to ensure automobiles operate at their best. To maintain the condition of automobiles, Hitachi provides support solutions such as testing equipment to determine if a bus or truck is at its peak performance.

Not just a manufacturer of automotive systems, Hitachi focuses on building a better relationship between vehicles and society, and intends to go further in bringing you the best for a comfortable and safer ride.
Balancing lifestyle needs and environmental concerns are Hitachi’s forte when it comes to bringing you the latest multi media and consumer products.

Hitachi has a global reputation of supplying reliable and versatile electronic products for both commercial and domestic use. Our eco-friendly home appliances such as refrigerators, air-conditioners, washing machines and vacuum cleaners, provide substantial cost savings to households. We also enhance consumer lifestyles with innovative beauty products.

At offices and schools, presentations are made easier with Hitachi’s data projectors that feature inbuilt interactive functions and the most advanced optics and application technology.

Leveraging on our energy management techniques and technological know-how, Hitachi works towards bringing you the latest multi-media and consumer products, helping you make lifestyle choices which are environment friendly.
**Smart Life & Ecofriendly Systems**

**Home Appliances**
- Washing Machines, Refrigerators, and Air Conditioners

**Audio and Visuals**
- Data Projectors

**Beauty Products**
- Ion Cleansing Device
The Hitachi Young Leaders Initiative (HYLI) is Hitachi’s way of fulfilling its commitment to society, particularly helping build future generations through innovative education. This community relations program seeks to identify and nurture potential Asian leaders among the best and brightest students in Asia, bringing them together to discuss regional and global issues with influential government officials, prominent business leaders, academics, and NGO representatives.

Through the years since its inauguration in Singapore in 1996, HYLI consistently provides the youth leader participants with a unique platform where they can broaden their perception, understanding, and perspectives while promoting Asian values and sharing cross-cultural experiences with other delegates. Participating countries are from Indonesia, Malaysia, Myanmar, the Philippines, Singapore, Thailand, Vietnam, and Japan. Each country is represented by up to four university student delegates who were carefully selected as recipients of this unique program.

The 14th HYLI Program was held at Yangon, Myanmar from July 10-13, 2017. High level country selection panels chose 32 top student delegates to represent their countries at the program. The students were divided into four groups, each represented by at least one country representative. The students attended a series of plenary sessions, workshops, discussions and activities culminating with group presentations on their proposed initiatives for the sustainable urban development of Yangon City.
Hitachi Myanmar Laboratory at the University of Information Technology, Yangon (UIT)

Hitachi established Hitachi Myanmar Laboratory at the University of Information Technology, Yangon (UIT) to develop Myanmar’s next generation of IT leaders.

In addition to sending engineers from Japan to offer IT courses for UIT professors and students, Hitachi will also donate the necessary IT platform such as servers for the courses. Since 2013, Hitachi has been offering training programs by companies, governments, and universities, inviting UIT professors chosen by the COE to Japan. The establishment of the laboratory is expected to accelerate development of IT personnel. For the next five years, Hitachi is planning to offer two-week courses for UIT professors and graduate school students four times a year as well as the necessary IT platform.
Hitachi Universal Design Program
The Hitachi Universal Design Educational Program was initiated to generate awareness and creative thinking among youth on the importance of user-friendly and eco-friendly product design.

Since its launch in 2011, employees of Hitachi Asia (Malaysia) have volunteered to visit primary and secondary schools across Malaysia. Employees spent about half a day in the school delivering lectures and facilitating interactive workshops to students.

Though this program, Hitachi aims to continue raising awareness among youth on the importance of Universal Design.

Hitachi Library Project
The Hitachi Library Project was initiated to provide school books and educational materials to schools in need, especially those in the remote areas of Thailand, with the aim of improving the general knowledge of students.

Since the launch of the program in 1993, employees of Hitachi Asia (Thailand) have been volunteering to visit schools located in underprivileged areas.

For the Library Project in FY2016, Hitachi donated more than 4,000 books, worth more than 390,000 Baht, to 8 schools across Thailand provinces. With the help of volunteers from the Hitachi Scholarship Foundation Alumni, Hitachi has distributed essential stationaries such as notebooks, pens, pencils and rulers to the students.

As of March 2017, Hitachi volunteers have made a difference and improved the learning environment of 244 schools across Thailand.
Orchard Christmas Light-Up
Since 1991, Singapore’s annual Christmas Light-Up on Orchard Road is one of the Hitachi Group’s longest standing community contribution programmes. For 28 years, the Hitachi Group has been bringing Christmas cheer to visitors as a main sponsor for the Christmas Light-Up. In conjunction with this sponsorship, the Hitachi Group Companies in Singapore also donated S$230,000 to support social service programs under the Community Chest, as part of our corporate social responsibility efforts. Through Hitachi’s sponsorship, more than 80 charities supported by the National Council of Social Service’s fundraising and engagement group, Community Chest will benefit from this financial assistance. To date, Hitachi’s donation is about S$5.3 million.
Since its founding, the Hitachi Group has carefully passed down Hitachi’s Mission and Values to generations of employees, principles that allow us to deliver the best to our customers and the world.

Now, guided by our Mission and Values, we have created a new Vision to express the Hitachi Group’s goal of being a Social Innovation Business — a Vision that spurs us to rise to the challenge of tackling important social issues on a global scale. Our Vision is to provide total solutions for sustainable living, creating value that will last generations. We strive to drive innovation and “Inspire the Next” by refining technologies and developing new ones to meet tomorrow’s challenges.

To realize Hitachi’s Vision, we believe in identifying issues from customers’ perspectives and working on solutions together with customers as “One Hitachi”.

This reflects our aspirations for the future, for our customers and business partners around the world as we continue to provide answers to serious global challenges.

For more details, please visit our brand site at: http://www.hitachi.com/corporate/about/identity