OUR PRINCIPLES
- We deliver reliable and innovative solutions that make a lasting difference to customers and communities worldwide.
- We act with integrity and fairness, always respecting others.
- We constantly strive for excellence in our operations and technology, building on a wide global outlook and deep local insights.

MHI GROUP CSR ACTION GUIDELINES
MHI Group strives to move the world toward a more secure future. Through our technology, our business practices and our people, we:

CARE FOR THE PLANET
We are eco-conscious, and engineer environmentally friendly technologies that improve sustainability and protect the Earth

CREATE A MORE HARMONIOUS SOCIETY
We embrace integrity and proactive participation to solve societal challenges

INSPIRE THE FUTURE
We cultivate global talent who share a vision and desire to move the world forward for generations to come

The tagline advocates that we “Move the world forward” together with our global customers and local communities toward a more sustainable future.

ON LAND

AT SEA

IN THE SKY

IN SPACE

Maintaining our value to society by adapting to changing times and embracing the challenges facing humankind today, tomorrow and well into the future—on land and at sea, in the sky and in space, we move the world forward.
With a perspective gained from 130 years of history and tradition on land, at sea, in the sky and in space, MHI Group addresses social issues and takes on challenges for the future.

1880 – 1945
Building a Transportation Infrastructure from Roots in Shipbuilding

MHI’s monozukuri began with the lease of Nagasaki Shipyard from the Ministry of Industry. Even as the company built Japan’s first steel steamship and battleships, it applied the technology and know-how cultivated in those endeavors to begin production of automobiles and aircraft, thereby expanding its range of business as a comprehensive manufacturer of transport equipment. As global tensions rose, the company entered into an age in which its technologies—more advanced than those of most countries at that time—would be diverted to military use.

1946 – 1963
Supporting Post-war Recovery with Consumer Products

After the war, in line with national policy, MHI shifted its emphasis from military hardware to the development and manufacture of consumer, air conditioner, and many other types of consumer products. In 1953, in line with the GOJ’s policy of dissolving large industrial groups (Baraketsu), MHI was divided into three independent companies. As a result, the scale of products grew more diverse, and the three companies fell into competition. However, this technology race would provide the foundation for the leading company in heavy industry.

1964 – 1990
Merging of Three Heavy Industry Companies Leads to Large-scale Development

In 1964, the same year Tokyo hosted the Summer Olympics, the three principal heavy industry companies reunited, creating today’s form of MHI Group. Its products expanded to encompass the fields of land, sea and air, and included oil-drilling rigs, power plants, tankers and bridges. In addition, the successful lift-off of the Mi-Launch vehicle occurred during this period, and the Group’s participation in full-fledged space development began.

1991 –
Supporting a Sustainable Society as a Comprehensive Infrastructure Company

MHI Group has always sought high efficiency, and as the trend toward global environmental conservation gains momentum and the concept of ecology becomes commonplace, the company’s gas turbine, eco-air- and other technologies and product fields are expanding on a global scale. The Group is working to develop technologies and products that help make societies more sustainable while raising its profile worldwide as a comprehensive infrastructure company.

SPACE:

1991
Launched the first H-1B Launch Vehicle and successfully launched the first H-1B after privatization
2002
Successfully launched the first E-1 Launch Vehicle with the largest ever ICBM capacity in Japan
2009
Successfully launched the first H-IIB Launch Vehicle with the first H-IIB in Japan
2013
Successively launched the first four International Space Station Transfer Vehicles (I-SSTVs)

SKY:

1968
First flight of the "Global Express" business jet jointly developed with Bombardier
2003
Launched the first mass-produced P-2 Fighter
2007
Successfully launched the MHI group and commenced joint activities

LAND:

2000
Completed the Tatara Bridge, Japan’s longest cable-stayed bridge with the world’s highest span
2011
Completed the world’s longest train station with the world’s highest efficiency
2015
Commenced operations of the PWR nuclear power plant at Kansai Electric Power Mihama Unit 1

SEA:

2003
Designed the destroyer, AOKI MARU
2011
Commissioned development of the "FUTURER" new-generation USO carrier
2015
Commissioned the MRJ900, the first larger passenger ship equipped with a water-removal and water-holding propulsion system
ENERGY SYSTEMS

2. Steam Power Plant/JERA Co., Inc. Hitachinaka Thermal Power Station No. 1, No. 2 (Japan)
5. Aero-derivative Gas Turbine FT8® MOBILEPAC®
6. M501J Gas Turbine
7. LP Steam Turbine Rotor with 54-Inch Blades for Nuclear Power Plant
8. 1,120 MVA Turbine Generator
9. Flue Gas Desulfurization Plant/Kozienice Power Plant (Poland)
10. Solid Oxide Fuel Cell (SOFC)/Micro Gas Turbine (MGT) Hybrid System
12. MVOW Platform™ Off shore Wind Turbine (Belgium)
13. MVOW Platform™ Off shore Wind Turbine (Denmark)
14. MVOW Platform™ Off shore Wind Turbine (Germany)
15. MET Turbocharger
16. Ultra Steam Turbine (UST) Plant
17. Auxiliary Boiler
18. Flue Gas Desulfurization Plant/Naracena Power Plant (Poland)
19. Solid Oxide Fuel Cell (SOFC)
20. Ultra Steam Turbine (UST) Plant
21. 1,120 MVA Turbine Generator
22. Fuel Debris Removal Robot Arm

NUCLEAR ENERGY SYSTEMS

24. V2500 Series (Turbofan)
25. Trent Series (Turbofan)
26. PW1000G Series (Turbofan)
27. V2500 Series (Turbofan)
28. Trent Series (Turbofan)
29. PW1000G Series (Turbofan)
30. MRO: Maintenance, Repair and Overhaul
PLANTS & INFRASTRUCTURE SYSTEMS

MITSUBISHI SHIPBUILDING CO., LTD.
Commercial Ships

1. Ferry, SETTsu
2. Cargo-passenger Ship, Ogasawara Maru
3. RO/RO Ship, Himawari 8
4. Marine Resources Survey Ship, Hakurei
5. Patrol Vessel, Shunko
6. LPG Carrier, Future Energy
7. SOx Scrubber Systems for Large Output Engines
8. SOx Scrubber Systems for Small to Medium Output Engines
9. LNG Fuel Gas Supply System (FGSS)
10. Kami-Goto National Oil Stockpiling Site
11. Ammonia and Methanol Co-production Plant (Tatarstan/Russia)
12. Ammonia/Urea Plant (Malaysia)
13. Methanol Plant (Venezuela)
14. Polyethylene Plant (Mexico)
15. Directed Reduction Iron-making Plant
16. Converter
17. Continuous Galvanizing Line
18. Large Precision Machine
19. Precision Position Feedback Detector

MITSUBISHI HEAVY INDUSTRIES MARINE STRUCTURE CO., LTD.
Marine Structures

MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD.
Chemical Plants

Transportation Systems

MITSUBISHI HEAVY INDUSTRIES TRANSPORTATION AND CONSTRUCTION ENGINEERING, LTD.
Transportation Systems/Transportation Equipment

MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.
Environmental Systems

PRIMETALS TECHNOLOGIES LIMITED
Metal Machinery

MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD.
Machine Tools

25. LRV Light Rail Vehicle for Hiroshima Electric Railway Co., Ltd.
26. Suspended-type Monorail (Chiba Urban Monorail)
27. Calenary Wiring Vehicle for Shinkansen
28. Brake Control Unit
29. Pneumatic Brake Caliper
30. Variable Opening Type Platform Door
31. Passenger Boarding Bridge
32. Waste-to-Energy Plant (Singapore)
33. Sewage Sludge Carbonization Plant (Tokyo, Japan)
34. Industrial Waste-to-Energy Plant (Mi-Chau Khatas Energy Plant)
35. Sinter Plant Equipped with Waste Gas Recirculation
36. Directed Reduction Iron-making Plant
37. Converter
38. Continuous Billet Caster
39. Electric Arc Furnace
40. Hot Strip Mill
41. Box Picking Pickle
42. Tandem Cold Mill
43. Continuous Galvanizing Line
44. Large Precision Machine
45. Super Skiving Machine/Super Skiving Cutter
46. Directed Energy Deposition AM System
47. Room Temperature Wafer Bonding Machine
48. Precision Position Feedback Detector
LOGISTICS, THERMAL & DRIVE SYSTEMS

1. Reach-type Forklift
2. Small-sized Engine-powered Forklift
3. Large-sized Engine-powered Forklift
4. Storage System
5. Laser-guided AGF
6. Marine Diesel Engine, S6R2-T2MTK3L
7. Diesel Engine Generator Set, MGS 2700B
8. Container-configured 1.5 MW Gas Engine Distributed Power Generation System, MEGANINJA
9. Gas Engine, KU30GSI
10. Remote Monitoring Service
12. Gas Engine Cogeneration System
13. Turbocharger for Gasoline Engine Integrated with Sheet-metal Exhaust Manifold
14. Variable Geometry (VG) Turbocharger for Diesel Engine
15. Turbocharger for Truck
16. Residential Air-conditioner
17. Inverter Packaged Air-conditioner
18. Multi-split Type Air-conditioner
19. Air-sourced Heat Pump Chiller, MSV
20. Commercial Use CO2 for Air-to-Water Heat Pump, Q-ton and Tank
21. Variable Speed Drive Centrifugal Chiller, ETI-Z
22. Plug-in Hybrid Transport Refrigeration Unit, TEOB
23. Electric Scroll Compressor
24. Belt-type Scroll Compressor
25. HVAC Module (Heating, Ventilation and Air-conditioning)

MACHINERY SYSTEMS

1. Tractor GA551
2. Combine Harvester V218
3. Rice Planter LE80AD
4. Cultural/Sports Facility (Saitama Super Arena)
5. Full-scale Aero-acoustic Wind Tunnel
6. Mechanical Parking System
7. Industrial Chimney
8. Penstock
9. Car Crash Simulator
10. Aseptic Filler
11. Intelligent Transport System
12. Accelerator
13. Box Making Machine, EVOL
14. Newspaper Offset Press, DIAMONDSTAR
15. Curing Press for Passenger Car Tires
16. Material Handling Equipment
17. Engine & Energy
18. Turbochargers
19. Automotive Air Conditioners
20. Agricultural Machinery
21. Machinery Systems
22. MACHINERY SYSTEMS
23. LOGISTICS, THERMAL & DRIVE SYSTEMS
24. MITSUBISHI LOGISNEXT CO., LTD.
25. MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
26. MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.
27. MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
28. MITSUBISHI MAHINDRA AGRICULTURAL MACHINERY CO., LTD.
INTEGRATED DEFENSE & SPACE SYSTEMS

1. F-2 Fighter
2. F-15J Jet Fighter
3. SH-60K Maritime Patrol Helicopter (JMSDF)
4. Type 04 Air-to-Air Missile (AAM-5B)
5. Surface-to-Air Missile System (PATRIOT PAC-3 (MSE))
6. Joint SM-3 Flight Test
7. Type 12 Surface-to-Ship Missile System (12SSM)
8. Launch of H-IIA Launch Vehicle
9. H-IIB Rocket Launch Complex at Launch Pad 2 for Japan Aerospace Exploration Agency (JAXA)
11. LE-7A LOx/LH2 Engine, Thrust: 112 Tons (Vacuum) for H-IIA and H-IIB Launch Vehicle First Stage
12. Cell Biology Experiment Facility (CBEF) for “KIBO” Module on International Space Station (ISS)
13. Space Propulsion Systems/Monopropellant Thrusters
14. Type 10 Main Battle Tank
15. Type 16 Mobile Combat Vehicle
16. Heavy Wheeled Recovery Vehicle
17. Forklift with Radiation Shielded Cabin
18. 6NMU Engine
19. Destroyer, ASHIGARA
20. Submarine, ORYU
21. Destroyer, ASAHI
22. Cable Repair Ship, MUROTO
23. Torpedo/Converted Underwater Vehicle

COMMERCIAL AVIATION SYSTEMS

24. Vertical Launching System (VLS MK41)
25. Deep Sea Cruising AUV, URASHIMA
27. Networked Coastal Security System, CoasTitan
29. Boeing 787 (MHI: Composite Main Wings)
30. Boeing 787 Composite Main Wings before Shipping
31. Boeing 777X (MHI: Aft Fuselage Panels, Tail Fuselage, Passenger Entry Doors & Bulk Cargo Doors)
32. Boeing 737 (MHI: Inboard Flaps)
33. Boeing 767 (MHI: Aft Fuselage Panels & Cargo Doors)
34. Boeing 767 (MHI Center Wing)
35. Bombardier Global 5000/6000 (MHI: Wings, Center Fuselage & Center Wing)
36. Mitsubishi SpaceJet
37. Final Assembly Process
38. First Engine Run
Accelerating the expansion of our global network to reach new levels of growth and development

**GLOBAL & DOMESTIC NETWORK**

**DOMESTIC OFFICES**
- Kansai Office
- Kyoto Office
- Yokohama Office

**OVERSEAS OFFICES**
- Kansai Office
- Osaka Office
- Naha Office
- Kobe Office
- Miyazaki Office
- Okinawa Office
- Hiroshima Office

**REGIONAL HEADQUARTERS**
- Mitsubishi Heavy Industries America, Inc.
- Mitsubishi Heavy Industries Europe, Ltd.
- Mitsubishi Heavy Industries South America, Ltd.
- Mitsubishi Heavy Industries Australia, Pty. Ltd.

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**DOMESTIC WORKS & PLANTS**
- MHI Industrial Systems
- Mitsubishi Heavy Industries Mexicana, S.A. de C.V.
- Mitsubishi Heavy Industries (UK) Limited
- Mitsubishi Heavy Industries (Thailand) Co., Ltd.
- Mitsubishi Heavy Industries (Australia), Pty. Ltd.

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- Mitsubishi Heavy Industries (India) Private Ltd.

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