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Social

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Value Chain Management

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Innovation Management

GRI 103-2

Relevant SDGs



Why

— Why it matters —

Hitachi is focusing its efforts on Social Innovation Business as part of its mission “to contribute to society through the development of superior, original technology and products.” We have also set a goal to become a “global innovation leader” driving Society 5.0 initiatives and contributing to the realization of the UN’s Sustainable Development Goals (SDGs). In fiscal 2021, the final year of the 2021 Mid-term Management Plan, we are accelerating open innovation through initiatives focusing on the three areas of Environment, Resilience, and Security & Safety; further enhancing Lumada and NEXPERIENCE, a co-creation methodology for collaborative creation with customers, and leveraging “Kyōsō-no-Mori,” a new research initiative for open collaborative creation. Hitachi is creating solutions that help customers improve the value they provide to society, the environment, and the economy, deploying our intellectual property of these solutions globally and so helping to address social issues by achieving the SDGs and the Society 5.0 initiative.



Research & Development

What

— What we are doing —

- Generating value-innovation (for Environment, Resilience, and Security & Safety)
- Contributing to Lumada business expansion (development of world-leading technology for OT × IT × Products)
- Strategic positioning to resolve future challenges facing society (reinforcing initiatives to address the needs of society in 2050)

How

— How we are doing it —

Policy and promotion structure

To become “a global innovation leader” driving Society 5.0 and the realization of the SDGs, the Global Center for Social Innovation (CSI) is working with front-line teams to foster value-based innovation. Also, the Center for Technology Innovation (CTI) is promoting technology development to expand the Lumada business. In addition, the Center for Exploratory Research (CER) is promoting research to address the needs of society in 2050 as a stepping stone toward solving future social issues.

Achievements in Fiscal 2020

Develop and socially implement human-centric AI	Established principles guiding the ethical use of AI
Generate and share visions through industry- governmentacademia collaborations	Held collaborative forums with leading universities, published the research results Promoted open innovation with governments and academic institutions in each country and region
Realize Lumada cyber-physical systems (CPS)	Promoted technology development in the areas of AI, 5G, beyond 5G, massively big data processing, cybersecurity, and authentication infrastructure
Generate product innovation	Reinforced research and development in areas such as robotics and electrification
Enhance technology platforms	Technology developments in quantum computing, regenerative medicine and hydrogen systems as disruptive technology
Foster the development of top-class AI talent	Top-class AI talent: 356 employees Target 350 employees by fiscal 2021 Achieved ahead of schedule in April 2021 Established the Lumada Data Science Lab. bringing together top data scientists
Adapt to a new normal society	Developed and implemented work shift optimization solution suitable for remote working Developed the “BuilMirai” IoT platform for building management

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Intellectual Property

What

— What we are doing —

- Creating solutions and supporting global expansion
- Promoting IP activities to resolve social issues such as SDGs and Society 5.0

How

— How we are doing it —

Policy and promotion structure

Under the Social Innovation Business, Hitachi has formulated and implemented an IP strategy that consists of three pillars: competitiveness, collaboration, and society. By establishing sites in various countries, we are also promoting global IP activities for the globalization of our business.

Achievements in Fiscal 2020

Strengthen solution creation	Developed a issue discovery and ideation methods using intellectual property information Implemented incentive measures such as in-house education Launched the Environmental Intellectual Property Enhancement Project to improve the provision of environmental value
Deploy Hitachi-developed intellectual property globally	Enhanced international patent applications (PCT applications) including the results of open innovation
Contribute to solving social issues	Promoted "IP for society" which utilizes intellectual property in specific fields that are of great public interest to maintain social norms and advance solutions to social issues

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Research and Development

Hitachi's R&D Policy and Initiatives

Policy Activities

Over a history of more than a 100 years, Hitachi's research and development has pursued the company Mission "to contribute to society through the development of superior, original technology, and products," and generating innovation for the future by pursuing cutting-edge technologies of the time. In the 2021 Mid-term Management Plan, the Research & Development Group set a goal to become a "global innovation leader" driving Society 5.0 initiatives to contribute to the realization of the UN's Sustainable Development Goals (SDGs), and accelerated open innovation which assimilates external knowledge into our OT x IT x Products technology platforms and knowhow.

Further, against a backdrop of a rapidly changing society and environment, Hitachi is focusing on the three areas of "Environment," "Resilience," and "Security & Safety" to deliver value-based innovation through the use of Lumada to resolve issues.

Through such initiatives, Hitachi aims to simultaneously enhance "Social," "Environmental," and "Economic" value for our customers and raise people's quality of life (QoL).

R&D Policy for Fiscal 2021

Generate value-based innovation

- Work with front-line teams to generate value in "Environment," "Resilience," and "Security & Safety"

Contribute to the business expansion of Lumada

- Accelerate Lumada platform technology development
- Promote development of world-leading technology for OTxITxProducts which supports value creation

Strategic positioning to resolve future societal issues

- Strengthen initiatives with a view to society in 2050

Hitachi's Structure to Promote R&D

Structure Activities

To realize the R&D policy, the Global Center for Social Innovation (CSI) is working with front-line teams to generate value-based innovations. Further, to accelerate the expansion of Lumada business, the Center for Technology Innovation (CTI) is developing world-leading technology for OT x IT x Products which supports value creation.

In regard to Environment, a key area of focus for Hitachi, we are pursuing close collaboration with Hitachi ABB Power Grids and Hitachi Astemo for decarbonization and electrification. Furthermore, the Center for Exploratory Research (CER) is pursuing research focusing on society in 2050, to strategically position Hitachi for resolving future societal challenges.

It is working closely with the Corporate Venturing Office

established in April 2019 to agilely integrate disruptive technology and business models from startups and quickly establish new businesses that capture changes in society and its needs.

Global R&D Structure (As of April, 2021)



Achievements in Fiscal 2020

The Lumada Data Science Laboratory was established as part of Kyōsō-no-Mori^{*1} to bring together top data scientists to further enhance value through digital solutions. In July 2020, Fellow Kazuo YANO commercialized technology to measure "well-being," and established Happiness Planet, Ltd. in April 2020, to support corporate management and workstyle reforms.

^{*1} Research initiative launched from the Central Research Laboratory in April 2019 to pursue open innovation.

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In February 2021, we drafted the “Principles Guiding the Ethical Use of AI” to develop and implement in society human-centric artificial intelligence (AI) for Hitachi’s Social Innovation Business, as well as convening the Environment and R&D Strategy Information Meeting to discuss R&D strategies for carbon neutrality with investors and analysts.

Against a backdrop of a rapidly changing society and environment, Hitachi is contributing to activities to raise people’s quality of life (QoL) through such initiatives.

Value-based Innovation

Structure Activities

Focusing on the three areas of the “Environment,” “Resilience,” and “Security & Safety,” Hitachi is working with global front-line teams to generate value-based innovations.

In the area of the Environment, Hitachi will contribute to the realization of a net-zero society by promoting research and development in decarbonization, renewable energy, electrification, and so on. With regard to Resilience, we will improve resilience in industry and societal infrastructures. For Security & Safety, our goal is to realize a digital healthcare society using Hitachi’s leading-edge measurement technologies and data analytics.

Following the launch of the Lumada Data Science Laboratory (LDSL), Hitachi redefined generating innovation in a “new normal” society as “linking wisdom and ideas across industries, space, and time,” and established the Lumada Innovation Hub Tokyo in April 2021 as Hitachi’s flagship center to achieve this goal. Hitachi will accelerate the pace of innovations using our co-creation methodology, “NEXPERIENCE” to pursue collaborative creation with customers globally based on visions for 2050.

Achievements in Fiscal 2020

In fiscal 2020, to resolve the challenges facing society, Hitachi identified the changes faced by our customers and society, drafted a vision with industry-academia-government, and began sharing this vision with the world.

In Japan, an industry-academia collaboration forum was held by the Hitachi The University of Tokyo Laboratory (H-UTokyo Lab.).*1 “Creating value through energy systems and socio-technical scenarios for a carbon neutral 2050” was discussed and a proposal was published. Based on this proposal, we have begun activities to implement the recommendations for environment-related policies. Further, the Hitachi Kyoto University Laboratory*1 summarized research achievements and discussions related to the drafting of “Societal challenges in 2050: A social value proposal from academia and industry for their resolution” based on exploratory insights of future societies and cultures, and published this as a book entitled, “*Beyond Smart Life*.”

Outside of Japan, as part of our activities to promote regional co-creation, we engaged in joint projects with Thailand’s prestigious Chulalongkorn University to create new services that will help build a future digital city and also China’s Tsinghua University to tackle issues related to climate change, health, and elderly care. In Australia, an agreement was formed to work with the Liverpool City Council (LCC) and the South Western Sydney Local Health District (SWSLHD) in areas such as digital healthcare.

*1 Joint laboratories were established in 2016 with the University of Tokyo and Kyoto University respectively, to create value based on future social issues.

Global Open Innovation Network

Region	Research centers
Europe	UK (London & Cambridge), Denmark (Copenhagen), France (Sophia Antipolis), Germany (Munich)
Americas	United States (Santa Clara & Detroit)
China	Beijing, Shanghai, Guangzhou
Asia (Oceania)	India (Bangalore), Singapore, Thailand (Chonburi), Australia (Sydney)
Japan	Tokyo (Kokubunji-shi & Marunouchi), Ibaraki (Hitachi-shi), Kanagawa (Yokohama-shi), Saitama (Hatoyama-machi)

Contributing to the Expansion of Lumada Business

Structure Activities

Hitachi is continuing to enhance Lumada to realize value-based innovation. Priority is being placed on the development of technology in AI, 5G/beyond 5G, massively big data processing, and cybersecurity/authentication platforms which will be core technologies in a Lumada CPS (cyber-physical system) that will seamlessly and in real time connect the digital with the real world.

AI

At the Lumada Data Science Laboratory, our top data scientists who include researchers, engineers and consultants, are working to resolve the issues faced by our customers. At the same time, we are pursuing activities to strengthen our technological standing, such as through actively participating in renowned international competitions and attaining top-class results in the fields of video and natural language processing.

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2021**5G/beyond 5G**

To accelerate the development of 5G solutions, 5G testbed environments have been set-up at our Silicon Valley site in the United States and Kyōsō-no-Mori in Japan. These demo environments will be leveraged to co-create solutions using 5G real time control for not only the Industry business domain but also Mobility and Energy.

Massively Big Data Processing

We will continue to enhance the functionality of Hitachi's strength, the data base software Hitachi Advanced Data Binder (HADB), to increase its competitive advantage, as well as contribute to accelerating our customers' digital transformation (DX) by enabling the quick extraction of value from various types of big data.

Technology Developments in Cybersecurity/ Authentication Platforms

We are pursuing activities to realize Data Free Flow with Trust (DFFT) which was proposed by the Government of Japan and have also jointly published a white paper on trust and governance with the World Economic Forum (WEF) and the Ministry of Economy, Trade, and Industry of Japan. In the area of authentication platforms, Hitachi is developing an authentication platform to support Society 5.0 such as hands-free authentication technologies using PBI*1 and digital certificate technologies for renewable energy.

In addition, we are also strengthening research and development in areas such as robotics and electrification technologies to further advance technology platforms supporting key products such as high-speed trains, elevators, particle beam therapy equipment, biochemical/ immunological analysis systems, inverters, and air compressors.

*1 PBI: Public Biometrics Infrastructure

Through such activities, we will establish world-leading technologies leveraging Hitachi's expertise in OT×IT×Products, and deliver high value to our customers.

Achievements in Fiscal 2020

In the area of the environment, Hitachi was awarded the Excellence Award for the development and global standardization of a phthalates detection system for RoHS2, in the 47th Environmental Awards co-sponsored by Japan's National Institute for Environmental Studies (NIES) and Nikkan Kogyo Shimbun. Hitachi was also awarded the 52nd "Ichimura Prize in Industry against Global Warming" for the development of energy-saving industrial motors using amorphous magnetic alloy foil. In addition, Hitachi's integrated bio authentication platform service that enables hands-free authentication and cashless settlements received the Masuda Award in the 63rd Best 10 New Products Awards (2020) sponsored by Nikkan Kogyo Shimbun. We are actively pursuing initiatives to contribute to the development of society such as the development and provision of services enabling safe and secure personal authentication and financial settlements.

Strategic Positioning to Resolve Future Societal Issues**Activities**

Looking ahead to society of 2050, Hitachi is laying the groundwork to resolve future societal challenges by investing in the development of quantum computers, regenerative medicine, and hydrogen systems.

In addition to the research pursued at the Hitachi

Cambridge Laboratory - a key research sites for quantum computer research; in Japan, a proposal for a large-scale silicon computer led by distinguished researcher Hiroyuki Mizuno in Japan was selected as a Moonshot Research and Development Program project promoted by the Japan Science and Technology Agency (JST) and the Japanese government. The project focuses on research and development of large-scale silicon quantum computing technologies powered by silicon semiconductor technologies.

In the field of regenerative medicine, Hitachi's automated cell culturing equipment was employed by Sumitomo Dainippon Pharma Co., Ltd. to cultivate iPS cells for the world's first clinical trial for the treatment of Parkinson's disease, led by physicians at Kyoto University. This is the first time that a commercial cell culturing equipment developed through industry-academia collaboration has been used in a clinical trial, and represents a significant step toward making regenerative medicine available to a wider population.

In the area of hydrogen systems, we worked with Denyo Kosan Co., Ltd. and the National Institute of Advanced Industrial Science and Technology (AIST) after receiving the tender for the "Support Project for Promoting the Introduction of Renewable Energy in Fukushima Prefecture," and realized improved efficiency of hydrogendiesel power generation systems.

For other combinations of a wide range of fuels, Hitachi is pursuing greater efficiency using AI control technology to flexibly respond to changes in composition. For blue hydrogen production systems, we will realize a 30% reduction in water usage compared to conventional systems by employing Hitachi's unique shift catalysts which are structurally controlled at the atomic level. Trial operations are currently underway since August 2020, at the New Energy and Industrial Technology Development Organization (NEDO)'s Osaka CoolGen PJ Stage 2. Hitachi will continue its work to realize a sustainable hydrogen value chain through such efforts.

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Developing Technology to Prevent the Spread of COVID-19

Hitachi's considers the safety and health of all its stakeholders, including customers, partners, and Hitachi Group employees and their families worldwide as its first priority, and is committed to preventing the spread of the novel coronavirus (COVID-19).

In October 2020, Hitachi used its original computational technology, CMOS annealing, to provide a work shift optimization solution that can draw up work shifts for ten to several hundred employees. CMOS annealing, which is the core technology involved in this solution, is able to quickly solve highly complex largescale computational problems called combinational optimization problems. In the "new normal" it is expected that society will shift toward a more flexible workstyle that takes advantage of both telecommuting and in-person attendance. Accordingly, this solution is being made available to a wide range of businesses as a Lumada solution that accelerates digital innovation and supports corporate measures for work-life balance and diverse workstyles.

Further, in November 2020, Hitachi developed the IoT platform "BuilMirai" that provides the high added Developing Technology to Prevent the Spread of

COVID-19 value of increased management efficiency and greater user comfort that is needed for building management in the "new normal." The platform helps to realize a comfortable environment in buildings by alleviating congestion and adjusting temperature settings in accordance with the level of crowding; connecting a facility's equipment control systems, such as elevators and air-conditioning systems, with the people flow data in each area of the building. Also in November 2020, Hitachi conducted a technological demonstration during a professional baseball game at the Tokyo Dome where images of visitors captured by cameras were replaced by silhouette icons using a "human flow visualization solution" to ascertain crowding within the stadium while respecting visitor privacy. As a technology that can support measures such as positioning visitor guides to alleviate crowding, it will be applied to prevent the spread of infections in commercial facilities and event venues as well sporting events.

R&D Investment and Fostering Digital Talent

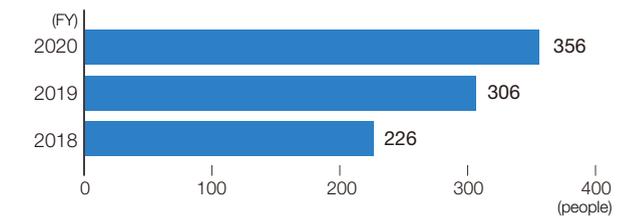
Activities

Investing approximately 4% of revenue in research and development, Hitachi is committed to strengthening business in the five core sectors of our Social Innovation Business, as well as medium- to long-term initiatives for future growth. Corporate-led research and development is focused on co-creation with customers, investing in the development of world-leading technologies and disruptive technologies. We are also enhancing and expanding common digital platforms and research capabilities outside of Japan to achieve an n-fold increase in the Lumada business, our growth engine and to promote global deployment.

Further, Hitachi is strengthening its workforce of digital experts, including in the AI area, to respond to society's needs based on the recent advances in digitalization. At the Lumada Data Science Laboratory, we are training and increasing the capabilities of our engineers and consultants in the fields of AI and data analytics through practical business experience. The Research & Development Group is particularly focused on training top-class talent in the field of AI.*1 At the end of fiscal 2020, there were 356 such talent, and we will continue the focus on talent training in fiscal 2021.

*1 Top-class researchers who use AI/analytics, and data scientists who received internal certification.

Top-Class Digital Talent in the AI Field



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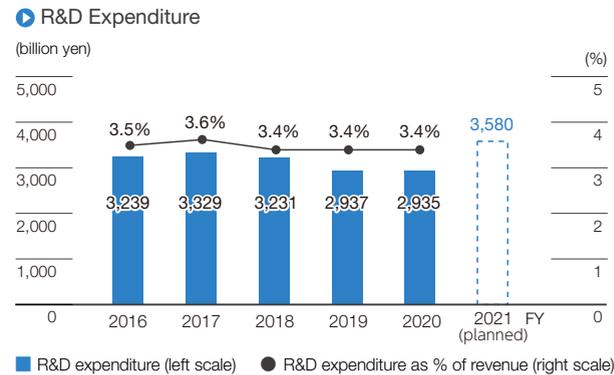
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Principles Guiding the Ethical Use of AI

Policy

Even as the significance of AI as a source of innovation continues to grow, there are still concerns that its use may negatively impact the lives of people and society as a whole through actions unintended by the developers or malicious intervention by a third party as well as the AI itself unexpectedly contributing to discrimination and increased poverty.

To develop human-centric AI and implement it into our Social Innovation Business, Hitachi drafted and published its guiding principles for the ethical use of AI.

The principles comprise of three standards of conduct in planning, societal implementation, and maintenance stages, together with seven items to be observed in all stages, such as safety, privacy, fairness, equality, and the prevention of discrimination.

By reducing ethical risks hidden in the development of AI, Hitachi hopes to contribute to realizing a higher quality of life (QoL) and a sustainable society through the development and societal implementation of safe and secure, human-centric AI.

Principles guiding the ethical use of AI: Standards of conduct (Excerpt)

1. Development and use of AI will be planned for the realization of a sustainable society
2. AI will be societally implemented in society with a human-centric perspective
3. AI will be maintained and managed to provide long-term value

Principles guiding the ethical use of AI: Items to be addressed (Excerpt)

- | | |
|---|--|
| 1. Safety | 5. Transparency, explainability and accountability |
| 2. Privacy | 6. Security |
| 3. Fairness, equality, and prevention of discrimination | 7. Compliance |
| 4. Proper and responsible development and use | |

By publishing a white paper on our activities to establish AI ethics, we hope to stimulate discussions in society as a whole. We will continuously review coverage to improve AI ethics and operations by assimilating the diverse perspectives of stakeholders.

[Principles guiding the ethical use of AI in Social Innovation Business](#)

[Hitachi's Activities for the Ethical Use of AI in Its Social Innovation Business](#)

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Intellectual Property

Hitachi's 2021 Intellectual Property Mid-term Management Plan

Policy

Intellectual property (IP) is a key element of Hitachi's business strategy. Hitachi will promote IP activities to create solutions that enhance social, environmental, and economic value for customers in line with the 2021 Mid-term Management Plan, globally deploy the created IP, and contribute to resolving social issues related to the SDGs and Society 5.0 through IP activities.

IP activities support Hitachi's solution creation from the perspective of intellectual property through the development of issue discovery and ideation methods making use of IP information (Patent-thons), along with the implementation of internal incentive measures, and so on. In particular, looking forward, we will bolster our support of solution creation that is intended to contribute to the enhancement of environmental value for our customers.

Regarding global deployment of the IP we have created, we will contribute to the globalization of Hitachi's business by strengthening international patent applications (PCT applications) that cover inventions that were developed through open innovation with our customers and partners in addition to inventions from our own R&D activities. We will work to promote further globalization in particular, working in cooperation with new members of the Hitachi Group, including Hitachi ABB Power Grids and Hitachi Astemo, etc.

Regarding helping to solve social issues, in fiscal 2019 Hitachi introduced the "IP for society" concept, in which it promotes the use of IP in certain highly public domains to maintain and evolve social norms. We will work in cooperation with external organizations (national and local governments,

universities, organizations in the United Nations, international standards organizations, etc.) through the use of IP to make contributions to businesses aimed at achieving SDGs.

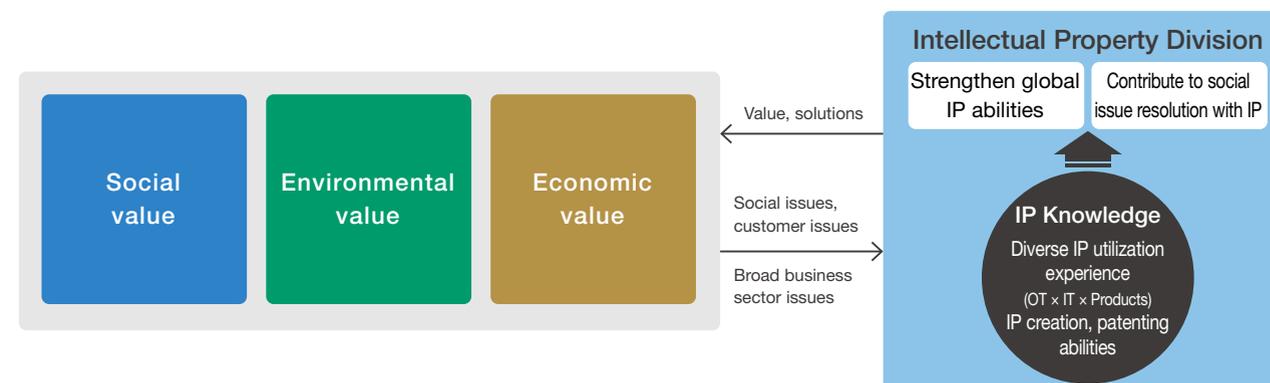
Achievements in and after Fiscal 2020

Regarding solution creation, now that the patent-thons are mostly established, we are beginning to make contributions to the creation of high-quality solutions meant to resolve serious issues. Additionally, awareness of IP solutions, such as protection, utilization, and appropriate handling, is seeing improvement due to efforts we are making, including education within our organization.

Regarding global deployment of the IP we have created, we are working to strengthen PCT applications suited to the business plans of each sector as we engage in consultations with our various business divisions. In particular, the IP departments of both Hitachi, Ltd. and Hitachi ABB Power Grids are engaged in discussions regarding global IP activities.

With regard to contributions to resolve social issues, Hitachi has announced to open its IP concerning the Mother & Child Health Survey in cooperation with Hokkaido University, the City of Iwamizawa, and Morinaga Milk Industry Co., Ltd. Looking forward, we will continue to consider ways we may be able to contribute to the resolution of social issues utilizing our IP.

To Become a Global Leader in Delivering Enhanced Value Using Intellectual Property



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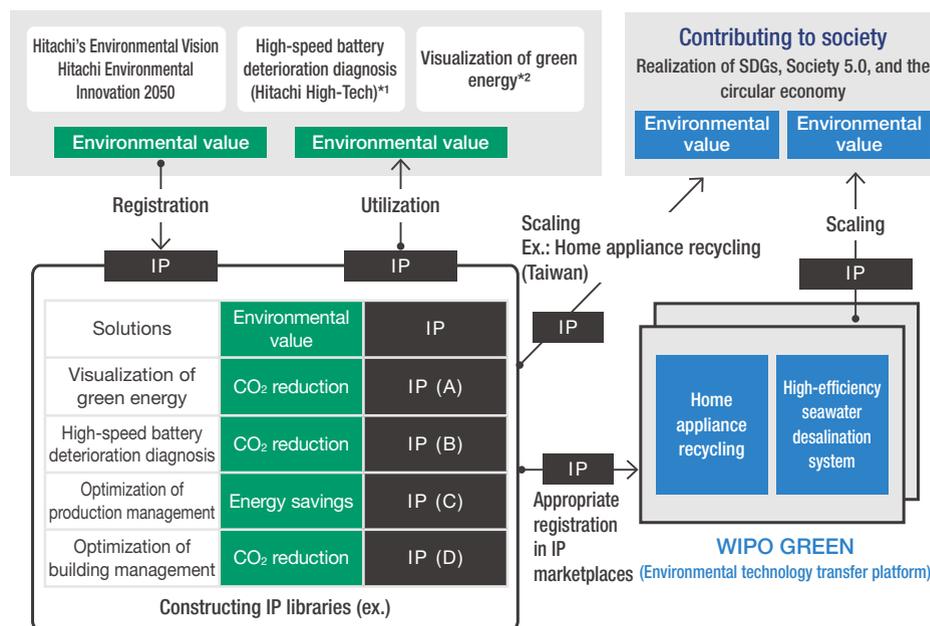
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Environment

In fiscal 2021, we newly established an Environmental IP Enhancement Center within the Intellectual Property Division. With it, we have begun considering policies (solution creation contributing to environmental value realization, construction of IP libraries, etc.) aimed at improving environmental value from the perspective of intellectual property. With regard to the IP libraries in particular, our hope is to link the IP we possess internally with the environmental value the utilization of such IP may bring about to realize visualization of them and promote their use both within the company and externally.

In addition, Hitachi has registered the technology for the desalination of seawater to resolve water-related issues as well as the technology for a type of ink that detects changes in temperature and then changes color to help tackle food waste issues, with WIPO GREEN a platform for environmental technology operated by the World Intellectual Property Organization (WIPO).

Achieving Visualization and Scaling Beyond the Company with IP Libraries that Link IP with Environmental Value



*1 PCT application JP2020/028961
*2 Patent application 2019-073173

Hitachi's IP Strategy

Policy

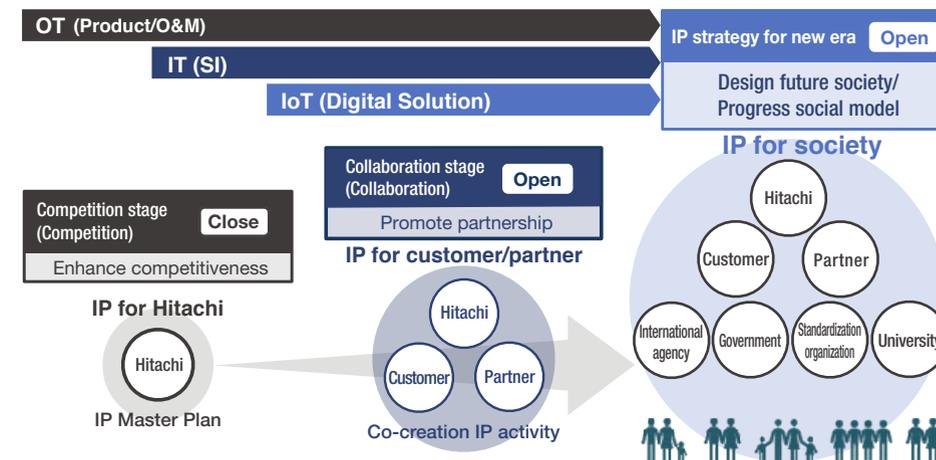
Under the Social Innovation Business, Hitachi has formulated and implemented an IP strategy that consists of three pillars: competitiveness, collaboration, and society.

The IP strategy for competitiveness is centered on acquiring and utilizing patents and other IP rights. "IP Master Plans" customized for the nature of each business are formulated and implemented to enforce competitiveness.

The IP strategy for collaboration is a strategy based on collaboration. As opportunities for collaborative creation with our customers and partners increase through the use of our IoT platform, Lumada, we have expanded the scope of our IP activities to include not only copyrights, patents, and trade secrets but also information assets such as data and information, and are using IP to promote partnerships and build ecosystems.

Our activities rooted in Hitachi's "IP for society" concept work to promote the use of our IP in certain highly public domains to maintain and evolve social norms in order to make contributions to resolving social issues. Through such activities, we will promote the construction of ecosystems and build relationships with like-minded companions to contribute to the improvement of social value.

[Hitachi Group Codes of Conduct: 6. Protection of Intellectual Property and Brand](#)



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Framework for IP Activities

Structure

We currently have IP offices in the United States (Santa Clara and Detroit), China (Beijing), United Kingdom (London), Thailand (Bangkok), and Singapore to cover our globalized business. Furthermore, with the involvement of Hitachi ABB Power Grids, we are accelerating the pace of globalization with our IP activities, adding operation sites in Switzerland and India.

Achievements in Fiscal 2020

The spread of COVID-19 has limited in-person communication. While a variety of issues remain to be solved, Hitachi has been able to maintain a certain level of IP activity because the majority of our internal IP activities have been digitized, along with our proactive use of internally-created online tools. While our global locations in particular experienced challenging circumstances, with lockdowns, travel restrictions, and so on, Hitachi has continued almost the same IP activities as before the pandemic through the adoption of working from home and so on.

Reward System for Employee Inventions

We motivate employees in the R&D field with an ample reward system for new inventions. To make this reward system as fair and transparent as possible, we set standards to evaluate inventions and disclose these standards to employees. We also have a mechanism for receiving inquiries about the rewards, as well as opinions on the reward system.

We have established a special department within the Intellectual Property Division to plan and operate this system, while an internal Invention Management Committee made up of R&D, legal affairs, personnel management, and IP experts ensures that the system operates effectively across the whole Group.

Internal Rewards for Inventors

Invention Information System	System allowing inventors to check the evaluation standards used to calculate rewards for inventions
Arbitration Committee for Invention Rewards	Committee to which inventors can appeal if they disagree with the amount they have been awarded
Business Contribution Awards Annual Top 100	President's awards to the top 100 inventors based on patent rewards received
Patent Contribution Awards Top 50	Ranking of the top 50 young inventors (under 35 years of age) based on patent rewards received within five years of their joining Hitachi

Awards for IP

Activities

We are proud of Hitachi's inclusion in Clarivate Plc's Derwent Top 100 Global Innovators list for the past 10 years consecutively.

	Organizer	Award	Object of Award
FY 2017		Imperial Invention Prize (top prize) at the National Commendation for Invention	Inventions concerning particle beam therapy systems
FY 2018	Japan Institute of Invention and Innovation	The Japan Patent Attorneys Association Chairman Award at the National Commendation for Invention	Inventions concerning x-ray fluoroscopy systems
FY 2019		Imperial Invention Prize (top prize) at the National Commendation for Invention	Designs concerning UK high-speed rail vehicles
FY 2020	Japan Patent Office, Ministry of Economy, Trade, and Industry	Award from Minister of Economy, Trade, and Industry at the Intellectual Property Achievement Awards	Excellent company that utilizes the intellectual property rights system
	Clarivate Plc	Selected for inclusion in Derwent Top 100 Global Innovators (2021) list (for 10th consecutive year)	The most innovative companies and institutions in the world

Protecting Our Designs and Brand

Protecting Hitachi's designs and brand is crucial for promoting our Social Innovation Business and supporting our global operations. We take resolute measures against such infringements as making and selling counterfeit goods, copying our designs or carrying the Hitachi brand, and illegally applying for or registering trademarks of such goods.

In recent years, we are taking action to identify counterfeiting networks, whose manufacturing methods and sales channels have become more sophisticated and diverse. We are also working with e-commerce site operators on countermeasures against online counterfeit sales.

In 2019, the government of Japan appended the strengthening of countermeasures against counterfeit goods to its action plan regarding SDGs. With the building and improvement of intergovernmental cooperation and relationships, Hitachi is also taking part in joint public-private initiatives, including cooperation with the International Intellectual Property Protection Forum (IIPPF).