



Tsubaki Nakashima is an

Organization with a challenging spirit, committed to the respect of environment and upholding sustainability **standards**; this respect and commitment are central to the success of our 20 Plants in 12 Countries, in all the Communities in which we operate.

We are a **manufacturer of precision** balls, rollers, ball screws, and blowers with local production and local procurement, short delivery times and detailed support, through a well-organized production and sales **network**, responding to the needs of our Customers, and realizing further profitable growth, continuously increase Corporate value.

As the social, industrial, technological and lifestyle changes are progressing globally, **the foundations** of realizing Corporate Value are:

A better **Corporate** Citizenship The highest **QCDS** (Quality, **Cost, Delivery** time and Service)

Teamwork in the spirit of "One Team"

A truly Global Company

Further Profitable Growth

Tsubaki Nakashima appreciates and encourages the contribution of every Team Member in every location.

It is the variety of talent, ideas, opinions, and experiences – Tsubaki-Nakashima know-how – that gives a broader understanding of the marketplace and the world around; it is how our Company builds high-performance Teams and deliver innovative solutions for Customers.

•••• PRECISION anging

As Tsubaki Nakashima.

we recognize **our responsibility** to address

the environmental and social impacts of our business.

Our Global Sustainability System – a multisite integrated system based on ISO 14001, ISO 45001, and ISO 50001 - has been implemented

in many of our factories in the world and it will be fully applied in 2021.

A responsible use of **resources and energies**, as well as tracking and reducing Green House Gas (GHG) emissions, will allow us to lessen our climate change impact and provide important opportunities to help drive momentum for global climate action.

The urgency of climate change is recognized in the UN Sustainable Development Goals (SDGs) – SDG 13 calls for urgent action to combat climate change and its impacts.

Tsubaki Nakashima **Supports the SDGs** and recognizes the need for engaging others to collectively play our part in addressing climate change, as no single company can make meaningful progress alone. At Tsubaki Nakashima, we are taking initiatives to eliminate accidents and occupational

diseases, minimizing risks, reducing the production of waste and to tackle climate change, driving momentum for global climate action. For our direct operations, this approach involves increasing energy efficiency and expanding clean energy by investing in renewables. Tsubaki Nakashima will **continue to** innovative and sustainable pursue **solutions** for our Products, reducing energy use in our direct operations, improving the work environment, and using the available resources in a responsible way.

 Director and Representative Executive Officer, CEO Koji Hirota



RESPECT SAFE for people at WO

QUALITY of **Services**

ATTENTION_{to} customers

ATTENTION to environment

TRANSPARENCY in relationships

bunse day, lity, The report addresses items of significant importance to Tsubaki-Nakashima's business strategy and the narrative describes our efforts to contribute to the United Nation's Sustainable Development Goals (SDGs).

Making innovation, even before operating on processes and structures, means working on trust, on culture, on the motivation of employees and collaborators. It means **improving and never stopping**, to become an excellence in our specific businesses to satisfy our Customers and becoming a source of inspiration for our Competitors. Publishing the Sustainability Report on a regular basis has allowed us and allows us to become aware of **who we are and what we want to represent** for our Stakeholders.

its Employees, Customers and Suppliers, as well as our Shareholders, with the aim of improving our way to do business. And this arises as a spontaneous consequence of the subjective values and the personal ethical sense of each of us. An **individual responsibility** even before a Corporate one, which has led us here, today, to innovate and evolve, because there is an important link between innovation and sustainability, which identifies the ethical depth of a company and its ability to generate shared value in the long run.

The reporting framework prescribed in the Global Reporting Initiative (GRI) Standards. The person responsible for the content and form of this document is the CSO, Hisashi Tate, and the CHRO, Franco Dutto. For any information, it is possible to contact them.

AND never STOPPING

Founded in 1934 by Kosaburo Chikamori, Toyo Steel Ball Seisakusho started manufacturing steel balls for bicycles. In 1954 the Company changed name to Tsubakimoto Steel Ball Manufacturing Co., Ltd. and in 1958 began mass production of nylon, stainless, brass, and other special balls such as tungsten carbide balls.

In 1959 Tsubakimoto started manufacturing and sale of ball screws and in 1961 the Company was listed on the second section of both the **Tokyo and Osaka Stock Exchanges**. In 1973 it started manufacturing and sale of ceramic balls.

More recently, in 1996 the Company has been merged with Nakashima Seisakusho Co., Ltd., and finally Tsubaki Nakashima Co., Ltd. was established, starting a long process of acquisitions (USA, India, China, Poland, Taiwan, UK, Thailand until the most recent in 2017 with the acquisition of Precision Bearing Components, Group of NN Inc.).





Countries with offices

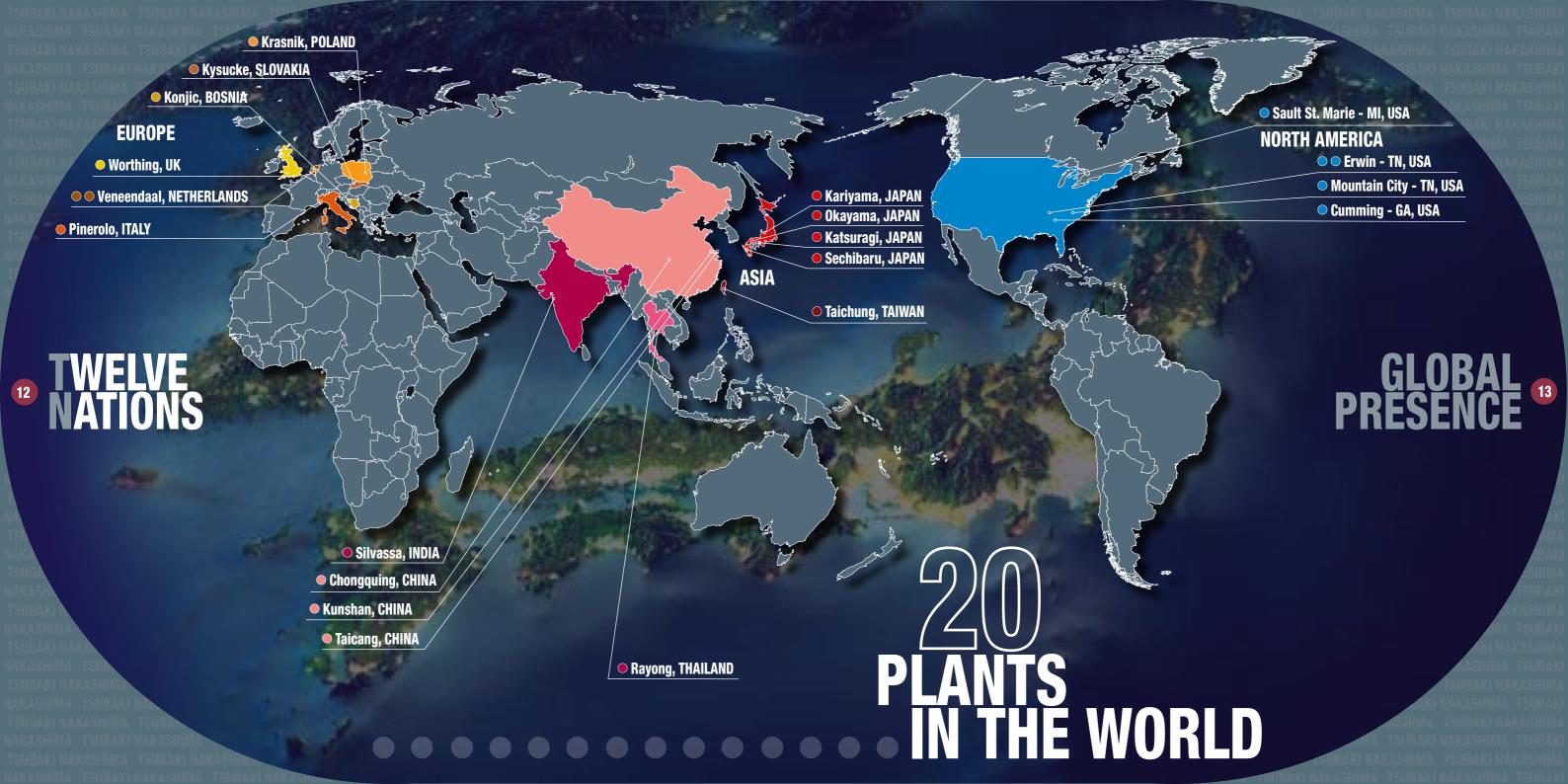
TOWARDS O SEL O SE

Tsubaki Nakashima is a **global Company** producing a broad range of **high-quality precision balls, rollers, ball screws and other precision parts.**

We boast a high global market share in the field of precision balls, and one of our advantages is that we have a wide product lineup of over 20,000 types of high quality, including various materials and sizes. **Precision balls** are mainly used for ball bearings and contribute to the quality and reliability of final products such as automobiles and machine tools. **Precision rollers** are used in certain non-bearing applications such as hydraulic pumps and motors, in addition to applications similar to precision balls. In recent years, in addition to conventional steel balls, we have strategically expanded the scale of manufacturing **ceramic balls**, which are expected to grow significantly; ceramic is lightweight yet has high strength, and has excellent insulation, wear resistance, heat resistance, and corrosion resistance, for EVs (electric vehicles), wind power generators, medical equipment such as MRI and CT, and communication like 5G infrastructures and technologies. **Ball screws** are mainly used in machine tools as parts that affect accuracy. We also handle medium- and large-sized blowers according to the application of each facility such as steelworks, thermal power plants, and nuclear power plants.

Tsubaki Nakashima is a known brand in the **Medical Devices** Business, where we produce solid plastic balls, that are a light-weight alternative to metal balls - less than 1/6th the weight of metal and the weight of aluminum, advances in plastic material formulations and thermoplastic products can even outperform metal in certain applications — and high-quality injection molding of plastic tubes, petri dishes and other plastic disposables. We strive to constantly increase the quality of our products and **achieve virtually zero defects**. In refining our manufacturing processes, we have developed in-house both **proprietary grinding machines** to achieve sphericity and **our own inspection machines** to ensure consistent quality for our customers.







PROFITABLE GROWTH AIMING TO BE A SHINING EXAMPLE OF A COMPANY

WHICH CONTINUOUSLY SEEKS IMPROVEMENT

OBJUSTION

VISION and MANAGEMENT PRINCIPLES

²⁰ MISSION

STAKEHOLDER TRUST AS WE GROW AND PROSPER WITH COMMUNITIES

AND TO HELP CREATE A BETTER WORLD

VISION and MANAGEMENT PRINCIPLES

Our mission is to build stakeholder trust as we grow and prosper with communities and to help create a better world. We consider any action designed to realize Tsubaki Nakashima's Vision and Management Principles to be a Corporate Social Responsibility (CSR) activity. In addition to ensuring compliance, observing corporate ethics, and fulfilling our responsibilities at a level that exceeds what society requires, we will fully demonstrate our unique creativity in CSR by creating value through the products we develop and manufacture.

With our creativity and an unwavering spirit to take on challenges, we will provide our customers with the highest QCDS (quality, cost, delivery, and service), drawing ideas from our customers and the market.

We will <u>create a teamwork-oriented corporate culture</u>, maximizing the strengths of our employees while valuing their satisfaction at work and in their lives.

We aim to become a truly global company with an international mindset.

We aim to be a company that continues to achieve profitable growth.

Tsubaki Nakashima Group supplies a diverse range of products to customers worldwide to **create new values** through manufacturing and contributing to society at large, in a sustainable way.

22

MANAGEMENT PRINCIPLES



Compliance

Contribution to the global environment

Continuous strenghtening of the company

FURTHER PROFITABLE GROWTH

THE HIGHEST QCDS

Market oriented actions for customers' benefit

Continuous innovation and kaizan (continuous improvement)

A TRULY GLOBAL COMPANY

Global reach / Local

Adaptation to global standard

TEAMWORK

Communication with and respect for each other

Mutual trust with business partners

VISION

INCHES

PRINCIPLES

23



and in addition to that, it has set the sales of ceramic balls of our group as Sustainability Performance Targets, with the aim to continue to contribute to the global environment by continuously evolving world-class products and manufacturing technologies. The Company is committed to increasing its contribution to the environment by developing ceramic balls that improve energy and environmental performance. Tsubaki Nakashima's ceramic balls are lightweight, strong, long-lasting, highly insulating, wear-resistant, heat-resistant, and corrosion-resistant, contributing to energy conservation in various products, and are expected to grow in the wind power generation, EV, and medical applications.

United Nations
Global Compact

At Tsubaki Nakashima, we have closely aligned our Management Statements, Codes, Policies and Systems with internationally recognized standards to help ensure that we serve the role that society expects of us. Tsubaki Nakashima also understands and respects the laws and regulations in the countries and regions in which it operates.



CORPORATE SOCIAL RESPONSIBILITY NTERNATIONAL



International Labour Organization





VISION ZEROOO

Safety. Health. Wellbeing.

VISION and MANAGEMENT PRINCIPLES

Professional ethics and corporate social responsibility are the cornerstones on which the company's business is based. Honesty, seriousness, fairness, respect, ethics, and safety in work and in interpersonal relationships are and always will be fundamental pillars of Tsubaki Nakashima's work. The win-win partnership between customer and supplier as well as the enhancement and continuous training of its human resources are two main directions of the Company's work and choices. Tsubaki Nakashima makes its wealth of international skills and know-how available to customers and the local area, pursuing excellence in the provision of products and services, with the aim creating shared value and developing long-lasting collaboration networks. In addition to ensuring compliance, observing corporate ethics, and fulfilling our responsibilities at a level that exceeds what society requires, we will fully demonstrate our unique creativity in Corporate Social Responsibility by creating value through the products we develop and manufacture.





ACCOUNTING ACCURACY

CONFIDENTIALITY

STAKEHOLDERS

DATA PROTECTION

GLOBAL SUSTAINABILITY SYSTEM)

LABOUR STANDARDS

SOCIAL POLICIES

ORGANIZATIONAL MODEL AND SUPERVISORY BODIES

RELATIONS WITH THE AUTHORITIES AND COMMUNITIES

REPORTING

TRANSPARENCY

Tsubaki Nakashima has

adopted a Manual of Compliance, Code of Business Ethics and related Policies addressed to all those who have employment, collaboration, consultancy, or other relationships with the Company. The Manual of Compliance, Code of Business Ethics and related policies dictates the rules of correctness and transparency that distinguish the company's work and is based on a series of principles with values, which are then declined within the code.

In order to conduct business and grow on a global scale, the Group is working to strengthen its highly transparent and objective Corporate Governance System. In addition, we have established a Group Management System with a sense of unity by realizing a group company management function with efficiency and expertise.

Ou

Corporate Governance System

consists of the Board of Directors, Nomination Committee,
Compensation Committee, and Audit Committee as supervisory bodies, and MC
(Management Committee) and RMC (Risk Management Committee) as business execution bodies. We have adopted the organizational design of a company with a nominating committee, etc., because we believe that the separation of supervision and execution is a means of enhancing corporate value by strengthening the supervisory function and ensuring prompt management.

The **Board of Directors**, consisting of 7 Directors (including four outside Directors), makes decisions on basic management policies and supervises the execution of business by the Executive Officers. Each of the outside Directors has his or her own area of expertise and based on their extensive experience and wide range of knowledge, they provide advice and exchange opinions on management, thereby fulfilling the supervisory function.

The **Nomination Committee** consists of two outside Directors (including the Chairman) and one inside Director, and most of the committee members are outside Directors to ensure the appropriateness of nominations. The Nomination Committee decides the details of proposals for the election and dismissal of Directors.

The **Compensation Committee** consists of two outside Directors (including the Chairman) and one inside Director and has a system to ensure the appropriateness of remuneration; it determines the basic policy on remuneration, etc. for Directors and Executive Officers and the amount of remuneration for everyone.

The **Audit Committee** consists of three outside Directors. The Audit Committee is composed of three outside Directors, each of whom has a different area of expertise, and is appointed based on the belief that audits from various perspectives are possible. The Audit Committee audits and supervises the execution of business by the Directors and Executive Officers and decides on the content of proposals for the appointment and dismissal of the accounting Auditor to be submitted to the General Meeting of Shareholders. In addition, we have established a system in which a full-time assistant to the Audit Committee assists the Audit Committee.

Corporate Governance

Compliance Promotion System

Under the supervision of the President and Representative Executive Officer, who is in charge of overall management, compliance is promoted mainly by the Executive Officer in charge of HR, Compliance & Sustainability (CHRO)

In addition, an **Internal Audit Office** has been established directly under the President and Representative Director to conduct internal audits and confirm the status of compliance. In addition, an assistant to the Audit Committee has been established under the direct supervision of the Audit Committee to audit the compliance status of directors and other officers.

The Internal Audit Office, the Audit Committee assistant, and the accounting auditor share information as necessary to strengthen cooperation.

The Group experienced a problem with non-conforming products in 2018. To prevent the recurrence of this problem, we held a **Recurrence Prevention Committee** under the direct control of the President and Representative Executive Officer and implemented monitoring of related departments. Currently, the Recurrence Prevention Committee is continuing to meet.

TRAINING NEVER STOPS

We conduct **compliance training for all employees** to prevent the occurrence of non-conforming product issues and other compliance problems that could damage the trust of stakeholders.

In fiscal 2019, we explained the background of the problem and preventive measures to prevent recurrence of the nonconforming product problem, and in fiscal 2020, we trained all our employees on the **new Code of Business Ethics and related Policies**.



CORPORATE GOVERNANCE

SPECIFIC POLICIES



The Company knows and avoids the kinds of situations that can present

CONFLICTS
of Interest

Engaging Third Parties Working with Suppliers Personal Relationships and Family Members

WeatTsubakiNakashimaareactingtoprotectthepersonaldata of our Customers, Business Partners, and Employees to reward their trust and **fulfill our social responsibility**. The Data Protection Policy states the rules applicable in all the Countries where we operate, and Individual Group companies are not entitled to adopt regulations that deviate from it. Every Unit must identify **all applicable International** (Regional, National Regulations, CodesandLaws, e.g. GDPRinEurope, ActonProtection of Personal Information (APPI) in Japan, Data Protection Laws in USA, etc.), with which it must comply. The Data Protection Policy extends to all processing of personal data. In countries where the data of legal entities is protected to the same extent as personal data, the Data Protection Policy applies equally to data of legal entities.

PERSONAL DATA

Protection

Our **Tracking Regulations' Policy** supports Tsubaki Nakashima practice to participate in relevant international and community activities and in the development of responsible legislation, regulations, standards and technology. And, at the same time, it demands to every organization to apply the Corporate process to ensure that the information regarding Laws and Regulations is accurate and received in a timely manner, and for understanding the applicability of International, Regional, National,

in the specific organizational environment, as well as authorizations, permits, licenses

needed to operate the Organization in compliance with Laws and Regulations, keeping track of them.

PROTECT Well being

This policy sets **additional expected standard of behavior** for team members and all stakeholders while at work, helping all the employees to comply with applicable laws and regulations, guiding the decision-making process, reinforcing the commitment to impeccable character. It includes requirements driven by law, and requirements driven by Tsubaki Nakashima Code of Business Ethics, philosophy, and culture and by Tsubaki Nakashima management statements. As part of the Tsubaki Nakashima team, **each employee takes care of himself/herself and each other**. Tsubaki Nakashima promotes safety, health, and social responsibilities because people matter—not just to the Company, but to fellow team members, friends, families, and communities.

••••••



34

3



or interferes with a Child's education.

Tsubaki Nakashima supports the United Nations and ILO conventions specifying

Tsubaki Nakashima values the power of **Collective know-how.** The Company grows the business and improves the work environment by building positive and enduring relationships. In specific, the policy determines the general rules in terms of **Diversity, Inclusion and Opportunity, and Harassment-free Workplace**.



LABOUR Standards POSITIVE relationships

Tsubaki Nakashima (TN) is an organization committed to the respect of human rights and upholding labour standards. This respect and commitment are central to the success of TN entities in all the communities in which it operates. Labour Standards Policy is aligned with the principles established within the Universal Declaration of Human Rights and in combination with TN Managerial Statement and Code of Business Ethics, reinforces the commitment to ensuring all internal and external stakeholders are treated with dignity and respect. As part of due diligence when entering acquisitions, new operations and other contractual arrangements, Tsubaki Nakashima seeks to abide by the requirements set out in this document to ensure any labour standards and human rights issues are identified and assessed. The purpose of this Policy is to set out the responsibilities of Tsubaki Nakashima, its Employees and Associates in observing and upholding our principles with respect to labour standards and human rights.

CHILD abour

Tsubaki Nakashima does not accept child labour All actions concerning the child shall take full account of his or her best interests

The right of the child to be protected from economic exploitation, from performing any work that is likely to be hazardous or interferes with the child's education, or is harmful to a child's health or physical, mental, spiritual, moral or social development.



SPECIFIC POLICIES

Sexual **Orientation** **Criminal** record

INCLUSION and CIVErsity



Parental Status

Political

beliefs

or activity

Marital Status

Family Responsibilities

Age

Impairment

Disability

Ethnicity



Freedom 0f association









Victimization

Religious

beliefs

or activity

Conflict of interest Tsubaki Nakashima is committed to **supporting the values** of diversity and inclusion through the adoption of corporate, organizational and management processes based on respect for people's rights and freedom. To this end, the path taken aims to develop the ways in which diversity issues are addressed, moving from an approach designed to safeguard and integrate diversity, to a proactive strategy to overcome cultural stereotypes and to identify and address those factors that prevent inclusion in the workplace. The company operates impartially and does not tolerate any form of direct or indirect discrimination. It also promotes conditions that enable the elimination of cultural, organizational and material barriers that limit people's full participation and full potential within the organization. TN safeguards the value of its staff and promotes the protection of their psychophysical, moral and cultural integrity through working conditions that respect individual dignity and rules of conduct.



SPECIFIC

Tsubaki Nakashima supports a person's right to come together with others to **promote, pursue, and defend common interests**. Our company strives to provide employees with a pay and benefits package in line with market practices and adapted to their skillset and performance. **Wages and benefits** are equal or superior to the applicable minimum legal and regulatory requirements and shall comply with negotiated agreements with legally established trade unions.

FREEDOM Bassociation

WORKING COMOTIONS

BARGAINING

The Tsubaki Group's regional Presidents and Global functional Managers in charge of manufacturing, quality, sales, technology, finance, and human resources are responsible for analyzing and assessing the individual risks inherent in our business activities. When a significant risk is identified, the **Risk Management Committee** (RMC) is convened to review the risk analysis and assessment conducted in each region and report the results to the Management Committee (MC), the executive body. In addition to discussing and deciding how to respond to such risks, the MC will promptly report to the Board of Directors and take countermeasures in the event that a serious loss is expected to occur.

management

SPECIFIC POLICIES

One of the objectives of Tsubaki Nakashima's activity is to **make the environments cleaner, more efficient and above all safe** and we can configure this in the prevention and adoption of environmentally friendly techniques and sustainable approaches.

Under the direction of the CEO and Management Committee, the Tsubaki Nakashima's CSO - Director in charge of Corporate Planning, Business Strategy, and M&A - is responsible for promoting ESG, with the support of the Investor Relation Department.

CHRO – Director of Human Resources, Compliance and Sustainability – created the **One Team** management System and the Global Sustainability System in order to guide the direction of global activities, in the right way. Our Global Operations' Director manages specific Sustainability projects (e.g. Waste reduction, Energy). The established direction is incorporated into specific activities at the



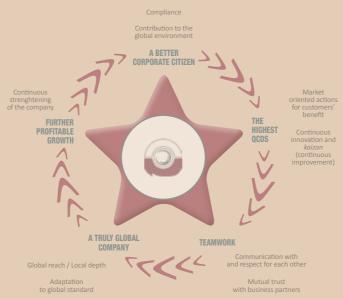
The Company Management has decided to draft the document integrating the GRI Standard with the principles of Integrated reporting in order to provide the widest information to its Stakeholders and with the aim of highlighting the creation of value over time. The integrated report is a new approach to corporate reporting that aims to emphasize the link between strategy, financial performance and the social context in which the company operates. The objective of the Framework is to define the guiding principles and contents that are part of an integrated report and the main purpose is to

TSUBAKI NAKASHIMA CONTEXT ANALYSIS

demonstrate to financial capital providers, through an improvement in the quality of information, how an organization is able to create value over time. The company has made an objective analysis of the

SUSTAINABILITY (ESG)

context, concretizing it in a SWOT analysis, a strategic planning toolused to evaluate the strengths (Strengths) theweaknesses (Weaknesses), the opportunities (Opportunities) and the threats (Threats) that characterize a company to facilitate decision-making processes and achieve business objectives, concerning Sustainability (Environment, Social, Governance).



SWOT Analysis started from the alignment between Managerial Statements, Strategy and Sustainability (ESG) Targets, with the **ZERO Approach**.

Safe and healthy plants (Zero accidents and Zero occupational illnesses — Zero inequalities) and low environmental impact (Zero wastes) - Improving Energy efficiency and consumption; Common system, platform and standards to manage and sustain Sustainability (Zero lack of knowledge), in compliance with the laws and obligations.



SWOT



12

Sustainability considered as a strategic asset and included in the Managerial Statements (Better Environment management will decrease the production of wastes and costs Better Energy management will decrease the consumption and costs

Multicultural Company and global/multiethnic/functional **Organization - Mutual support between Regions/Plants Process to standardize systems, materials,** equipments, machines, manufacturing flow, etc. Low rate of injuries and zero occupational illnesses **Global Sustainability System and Minimum Technical Standards** Many of the plants already have at least one ISO Certification **Energy assessment done in many plants** and Energy Project is a crucial item of Monozukuri

< HELPFUL

Potential "green" incentives in almost all the Countries Sustainability is perceived as an asset **Automation and Artificial Intelligence** could decrease the risk of injuries **Common International Standards** and local Regulations founded on them

Some aged plants and machines, increasing the safety risks and use of energy, as well as the potential environmental impacts

Energy not always perceived as an opportunity

Cultural and Linguistic barriers

Common electronic platform where to share documents, best practices, etc. not properly working

Lack of common standards for the Auditors



HARMFUL>

Pandemic issue and Economic recession is slowing down the implementation of Sustainability projects

Higher cost of energy

Higher cost of waste disposal, like grinding sludge

The Group places great importance on maintaining and building **relationships of trust** with its stakeholders based on **long-term collaboration.** Tsubaki Nakashima interacts with numerous subjects, worldwide; the Company bases its relationships on solid pillars such as respect for people, safety at work, the quality of services offered, attention to the environment, transparency in relationships and Social Responsibility.

The stakeholder engagement activity made it possible to define the reporting perimeter and to build a stakeholder mapping that identifies the subjects linked to the company by relationships of different nature and in turn inserted in wider networks of interrelations.

Tsubaki Nakashima identifies its stakeholders by dividing them into two main categories: internal and external stakeholders, following the ISO requirements.

OUR STAKEHOLDERS



INTERNALStakeholders

are represented not only by shareholders and company management, but above all by employees and collaborators, **the heart of the company**, who are in direct contact with customers every day, representing Tsubaki Nakashima. The company strongly believes in the integration and concrete motivation of its employees by stimulating training at 360° and in particular on fundamental issues such as safety at work and the principles established by the **highest ethic's standards**. Shareholders and company management guide the strategy and operations of the Company in compliance with and sharing ethical and moral principles.

EXTERNALStakeholders

include suppliers and contractors, who are selected through a precise evaluation system, as well as based on compliance with the principles governed by our QMS and GSS: being a supplier of Tsubaki Nakashima means committing to extend the same ethical principles that guide the company also to its supply chain and along the entire value chain. A relevant external stakeholder is the Customers.

Both categories of stakeholders (internal and external) have legitimate expectations regarding the work of Tsubaki Nakashima and, in relation to the most relevant stakeholders, the possibility of expressing opinions and suggestions, both in clear and anonymous (i.e. Surveys), through various sharing tools made available by the company and with periodic meetings. Thanks to these listening processes, the company has the opportunity to understand their needs and evaluate them to improve its activities and its impact on them. In general, stakeholder involvement takes place in compliance with the principle of inclusiveness, through which Tsubaki Nakashima undertakes to encourage the active participation of all internal stakeholders in corporate life and strategic decisions.

CONTEXT ANALYSIS

CERAMIC BALLS

MEDICAL PRODUCTS



PRECISION STEEL BALLS

BALL SCREWS

SPECIALLY MANUFACTURED **PRODUCTS**

WIND TUNNEL



SOLID **PLASTIC BALLS**



GLASS BALLS





PRECISION ROLLERS AND STAMPINGS

BESPOKE TOOLING FEATURES TO DESIGN



LARGE SCALE BLOWERS

PRODUCTS FOR ELECTRIC POWER INDUSTRY

OTHERS

NAKASHIMA PRODUCTS UNIVERSE

49



PRECISION STEEL BALLS

Bearing Steel Balls, Stainless Steel Balls, Carbon Steel Balls, Chrome Steel, Nickel Chrome Molybdenum Steel, Tungsten Carbide Alloy Balls, Non-ferrous Metal Balls are used in a variety of products for everyday use – these include home electronics such as air conditioners, refrigerators, and vacuum cleaners to ensure a quiet operation. The high precision of our precision components ensures the highest durability and quality to meet our diverse client's needs.



TSUBAKI NAKASHI

PRODUCTS

PRECISION ROLLERS AND STAMPINGS



Fine ceramics are light and tough. In addition to having excellent insulating properties, they have excellent wear resistance, heat resistance and corrosion resistance. Taking advantage of these characteristics, our ceramic balls are used in bearings for spindle motors of machine tools, turbochargers, and dental drills that rotate at high speeds. Ceramic balls are also used as check balls in metering pumps for fluid control in water treatment and food applications. Our ceramic balls are indispensable for creating the future for environmentally friendly applications such as wind power generators, electric vehicles, and semiconductor manufacturing equipment that supports 5G technology.

Our industry position as the largest independent manufacturer of precision rollers allows TN the flexibility to offer products matching a wide range of customer specifications. Our roller technologies have been proven to create lower friction, bear heavier loads, and withstand the most severe conditions, ensuring that bearings containing TN rollers have the longest possible service life. Our fully automated, deep-drawn transfer and die pressing technology allows us to manufacture a wide variety of precision sheet metal parts, including tapered and spherical roller cages as well as other products for automotive and industrial markets. This process delivers high precision and improves overall product performance.

DAVI We specialize in high quality, price competitive, injection

TSUBAKI NAKASHIMA PRODUCTS

IV therapy check valves

High speed dental drills

Xray markers

Surgical instruments

Medical tester
Analysis and diagnostics

Airways and respiratory

We specialize in high quality, price competitive, injection molding of plastic tubes, petri dishes and other plastic disposables. We employ state of the art injection molding and clean room technology with advanced skills where tight tolerance, special color, clarity or light transmittance and lot-to-lot integrity are crucial. Some specialty injection molded plastic parts can be manufactured in our Class 8 Compliant, ISO 13485:2016 Certified, FDA registered clean room.

MEDICAL PRODUCTS

FDA Registered for Contract Cleanroom Injection Molding

Example of applications

Endoscopic irrigation
and washing

Disinfection machines

Haemodyalisis

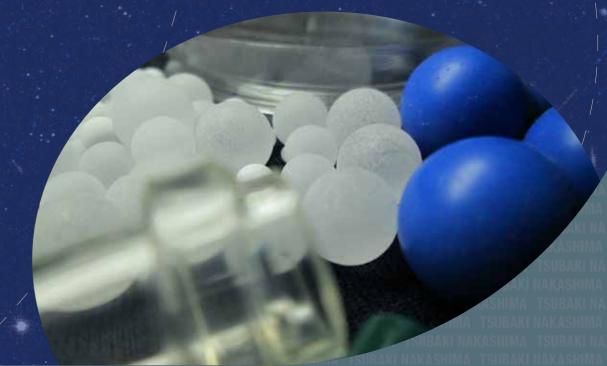
Blood processing equipment

Saline washing and cooling

Tumour ablation

SOLID PLASTIC BALLS

Solid plastic balls are a light-weight alternative to metal balls. Less than 1/6th the weight of metal and the weight of aluminum, advances in plastic material formulations and thermoplastic products can even outperform metal in certain applications. The balls can be used in applications requiring light weight, noise reduction, corrosion resistance or color. Common applications are lightweight bearings, check valves, and plug balls.



SPECIALLY MANUFACTURED our standard selection of precision balls, DDANIETE

Alongside our standard selection of precision balls, our Spheric Trafalgar brand can supply a wide range of specially manufactured metrology products that meet the requirements of demanding engineers across all sectors of industry.

ODUCTS GLA



We have established an integrated manufacturing system starting with the original material.

By applying our production technologies of the steel bearing balls into this system, we can offer you high-quality products at a low price.

BALL SCREWS

We have an unparalleled lineup of small to large products, heavy load products, and high precision rolled products.

These are often used in machine tools, electric injection molding machines, semiconductor manufacturing equipment, industrial robots, and advanced medical equipment.

The features of this product are 4 equal load capacities in 4 directions, high moment load capacity, tube type, while also providing long life, high rigidity, and high-speed running. This product has an established reputation for ease of centering in machinery. Like Ball Screws, Ball Ways are used in a wide range of industries.

TSUBAKI NAKASHIMA PRODUCTS

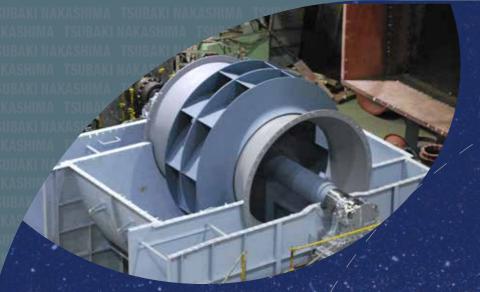
UKAS Calibration - our laboratory can supply UKAS certified measurement certificates for balls from 1mm up to 60mm and offer a measurement uncertainty as accurate as ±0.00025mm.

CMM REFERENCE BALLS for setting precision measuring equipment

Tooling Balls for general purpose use in Jigs and fixtures, Spherical Plug Gauges for gauging internal bores, Specialty Tungsten Carbide ball production.

BESPOKE TOOLING FEATURES to design





TSUBAKI NAKASHIMA PRODUCTS

WIND TUNNEL

Electricity demands increase year after year. Stable power supplies will become even more important as global power requirements expand. Our proven track record of products and services within nuclear and thermal power plants demonstrate our commitment to our customers meeting those rigorous demands.

LARGE SCALE BLOWERS

The iron and steel industry requires stable operation under harsh conditions of high temperature and high pressure. We provide safe and reliable products that are resistant to wear and corrosion, high temperature and special gases (e.g. COG, LDG, BFG). We also provide post-delivery support to meet individual customer needs. Typical applications are: IDF of OG, COG booster fan, steam exhaust fan, dust corrector fan, direct dust collection fan, hydrochloric acid recovery fan, N2 purge fan, preheating fan, BUF, coal exhaust machine.

Wind tunnels provide valuable flow data that continue to improve upon designs of automobiles, motorcycles, sportwear, and buildings. Tsubaki Nakashimablowersprovideconsistent and accurate wind flow that support the evolution of this technology.

FDF

The vanes of the turbo type fan mimic the shape of an airplane wing. This fan has been proven to have the highest efficiency with minimal noise among all centrifugal blowers. It has an Inlet Guide Vane which controls the flow rate of FDF and provides power savings.

PRODUCTS FOR ELECTRIC POWER INDUSTRY

IDF

Ceramic or hardened plates can be attached to the impeller surfaces to prepare the product for use in an abrasive environment.

HIGH PRESSURE BLOWER (stainless steel) Multi-stage impeller is a cent

Multi-stage impeller is a centrifugal fan covering a wide range of applications such as a blower.

FAN FOR METRO

The vanes of the turbo type fans follow the design of an airplane wings. This fan has been proven to have the highest efficiency with minimal noise among all centrifugal blowers.

MULTI-STAGE IMPELLER

Multi-stage impeller is a centrifugal fan covering a wide range of blower applications.



OTHERS

Reliable ventilation is critical

in manufacturing applica-

tions that include steel and

chemical processing as well

as subways and road tunnels.

lity blowers deliver the dura-

bility and safety demanded

in these environments. Our

meticulous design and consi-

to maximize their equipment

for enduring performance.

stent support allow customers

Tsubaki Nakashima's high-qua-

PAF

We have developed an original high efficiency type turbo fan that matches the efficiency of an airfoil fan. It is perfect for cutting down the initial and the running costs.



QUALITY

Tsubaki Nakashima Quality Management System and Quality

Organizations are designed to achieve customer satisfaction, one of the core commitments included in our Corporate managerial Statements

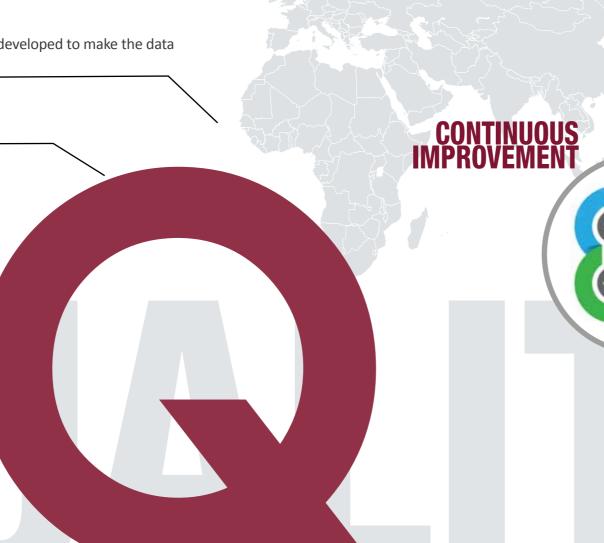
Our Quality Mission is TO SUPPORT

The **Global Quality scorecard** has been developed to make the data available and easily monitorable

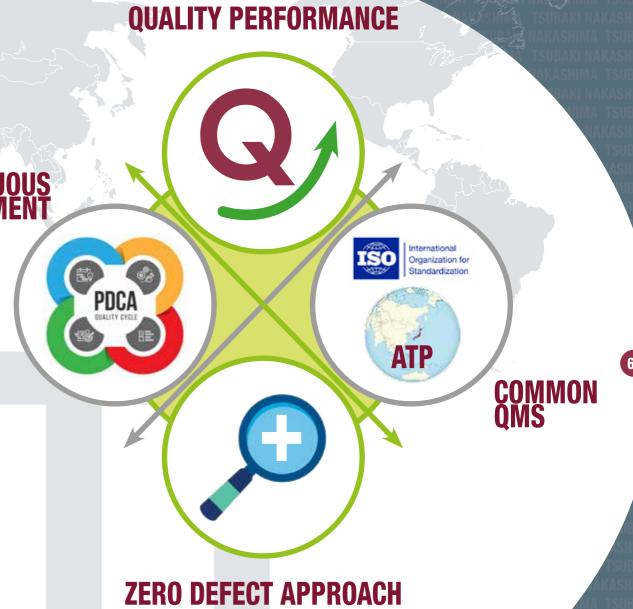
Supplier Quality Manual to help to consolidate a stronger Supplier base

The Internal Global Audit Team competencies have been strengthened by **specific trainin**g, working on the development of tools able to increase the effectiveness and technological content of the process

In terms of products, support continued to the local Quality department for Claims management and custom type-approval audits, continuing the development of the APQP methodology (Advance Product Quality Planning). Investments were also made in Digital Quality development.



QUALITY



In accordance with our Quality Policy, we have established a system that enables us to consistently **manufacture high-quality products that meet Customers' expectations** at all our sites. In 2019, we renewed our Quality Management System and established a **global QMS**, worldwide. This allows us to unify the quality of products manufactured at all our sites. As of the end of March 2020, **19 of our 22 global sites had obtained ISO** 9001 certification and 17 the IATF 16949 certification. As KPIs for maintaining and improving quality globally, we have set targets for the number of complaints, internal defect rate, and CNQ (cost related to quality, including complaint handling), which are linked to improvement activities. Internal audits and audits based on internal audit guidelines are also conducted at each site as quality-related audits. In both audits, we improve the accuracy of the audit by checking quality from the three aspects of quality, products, and systems. As of the end of March 2020, we had 108 employees with auditor qualifications globally and 8 in Japan.





S SPECIFIC

MEASURABLE

A ACHIEVABLE

RELEVANT

Be specific in whatever we control, aiming to maintain and improve our leading position in the manufacturing of high quality and high precision components.

Our process and performance must be measured, as the customers' specification and performance evaluations are measurable.

Achievable and clearly defined goals are the key for driving continuous improvement in the company's overall quality and service performance.

Focus and drive actions on relevant root causes to exceed to our customers' and stakeholders' expectations.

Establish and deliver on clear improvement and business development project timing expectations to create trust and enhance our partnership with our customers and stakeholders.





Development of in-house manufacturing equipment

Due to the simple spherical shape of precision balls, the main product of our group, process design is more important than product design in quality control.

Our group manufactures many of the machines used in manufacturing in-house, and some of the inspection equipment is also manufactured in-house to match the manufacturing machines and product shapes. We use commercially available acoustic measuring instruments and devices for measuring loads and dimensions in order to meet external standards, but we also manufacture parts that cannot be handled by commercially available products, such as the inspection of the appearance of spheres, and customize them for more efficient measurement. We also perform appropriate maintenance and checks on inspection equipment to achieve higher quality control.

© QUALITY initiatives CONTROL



QUALITY

Tracking system

Our group has introduced a tracking system to check all manufacturing processes.

This prevents mistakes such as mixing the wrong raw materials or skipping processes.

In addition, the system automatically outputs data on which process the product has gone through and which inspection it has undergone, making it possible to go back and check the details of the process when there is an inquiry from the customer after shipment. In order to reduce human error to zero, we are aiming to automatically capture all inspection data, and plan to achieve automatic determination of all inspection data by 2022.

In the precision ball manufacturing process, we have identified processes that are particularly prone

Identification of Critical Processes

to quality problems as critical processes, and are working to strengthen quality monitoring and process improvement. In the final cleaning and packaging processes, we are strengthening the management of each treatment solution and preventing insufficient application of anti-corrosion oil with an **automatic alarm system**, installing **automatic abnormality monitoring equipment** in the pressing process, and inspecting the management status of the heat treatment process based on CQI9. With regard to raw materials, in addition to encouraging raw material manufacturers to conduct their own audits and strengthen their audits, we audit raw material manufacturers and check the quality of materials when we receive them.

Process for responding to quality complaints

In the event of a quality problem, including a quality claim, we have our own risk management system, and each site first conducts a risk assessment. As a result of the risk assessment, if a certain standard is exceeded, the matter is reported to the **Risk Management Committee** for early resolution of the quality problem. This process is shared globally. In fiscal 2020, we responded to 47 quality complaints at our major sites, and none were severe enough to be reported to the Risk Management Committee.

The **Global Quality organization** is focused not only on supporting the manufacture of precision, zero defect product, but more importantly on ensuring our Customers' needs are exceeded.

As a truly global manufacturer of a wide range of precision components of our resources and expertise are extensive.

TN Global Quality and **Central Lab** are focused on the following main development activities, with the close collaboration of Customers:

GLOBAL QUALITY and CENTRAL LAB ORGANIZATION



STANDARDIZATION

QUALITY

The impact of the spread of the new coronavirus infection caused a sharp and significant slowdown in the global economy, and in 2020, global automobile production, machine tool orders, and other factors declined significantly. Under these circumstances, Tsubaki Nakashima's top priority is to ensure the health and safety of our employees, customers, and other stakeholders and to try to slow the spread of infection in accordance with local and national government policies. Although there were times and regions where we had to temporarily suspend or reduce our operations, we aimed to ensure a stable supply by utilizing our global production system, which is one of the strengths of the Group, and by complementing each other across regions.

RESPONSE to the CORONAVIRUS PANDEMIC



Immediately after infections from a new coronavirus became news, Tsubaki Nakashima invoked the Risk Management Committee and formulated the basic response Covid-19 Protocol. Since then, we have been gathering all available information and implementing measures to combat the spread of COVID-19. Starting from March 2020, daily meetings with all the plants have been organized to prevent, intercept, and manage the infections spreading, to share best practices and solidarity. Tsubaki Nakashima advises employees to take steps to protect themselves and others, such as washing their hands, covering their cough, and performing health checks before coming to work. Employees are instructed to stay home if they have a fever or cold symptoms. Measures are in place in office buildings, meeting rooms, and employee cafeterias to enable people to maintain social distance. Seating has been rearranged, restrictions have been placed on meeting room capacity, and employees are encouraged to telecommute. In addition, business travel is restricted or prohibited, depending on the region and infections, so employees are using alternative means such as virtual meetings via video conferencing and teleconferencing.





[MARCH 2020]

[UPDATED IN SEPTEMBER 2020]

These guidelines aim to help our Tsubaki-Nakashima entities and plants ("Employer") and our workers to stay safe and healthy in a working environment, that has changed significantly because of the COVID-19 pandemic. They give advice on:

- risk assessment and appropriate measures

- minimizing exposure to COVID-19
 resuming work after a period of closure
 managing workers working from home
- involving workers
- taking care of workers who have been ill

And finally, we implemented the new **ISO/PAS 45005:2020 - Occupational** health and safety management **General guidelines for safe working** during the COVID-19 pandemic



T

The Risk Management Committee(s) resolved to continue to monitor the state of infections around the globe while implementing improvements and to put preparations in place to respond immediately in the event of a worsening of the crisis. Tsubaki Nakashima's production and sales sites were hamstrung by COVID-19, for some months but always ensuring the best possible solutions for its Customers. In China, production gradually recovered from late February as restrictions on movement were relaxed. Production in the other regions normalized at the end of June, but we need to continue to pay close attention to the situation.







RESPONSE to the CORONAVIRUS PANDEMIC Tsubaki Nakashima's organizations and single employees around the world took actions to help contain the effects of COVID-19 in their communities, providing masks and supporting employees and families affected by the virus with subsidies, logistical support, psychological assistance, as well as local communities - especially schools - with donations of computer equipment for both face-to-face and remote lessons;

22 PCs have been provided for a high school in Bosnia and 20 tablets and 2 PCs for a middle school in Italy.



CORPOR CITIZENS

COVID-19

The Group operates, trains, and secures human resources based on unified rules, with the aim of ensuring that all employees working around the world continue to **move toward the future as a single One Team**. Our Group has developed through the acquisition of companies in Japan and overseas. In particular, the corporate culture of the PBC division of NN Corporation of the United States, which joined the Group in 2017, differed greatly from the culture that had been nurtured mainly at Tsubaki Nakashima's headquarters in Japan, and it became necessary to develop and deploy unified rules, corporate culture, and organizational systems for the entire Group. As a result of subsequent efforts, we formulated unified rules (**One Team Management System**) based on the concept of "One Management + One Operation = One Team" and One Tsubaki Nakashima culture that embraces and harmonizes differences in race, language, and culture. In addition, based on our One Team ManagementSystem, werespect diversity and promote the creation of workplaces that realize the **Vision Zero**.

OUREOWNINE Management Operation = One Team

INCLUSION AND DIVERSITY



Respect for diversity is a cornerstone of Tsubaki Nakashima Management Philosophy, and our personnel policies reflect it. Diversity is the inclusion of individuals of different genders, national origins, religions, regions, educations, social statuses, and LGBT, regardless of whether these traits are innate or acquired, visible, or invisible.

The Group has manufacturing bases not only in Japan, but also in the United States, Italy, Poland, Slovakia, the Netherlands, Bosnia, China, Thailand, India, and Taiwan, and in each of these countries, local employees take the lead in conducting activities. As a Corporate Group with global operations, we aim to utilize diverse values in our business, and promote diversity by appointing suitable personnel to Executive Officers regardless of nationality, promoting the activities of women, and employing people with disabilities. In our Group we have 30 different nationalities; Diversity is key, always.

For example, in the Management Committee (7 members), 4 different nationalities are represented With regard to the promotion of women's activities, we have formulated numerical targets and action plans, and are moving forward with our efforts. In order to balance work with childbirth and childcare, we are expanding our childcare leave system, raising the age of children who can take advantage of shortened working hours related to childcare, staggered work hours, telework, and a half-day paid leave system to create a comfortable working environment, according to the local Laws and Regulations.

With regard to employment of people with disabilities, we are working with local government agencies to recruit and support people with disabilities; the Japanese domestic employment rate for people with disabilities in FY2020 is 1.82%, and in Japan we are currently working with specialized organizations to expand the range of jobs and increase employment and will continue to do so in the future. In the rest of the world, the rate of people with disabilities varies from 1% to 2% in China, Italy, 4% in Slovakia and 8% in Bosnia and Poland.

INCLUSION AND DIVERSITY



GLOBAL MEETINGS

Tsubaki Nakashima holds a variety of (virtual) meetings and seminars for representatives from our global sites. Some are function specific, for areas such as manufacturing, quality, engineering, sales, finance and accounting, HR, sustainability. Others are for global projects involving matters such as Sustainability systems, Quality Management System, Sustainability Monozukuri Projects and so on. Every week, at least once, there were virtual meetings with all establishments to discuss the evolution of the pandemic, countermeasures, and to assist colleagues.

The Group is committed to hiring and training appropriate human resources in order to continue manufacturing essential products for the world and to achieve further corporate growth. As a rule, recruitment activities are conducted at each site, with the Tsubaki Nakashima Head Office involved in important management positions. Based on our policy of "zero inequality," we believe that diversity is a great value and, consequently, we do not discriminate on the basis of gender or other factors when hiring.

PEOPLE DEVELOPMENT

For the development of our People, we have established an education and training system and provide opportunities for all employees to acquire the knowledge, skills, and techniques necessary to perform their duties accurately and promptly, both inside and outside the workplace. Tsubaki Nakashima Academy (TN Academy) aims to enhance the customer value we create.

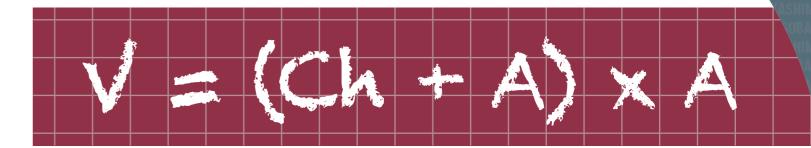
To this end, we teach our Managers and have them experience Monozukuri

To this end, we teach our Managers and
Talents basic technology and skills and
have them experience Managers!

(the art and science of manufacturing) by performing specific manufacturing and managerial tasks step by step. This helps them tackle jobs from different angles. Employees also learn by mastering essential skills for making manufacturing more efficient with the #MOTUS 4.0 APPROACH

TN ACADEMY

We believe that the Value of our Managers should be the ratio between **Competencies**, Humility and Ability to operate. However only our Attitude can be the right multiplier to achieve or not the success.



This is the reason why Tsubaki Nakashima decided to launch an ambitious a Knowledge Platform to ensure a common technical and managerial knowledge; in the first round we involved Plant managers, who play an important role in the execution of business at each site, and Talented Employees (selected after a severe process and specific Organizational Competency Assessments), with on line and "in presence "courses concerning Plant Management, People management, Ethics, Safety and Health, Environment, Quality and basic Finance. Each plant designs a people Development plan at all the levels, in alignments with our Quality Management System and Global Sustainability System.

100% OF OUR EMPLOYEES

took part in training courses, during 2020, for an average of more than 40 hours per person, 60% of which were dedicated to Compliance, Health, Safety and Environment.

OUR COMMITMENT TO PEOPLE

IN 2020 AN IMPORTANT PROJECT OFRESEARCHANDINNOVATIONOFPRODUCTS AND PROCESSES AND OF PREPARATION FOR THE INSERTION OF NEW ENGINEERS BEGAN, INVOLVING THEUNIVERSITYOFTURIN(ITALY)ANDDUBLIN(IRELAND)

AND 8 STUDENTS.

NEW TALENTS



OUR COMMITMENT TO PEOPLE TRAINING NEW TALENTS

THE SEARCH FOR NEW YOUNG TALENTS,

PARTICULARLY IN THE TECHNICAL AREA, IS

EXTENSIVE WORLDWIDE IN TSUBAKI NAKASHIMA.

LEADING BY EXAMPLE

Respect and Honest Communication Courage **Customer Focus Continuous Innovation Strategic Thinking DELIVERY GROWTH Value-Based Results Orientation Decision Making Driving Change** COMPETENCIES Influence Vision, purpose and relationships **INSPIRATION PEOPLE** Cultural Sensitivity **People Management Comfort around authority Conflict Management**

OUR COMMITMENT TO PEOPLE

EVALUATION SYSTEM

The criteria for evaluating employees who work a full day and employees who work shorter hours are identical. This was done to ensure a level playing field when it comes to advancement and promotions. Employees are evaluated (Performance Evaluation and Competency Assessment process) based on their achievements with respect to goals (Goals and Objectives Process) and based on their behaviours and competences, with respect to the 15 Tsubaki Nakashima Competencies, divided in 5 categories linked to Managerial Statements.

85

GLOBAL TALENT

Tsubaki Nakashima has sites around the world to accurately identify and swiftly and flexibly meet the changing needs of customers at different times and in different regions. **The TN Group currently employs about 3,500 people.** A high-performing, diversework force is essential for achieving vertical integration, making it vital for our operations divisions in Japan and companies overseas to be on the same page in terms of business vision and policies. **Organizational Capability Assessment** and **Succession Planning** process are two programs supporting the identification of Talents to be trained and accompanied to the next steps of their career in our Company.

SELECTING MANAGERS, DIRECTORS AND EXECUTIVES

Tsubaki Nakashima seeks to put itself in the best position to achieve the Mid-Term Goals by reviewing organizations, roles, and human resources from a global perspective and making adaptations that best serve our business strategies and the ever-changing business environment. The company specifies the roles and requirements for key positions in the global TN Group. It establishes succession plans and has systems in place to ensure that the best people for these positions are selected without regard to consideration such as age, gender, and nationality. In each entity, personnel reviews (Organizational Competency Assessment and Performance Evaluation) that focus primarily on managers in each business and function are conducted to identify candidates for future management positions. **Succession plans** are drawn up, and training, both internal and external, is provided to put them in a position to succeed. Information about their skills and capabilities is gathered by various means, including 360-degree evaluations, and future career path and development plans are explored.

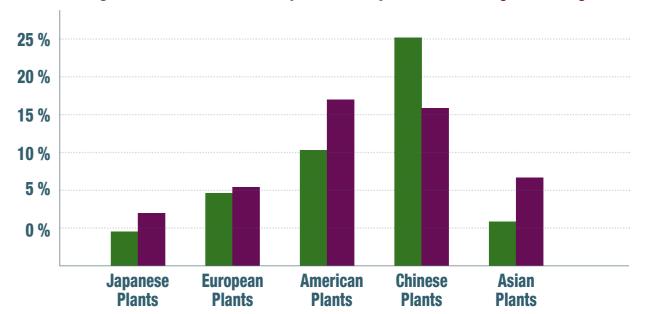
WORKFORCE COMPOSITION AND SERVICE PERIOD

Men represent 75% of the entire population and women 25%; Tsubaki Nakashima is a manufacturing company, and we believe that the efforts made in Ergonomics allowed many women and people with disabilities to join us, also in activities that were historically performed by male personnel.

In most Plants, **Women play key managerial roles** as managers, department heads, and supervisors. In 2020, the Company increased the percentage of female employees by 7%.

Length of seniority depends on the plant's age, but in general we can say that in the majority of our factories, **turnover is not an issue** and, where present, it's not influencing the goals and targets set up. In all the Regions, excluding China, the turnover rate is below the national average.

Average turnover rate 2020 in our plants ■ compared to the average of the Region/Area ■



OUR COMMITMENT TO PEOPLE

MEDIAN AGE 2020: THE MEDIAN AGE IN OUR PLANTS GUARANTEES EXPERIENCE, KNOWLEDGE AND COMMITMENT, EVERYWHERE

TN China Chongqing	40
TN China Taicang	37
TN China Kunshan	37
TN Japan (Ceramic)	39
TN Japan	43
TN Thailand	38
TN India	37
TN Europe	45
TN Bosnia	47
TN Italy	51
TN Netherlands	49
TN Poland	35
TN Slovakia	41
TN America Michigan	44
TN America Georgia	44
TN America M.City, Tenn.	45
TN America Erwin, Tenn.	48

OUR COMMITMENT TO PEOPLE Tsubaki Nakashima is serious about keeping all forms of discrimination and unfair practices out of its operations around the world. This stance is reflected in our participation in the United Nations Global Compact and in the Tsubaki Nakashima Group Policies regarding Human Rights and Labor Standards, which articulates Tsubaki Nakashima's strong convictions in areas such as respect for human rights, prevention of all forms of harassment and discrimination, respect for local culture and customs, prohibition of child and forced labor, and maintenance of positive labor-management relations. Tsubaki Nakashima Human Resources Function, working in concert with the HR departments of our global affiliates, guides initiatives to prevent human rights abuses, discrimination, and unjust labor practices.

Tsubaki Nakashima has identified human rights risks such as child labor, forced labor, other exploitative labor, workers' rights, labor conditions, discrimination, and harassment as business risks.

All personnel are regularly notified of disciplinary actions and other actions taken by the company in response to incidents of discrimination, unfair labor, harassment and other human rights abuses to prevent similar incidents in the future.



Since Tsubaki Nakashima's acquisition of PBC, the company has instituted two awards, one for organizations, i.e., plants
Best Run Plant and Most Improved Plant and one for Individuals and Teams
BX Award - Be eXceptional Award

TSUBAKI AWARDS

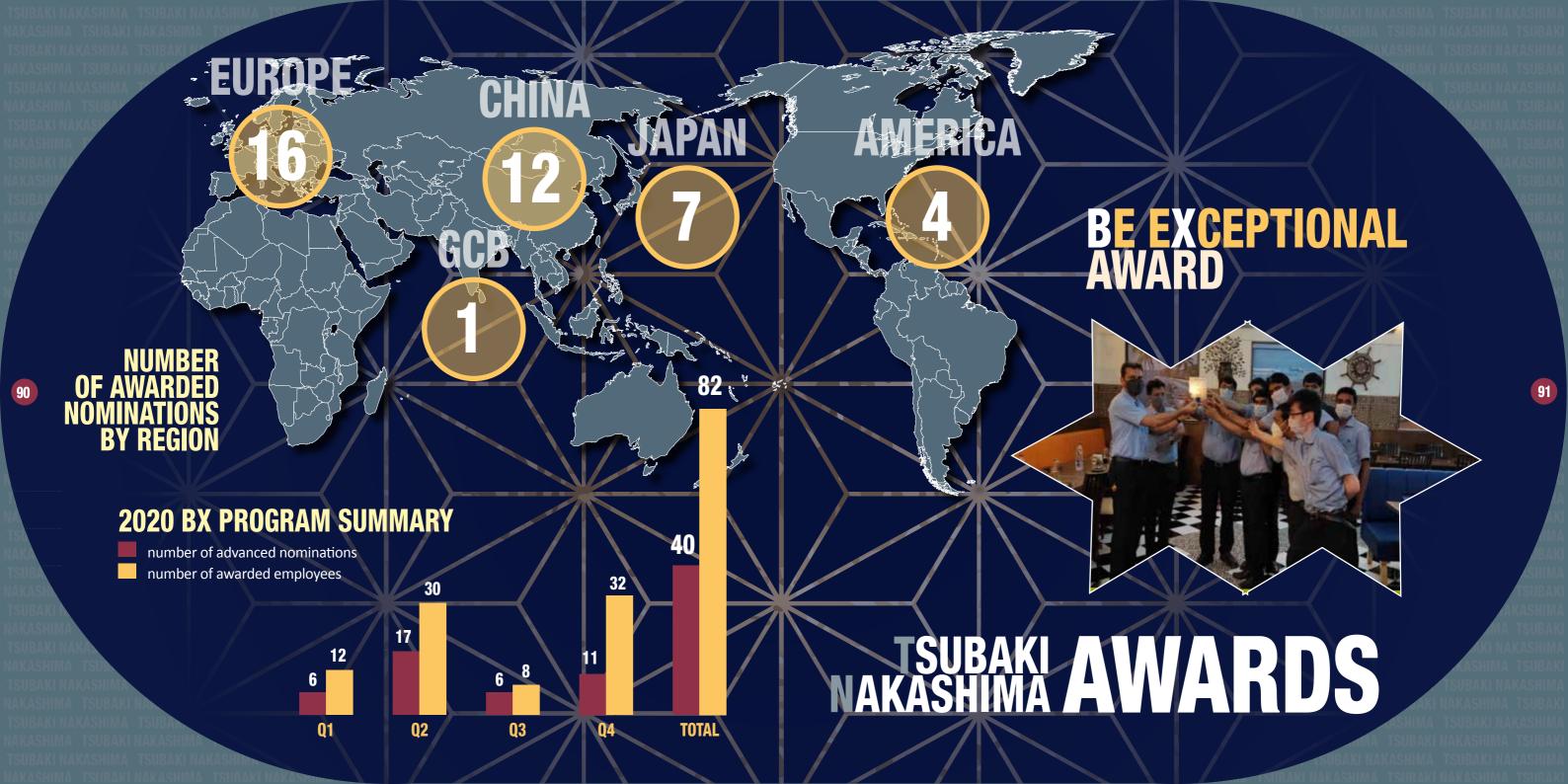
BE EXCEPTIONAL AWARD

To create Profitable Growth, the content needs to Be exceptional

BX Award is recognizing the results of peers and colleagues in our group who have achieved excellence and serve as inspiration and example for others. We want to **inspire and celebrate positive behaviour**, **results and successes**. Thriving as a Company and acting as a worldwide leader in our business segment can only be realized by showing exceptional results and world-class excellence in all the things we do, independent from the role we fulfill in the Corporate – Region/Division – Plant or level of responsibility we hold. Our goal is that every employee step on board and feels the spirit of being part of a winning team.

During 2020, 82 employees were honored





Tsubaki Nakashima aims to recognize and reward **excellence across the Organization**, inspiring us to be better, to think bigger and to continue to grow, profitably through 2 Awards:

The **Best Run Plant Award**, which recognizes the continuous pursuit of excellence in every aspect of the business including customers, employees and environment.

And the **Most Improved Plant Award**, which recognizes a plant's ability to overcome challenges and bounce back stronger, wiser and more powerful.

2020 has been a very difficult year for the whole world, for Tsubaki Nakashima, for our People. Never as in these moments has it been and is important to remain united, to be even more a One Team, to demonstrate unity, commitment, courage, solidarity and vision. **Great work deserves to be acknowledged and celebrated**. In 2020, Tsubaki Nakashima awarded 4 factories For the second consecutive year TJS, from Sechibaru, Japan. For the second time, TAM from Americas Region, already awarded in 2018. And for the first time 2 Chinese Plants, the first to face the pandemic at the end of January: TCT, Taicang and TCK, Kunshan

92 BEST RUN PLANT AWARD

MOST MPROVED PLANT 93 AWARD

NAKASHIMA AWARDS

SAFETY & HEALTH OUR COMMITMENT TO PEOPLE

APPROACH TO OCCUPATIONAL SAFETY & HEALTH

Tsubaki Nakashima believes that

providing and maintaining a safe and healthy work environment and promoting physical and mental well-being

are the foundation of a healthy company.

Accordingly, understanding that safety and health are the lifeblood of the company, we have instituted **safety and health systems and activities** at our sites around the world, so that our employees and partners can enjoy working as part of a team in a healthy environment and in the knowledge that they are safe and secure.

The core component of this effort is the **Tsubaki Nakashima Global Sustainability System**, according to the **3 most important ISO Standards** of which one of them is ISO 45001 (OCCUPATIONAL HEALTH AND SAFETY), established in FY2018 and progressively deployed in all the factories. The process will be completed in 2021.

GSS (in its SH portion) is covering safety, health, fire/disaster prevention, and facilities; this original Tsubaki Nakashima program is based on an occupational safety and health management system that also conforms to International Labour Organization (ILO) guidelines.

Since that program came into effect, we have enforced the GSS Manual and Procedures and manage our workplaces with the idea that **every workplace is responsible for maintaining its own safety**.





MANAGEMENT COMMITTEE

CEO

COO

EA / JC, L&B, GCB PRESIDENTS

DIRECT **RESPONSABILITY**

REGIONAL / DIVISIONAL PRESIDENTS

PLANT MANAGERS

HEAD OF DEPARTMENTS

SUPERVISORS - TEAM LEADERS / SHIFT LEADERS

WORKERS

STAFF SUPPORT

HR AND **SUSTAINABILITY** (GLOBAL/LOCAL)

SUPPLY CHAIN (GLOBAL/LOCAL)

OPERATIONS (GLOBAL)

QUALITY (GLOBAL / LOCAL)

ENGINEERING (GLOBAL / LOCAL) **MAINTENANCE**

FINANCE (GLOBAL / LOCAL)

(LOCAL)

ACCOUNTABILITY

MITMENT TO PEOPLE



Tsubaki Nakashima seeks to improve its safety and health programs around the world by holding regular meetings at all the organizational levels to share information, discuss issues and opportunities to improve to achieve ZERO Accidents and ZERO Occupational Illnesses. At the Management Committee level, during the bi-weekly meeting, our Executives update one another about actions being taken and discuss issues to identify opportunities for improvement. At the Regional and operational level, Managers, Supervisors, Workers' Representatives and Sustainability Representatives also meet regularly to share information (Sustainability Committee).

According to the Global Sustainability System, an annual Management Review has been prepared in every plant and consolidated at Global Level.

Startingin2019, we have developed a **system of internal standards**, based on international technical regulations (ISO) pertaining to safety, health and the environment, which is called Minimum Technical Standard, in order to:

SAFETY MANAGEMENT INITIATIVES





ensure all Tsubaki Nakashima Plants run the business in a manner that results in

Injury Free, Incident Free and no adverse environmental impacts,

in full compliance with
TN Management Principles,
International Standards
and local Laws



clearly state TN Plants'
obligation to develop
a Sustainability Plan
complying with the
Minimum Technical
Standards



ensure all Tsubaki Nakashima Plants

utilize consistent
EHS & Energy standards
and establish/share
Best Known Methods

Minimum Technical Standards

is a method of establishing uniformity of minimum expectations,

OVER 43 MINIMUM TECHNICAL EHS&E STANDARDS developed.

- a Procedure containing the International Minimum Standards
- a Visual example of what we are talking about
- a detailed and complete training session, with pictures and drawings
- each MTS has adjoining MTS Implementation Checklist

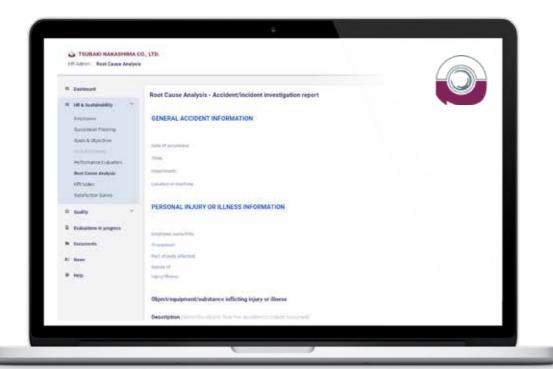
энионовы 🐱	AIR EMIS	001-4073		
	AFRECUED BY:		DUBLIED BY:	REVENUE DATE
		CS1 (125 L)	MAKE ALLWARE	APRIL 6, 2018
colog: receipt priest must establish ve molimoted and we man molitimental beas and in molitimental beas in investigation of pull molitimental beas in investigation of guid an interrupt in reduce molitimental beas and molitimental be	reged in scordam appliations, and fail is there smortwise 55 principles to all 55 principles to all at parameters, fail at parameters, fail at parameters, fail at parameters, fail at parameters, fail and parameters, and are are are are are are are are	or with applicable that generate or that generate or minete or more article of more article or minete or more article or minete article or more article or article or articl	local, regional, six co. usd (Thi) Blobs emissions. Its environmental to environ	ate and federal in Sustainability of Sustainability opposition from the operations, less that send security of the security of
the atmosphere, notification;				
 p. Procedures to reviewer embars embalors in analysis, alternative 	will be minimized a	end appropriate p	ermits obtained	
Accounts/billity:		Daniel Landon Land	is policy.	
Accountability: Hant management is neep	onable for the imp	emertation of the	Part of the last o	
Accountability Fant management is resp	onside for the imp	remembers of the		

	MUNIMA	IM TECHNICAL ST	AMERADO	2000000
- weensoon	AIR EMISSIONS MANAGEMENT			CSEMIS
	APPROVED BY:	VERSIED BY	ARRE ALLMAN	REVISION DATE: AFRIC 8, 2010
	molements	etion Verification		
Confirm the following and			-	
	all potentially has reposition, flatard o yout, point of relea	last (e.g., flamma	ible, comosive), g	eneration rate,
o verification that a regulators or guid		re controlled as o	required by applic	able laws and
 A strategy to redu the environment; 	ce sir emissions, es	pecially those that	are harmful to h	men health or
s An identification of permits, keeping t	of air emissions reg Nem current, and er			
3 Measures to previ	ont the inadventions	ninesse of air emo	sions;	
 Procedures by who the atmosphere, nutrification, 	ich personnel can i including emerge			
a Procedures to re-				
analysis, alternatio	will be minimized a as to allowing the a			as part or one
verification betw:				
Annual validation Date:	-			
Evaluation Completed By				
-				
-	_			
-				
Sen elementer	-			

OUR COMMITMENT TO PEOPLE

RAISING EMPLOYEE AWARENESS WITH ACCIDENT REPORTS

Tsubaki Nakashima analyzes all occupational injuries and accidents, identifies causes, and makes **plans for preventing similar incidents**. Occupational accidents are reported in the form of Preliminary Accident Report and Root Cause Analysis which describes accident causes, countermeasures, and actions that all sites are to take to prevent similar accidents in the future. These reports are placed on the intranet (**One Team Software**) and discussed with employees.



PROFESSIONAL DEVELOPMENT THROUGH SAFETY AND HEALTH TRAINING

Tsubaki Nakashima considers safety and health training vital for protecting employees.

The training curriculum is tailored to the position, roles, and responsibilities of employees.

Training for non-management employees focuses on practical techniques such as risk assessment and hazard prediction. Training for managers and supervisors focuses on leadership. All Group companies use the Training Plan to include specific ESH training. Our Chief HR Officer provided training concerning the Global Sustainability System and Minimum Technical Requirements to the Management Committee, Regional Presidents and all the HR & Sustainability Team members.



ENGINEERING MANUAL

In 2020 we developed a Safety Engineering Manual, a detailed guidance on how machine guarding and electrical safety is to be set up and maintained to ensure employee protection. In 2021 the Manual will be deployed within the entire Organization.





TSUBAKI NAKASHIMA SEEKS TO CONTRIBUTE TO THE ACHIEVEMENT OF A SUSTAINABLE SOCIETY THROUGH ITS BUSINESS ACTIVITIES AND THEREBY BECOME AN INDISPENSABLE COMPANY. FOR THIS REASON, WE ARE MEMBERS OF NUMEROUS ASSOCIATIONS AND FOUNDATIONS, FOR INSTANCE:











AND MANY OTHERS AT LOCAL LEVEL AS WELL AS WE ENDORSE AND TAKE PART IN NUMEROUS INTERNATIONAL CONGRESSES AND MEETING TO SHARE WHAT WE ARE DOING AND TO LEARN FROM OTHERS.

INTERNATIONAL EVENTS and PARTICIPATION IN EXTERNAL INITIATIVES Ball characteristics impact on bearing noise generation,
Annual Tradeshow where Tsubaki Nakashima
was the bronze sponsor



American Gear Manufactures Association's Annual meeting



Canadian Manufacturing Safety Alliance of BC
International Leader Panel: COVID-19
Lessons and Growth, Make it Safe conference,
British Columbia, Canada



a17th july new date PORTO PORTUGAL

SHO Portuguese Association for Safety and Health

How to create a Sustainable Company
Culture in a Multiethnic and
Multicultural Organization
SHO Annual Meeting, Portugal



INTERNATIONAL EVENTS and PARTICIPATION IN EXTERNAL INITIATIVES





International Social Security Association (ISSA) - Global Vision Zero Business Council

Physical and mental health challenges caused by the pandemic and smart ways
to promote safe and healthy behaviors, Denmark

Committed to a world of work without accidents, disease and harm
Vision Zero Business Council

Safety Governance Institute

Safety Governance Institute, Australia Annual Meeting

IRF2020

7th International Conference

INTEGRITY-RELIABILITY-FAILURE

Funchal/Portugal, 6-10 Sep 2020

Coordinated by International Scientific Committee of Mechanics and Materials in Design

Micro-inclusions and loads effect on metal fatigue: a modified life estimation model through experimental and analytical investigation

Experimental analysis of the influence of defects in bearing rolling balls on noise and vibrations

Quantitative comparison of amplitude and phase thermal responses
 on steels and ceramics through active thermography techniques



International Journal of Fatigue 2020

Influence of micro inclusions in life of rolling elements: Experimental, microstructural, analytical and numerical investigation

STAND IN EVENTS



INTERNATIONAL EVENTS and Participation In External Initiatives

TN ATMOSPHERE

OUR ENVIRONMENT

Products provided by the Tsubaki
Nakashima Group, including
precision balls, contribute
to improving the energy performance
and efficiency of final products.
For this reason, we believe
that not only supplying high-quality
products, but also giving due
consideration to the environment
in the manufacturing process
will help reduce the environmental
impact of the entire value chain.



OUR COMMITMENT

Tsubaki Nakashima shall continue to improve its own organization, processes, products, and services, aiming at reaching zero defects, zero accidents and zero environmental impact and the improvement of the energy performance by means of:

- the **involvement**, **participation and co-responsibility of the employees and workers** representatives where they exist, collaborators and suppliers and other relevant parties with the intention of making them aware of their individual duties, also through specific communication initiatives, while promoting a healthy and safe behavior, and being aware of the rational use of energy
- embracing the philosophy of the 5 Z's of sustainability approach, we strive to have **Zero accidents, Zero occupational illnesses, Zero wastes, Zero inequality and Zero lack of knowledge**
- the implementation of all that is necessary to guarantee the **safeguarding of the environment** and health and safety in the workplaces
- the development of **production processes**, **oriented to continuous improvement** of the safety, environmental and energy standards, to reduce and eliminate the negative impacts in an economically feasible manner, by making provision for the acquisition of products and services with a view to improve the energy and environmental performances
- the commitment to **preventing defects, accidents, and environmental impacts** rather than identifying them
- a **constant respect** for company, customer and governmental health and safety, environmental and energy requirements
- a **continuous improvement of the management and performances** of health and safety, environmental and energy matters by locating the necessary resources in order reach the set objectives and targets, using adequate monitoring and evaluation tools

All the above to satisfy the requests and expectations of our employees, customers and shareholders in the best possible way, increasing the reputation of the company and strengthening our leadership position.

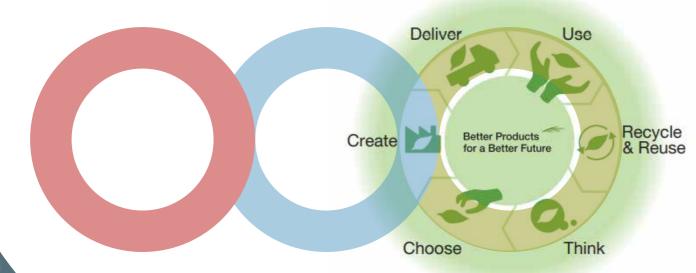
USE OF RESOURCES AND SUSTAINABILITY

Tsubaki Nakashima consumes resources and, in the process of conducting business activities across the life cycles of its products and services, emits GHGs and other emissions to the air, land, and water. Following the specifications indicated by the ISO 14001: 2015 standard and our Global Sustainability System, we have assessed the environmental impacts of our business activities across the value chain to reduce our impacts.

LIFE CYCLE THINKING

112

Tsubaki-Nakashima defines an eco-considerate product as one for which environmental impacts are considered from product conception to mission completion; that is, at every phase of the life cycle, from design and manufacturing to transport, usage, and recycling.



IHIM

the process, as much as possible

could have a second life. in our Global Sustainability System, specifically in the Minimum Technical Standards set up, we focus our attention on Management of Chemical Substances in manufacturing, replacing hazardous substances with non-hazardous and recycle them into

Climate Change Policy,

and other material that CHOOSE

Tsubaki Nakashima takes

environmental impacts by

providing products that offer

environmental performance.

Almost all our products are 100%

recyclable – we use steel, plastic, glass, ceramic, aluminum,

a life-cycle thinking approach in

efforts to minimize customers'

Life Cycle Assessments, Pollution Prevention & Chemical Management

OUR ENVIRONMENT

USE

Transport/Value Chain — Our motto is Global Reach and Local Depth, working to serve our Customers close to their factories, also to reduce transportation and material handling

DELIVER

responsible
use of natural
resources,
as well as of other
resources is key,
in our approach.

RECYCLE & REUSE

Oil, coolants and other substances are recycled as much as possible. All our products are recyclable, almost 100% Through the creation of eco-considerate products, we are cooperating with our Customers to expand our environmental impact mitigation efforts beyond Tsubaki Nakashima's doors. The Group's core product, precision balls, are basically manufactured and delivered in regions close to customers for *local production for* local consumption in order to reduce emissions, as well as prevent damage and breakage caused by long-distance transportation. Although the procurement of raw materials, manufacturing, sales, and after-sales service are carried out at each site according to the characteristics of each product and region, important visions and directions in business operations such as purchasing, quality assurance, and technology development are formulated at the Tsubaki Nakashima Headquarter and communicated to each site.



TSUBAKI NAKASHIMA IS COMMITTED TO PROTECTING THE ENVIRONMENT (INTERNAL, EXTERNAL)
BY CONSTANTLY TRYING TO REDUCE ITS IMPACT ON EVERY SINGLE TERRITORY OF ITS PLANTS AROUND THE WORLD AND BY MONITORING AND IMPROVING ITS ACTIVITIES AND THROUGH AWARENESS-RAISING INITIATIVES AIMED AT STAFF. THE CERTIFICATIONS OBTAINED AND RENEWED OVER THE YEARS SUCH AS ISO 9001, IATF 16949, ISO 13485, ISO 45001, ISO 14001 AND ISO 50001 DEMONSTRATE OUR COMMITMENT TO QUALITY, ENVIRONMENT, ENERGY AND SAFETY.

SUSTAINABILITY Commitment

13 PLANTS

WE HAVE 13 PLANTS WITH ENVIRONMENTAL AND/OR SAFETY AND/OR ENERGY CERTIFICATION 13 PLANTS



20 CERTIFICATES

5 PLANTS



C PLANTS
WITHOUT NCS

2 PLANTS



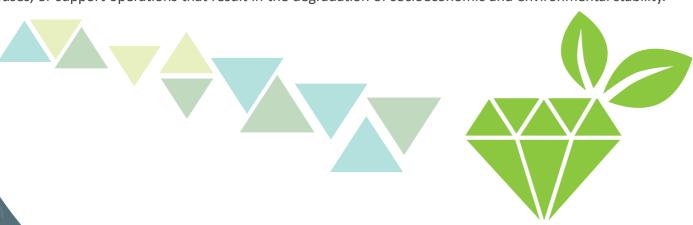
117

OUR ENVIRONMENT

We are actively working to reduce environmental impacts throughout the value chain by leveraging our efficient, compact, and precision technologies to improve the environmental performance of our products, utilizing renewable energy, and enhancing our business activities in order to achieve our targets.

RESPONSIBLE SOURCING OF MINERALS

Where minerals such as tin, tantalum, tungsten, gold (3TG) and cobalt are mined in conflict-affected or high-risk areas such as the Democratic Republic of Congo (DRC) and adjoining countries, the revenue from the mining and trading of these minerals is a source of funding for armed groups and anti-government forces carrying out atrocities and human rights abuses. Minerals sourced from such conflict-affected or high-risk areas have the potential to promote conflict, human rights violations and environmental degradation. Tsubaki Nakashima considers mining to be an intensive process involving social and environmental risks, and believes the minng of metals and minerals, including conflict minerals (3TG) and cobalt mined in the DRC, as well as other minerals mined in other regions, must be managed. Tsubaki Nakashima's policy is that we want no part in any human rights violations or environmental destruction. While sourcing minerals that originate in conflict-affected or high-risk areas, we will not, by any means, tolerate, knowingly profit from, contribute to, assist with or facilitate the commission by any party of any form of human rights violations or abuses, or support operations that result in the degradation of socioeconomic and environmental stability.



OUR ENVIRONMENT

REDUCING GREENHOUSE **GAS (GHG) EMISSIONS**

The 2015 Paris Agreement set a goal of keeping the increase in average global temperature to well below 2°8above pre-industrial levels. Tsubaki Nakashima started few years ago to work on the same direction.

Actions to reduce emissions are being explored at model sites and then shared with others to increase the likelihood that targets will be achieved.

Main actions for reducing emissions

In our Rollers Plant, the ratio is 0,5.

- Production innovations and automation
- Investment in updated facilities and equipment such as plant infrastructure, and solar power systems
- Purchasing low-carbon electricity and using other forms of renewable energy

In many of our steel ball plants, we have reduced the tons of CO2 produced per ton of product to below a 1-to-1 ratio and averaged 0,8 and, thanks to the Monozukuri project on the rational

use of energy, we expect to lower this value to below 0,8 in the next three years.

Other reductions to be achieved by **power utilities** reducing their GHG emissions factors

PROCESSES

specific, according to the Global Sustainability System, all our sites and businesses are implementing energy-saving measures and increasing the use of renewable energy to achieve our targets.

RENEWABLE ENERGY USE



Tsubaki Nakashima expects its energy use to increase as

production increases in line with its long-term growth strategy. The use

of renewable energy (energy from natural sources) is one of the most effective

ways to reduce GHG emissions. Accordingly, Tsubaki Nakashima is implementing plans

Plants working to introduce sources of renewable energy In every plant, to reduce fixed power consumption, we installed, and we are promoting the use of LEDs for fluorescent and mercury lamps and the introduction of high-efficiency boilers, hydraulic units, and other equipment with low energy consumption when renewing facilities. We have also been working on reducing fuel consumption by renewing or eliminating boilers and reducing electricity consumption through efficient operation of air-conditioning equipment and compressors; we are also promoting the installation of solar panels and use of electrical vehicles.

For example

Tsubaki Nakashima Italy - Elimination of asbestos's roof and Energy saving: as a replacement of the asbestos roofs, a total of 945 monocrystalline photovoltaic modules have being installed, with a power output of 311.85 kWp.

Tsubaki Nakashima implemented a new Car Policy that all company cars must be electric or hybrid, using the green energy produced by our photovoltaic systems or purchased from renewable energy producers.





Tsubaki Nakashima India is supporting towards green energy and installed roof top Solar Power Plant of 60 KW capacity.



Plants using renewable energy sources

OUR ENVIRONMENT

On top of it and to reduce energy consumption in manufacturing, a new Project has been launched at the end of 2020, led by Monozukuri's Global Function, assisted by the CHRO.

The international standard ISO 50002 defines all the process leading to the identification of opportunities for improvement of energy performance and the Energy Audit process is a simple chronological sequence of specific activities that allows our Plants to improve their energy performance, reduce energy consumption and obtain environmental benefits.

Our Global Sustainability System is based on ISO 14001 (Environment), ISO 45001 (Health and Safety) and ISO 50001 (Energy); the full implementation of it allows our Plants:



To be compliant with mandatory and voluntary standards on energy and environmental issues



To analyze processes from energy perspective aiming at reaching a deep knowledge



To improve energy performance



To implement/improve monitoring system of energy consumptions





To internally communicate and share Energy Management System



To inform suppliers that products purchase is subordinate to energy savings



To evaluate opportunity to buy highly efficient plant and equipment

RESOURCES/FORMING A CIRCULAR ECONOMY

To contribute to the formation of a circular economy in which waste is minimized, Tsubaki Nakashima is working to reduce emissions and preserve water resources in its production processes.

ZERO EMISSIONS

As per our Vision Zero Approach, Tsubaki Nakashima is working toward zero emissions by reducing generated business waste and recycling. Wastes are generated in our production processes, offices, and operations. Wherever possible, we reduce, reuse, and recycle these wastes on-site. Plastic runners from molding processes are recycled, for example, and ReMida project is a significant example of this Vision The remaining wastes, including valuable wastes, are recycled by a contractor. We carefully sort and separate wastes and select the best available recycling methods and contractors for each type. We will continue to reduce wastes and to work for general improvement





TRANSFORMING A WASTE IN RESOURCE > ReMida PROJECT

The Monozukuri philosophy is based on "smooth manufacturing process", which include smooth process, less noise, friendly product, sludge reduction and waste elimination.

The ReMida Project must achieve the target to reduce the quantity of sludge produced, then transform the sludge in recyclable product. We strongly believe that improving the internal environment we will improve the proudness of our employees and the confidence of our Customer, together with the awareness of working for a brilliant future of Tsubaki Nakashima.

ZERO WASTE PROJECTS



OUR ENVIRONMENT









Dehydration

Pressing

Hardening



PRODUCTION PROCESS

WHY DO WE NEED **GOOD SLUDGE QUALITY?**























is used for processing, and sludge is generated during processing. In order to reduce the amount of sludge generated, we are working to improve our manufacturing technology. The water-soluble cutting fluid used in the polishing process is recycled by removing the shavings and returning them to the process, which leads to water conservation. In addition, the sludge generated is compacted to remove the water content and the residue is turned into valuable resources to reduce the total amount of waste. Similar efforts are also being made to reuse water-soluble cutting fluids in the ball screw cutting process through filtration and circulation.

PRESERVATION OF WATER RESOURCES Water and climate

change, as well as other environmental factors, are closely linked. Tsubaki Nakashima's factories rely on water resources, and the sustainability of water resources substantially affects business continuity. Given this, we are working to preserve water resources by avoiding unnecessary contamination and use, and by recycling the water we do use. We actively strive to increase the rate of industrial wastewater that is recycled in our production processes and to meet strict water quality standards. We are also mitigating our overall environmental impacts, including by introducing more energy efficient water processing facilities. Our efforts extend beyond the water used in our production processes. We ensure that all employees have access to safe drinking water, as well as sanitary kitchens and restroom facilities. Moreover, we make our employees aware of the importance of saving water and preventing water pollution, and we install water-saving fixtures and sanitation facilities.

THE GROUP REPORTED ZERO ENVIRONMENTAL ACCIDENTS

126





Install roof in the waste disposal's area

KATSURAGI (JAPAN)

Replacement
of the Washing Machine
to improve efficiency,
reducing use of water

128

Reduction of coolant's consumption 6 Centrifuges for filtering of coolant, that enables to reduce mesh type filter waste.





EXAMPLES OF SUSTAINABILITY PROJECTS



THE NETHERLANDS



Redesign Infeed
System Honing Machine:
Complete mechanical
infeed without use
of compressed air anymore,
and additional Energy
saving, Noise reduction,
Less mist
on the shopfloor.

Air filtration
Recycle air by filtering
the exhausted air
in CRB grinding lines.
The goal
of this project
is energy saving.







OF SUSTAINABILITY PROJECTS







INDUSTRIAL CLEANING CLOTHES

Type of hazardous waste with wspecific reduction (2020 vs 2019)

136

Oil slduge -36%

Sorbents, oily foil and waste paper, cleaning cloth

Waste oil -22%

Others -45%

 Reducing the amount of hazardous waste

 Supply safe storage of oily cleaning clothes in production areas for safety workplace

 Instead of using disposable cleaning clothes we use reusable cleaning clothes

AFTER

-31%
Average percentage of reduction of hazardous waste

Bullet
implementation
of the oil sludge
filtration process.
An external
company conducts
filtration
in our plant

-26% Reduction of sludge waste Reduction of oil sludge disposal costs
 Wider representations

Wider range of waste suppliers (to dispatch easier)

Recover of oil from sludge, reused in production

 Reduction of weight of oil sludge

Recovery
of water from
the process
of abrasive
treatment needles



KRASNIK (POLAND)

137

EXAMPLES OF SUSTAINABILITY PROJECTS

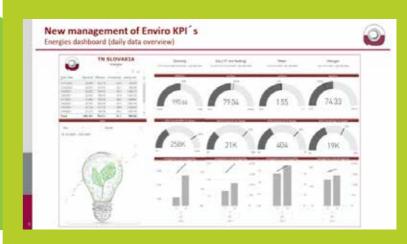






- Creation of a dashboard
- Constant check of all elements (electricity, gas, water, nitrogen)

ALL INDICATORS WERE IMPROVED



OF SUSTAINABILITY PROJECTS





Sustainability training



OKAYAMA (JAPAN)

948

days without accidents (end of Feb 2021)

RAYONG (THAILAND)

19/20/21/22/23 25/26 25/38到 連続無災害日整

年3月

李子类也

-20%

-3800

litres of reduction separating IPA from wastewater Energy saving by changing old lighting with led lights

OF SUSTAINABILITY PROJECTS

As part of our Global Quality Management System, we have created a Supply Chain Quality Manual. The Manual stipulates ethical rules, Sustainable Management Systems, and compliance with safety, health, and environmental laws that we require of our Suppliers. To maintain a Sustainable Supply Chain, we conduct regular audits of our Suppliers. In addition to audits conducted at each plant, the Global Quality Assurance Department also conducts regular audits. The Global Quality Assurance Department conducts on-site audits of particularly important suppliers, collects samples, and analyzes ingredients in laboratories.

SUSTAINABILITY AND SUPPLIERS

The results of the regular audits are disclosed to the suppliers in the form of reports, and the items pointed out and items to be corrected are confirmed together. If corrective measures are not taken, we will suspend transactions. In fiscal 2020, due to the spread of the new coronavirus infection, we were unable to conduct on-site audits, but we plan to resume them in fiscal 2021. We also conduct Surveys on the chemical content of raw materials in order to comply with the regulations on chemical substances contained in products in each region, such as the European RoHS Directive and the European REACH Regulation.

BUSINESS CONTINUITY PLAN'S INITIATIVES IN THE SUPPLY CHAIN

To ensure that the Group is able to fulfill its supply responsibilities even in the event of a disaster or conflict, the Group has established a system in its purchasing operation rules that allows it to procure raw materials from multiple suppliers. In fiscal 2020, plants in various regions experienced lockdowns to prevent the spread of the new coronavirus infection and suspended operations due to government orders. In addition, we were able to adjust inventory levels and cooperate with suppliers who were able to operate.



COMPLIANCE AND ENVIRONMENTAL LAWS AND REGULATION

THE GROUP REPORTED ZERO VIOLATIONS OF ENVIRONMENTAL LAWS AND REGULATIONS IN FISCAL 2020

Measures against environmental pollutants – Japan - Katsuragi

In December 2018, a survey by Nara Prefecture detected trichloroethylene and other substances exceeding environmental standards in groundwater at the Katsuragi Plant site. The Katsuragi Plant had previously used trichloroethylene in its manufacturing process, and since it was found to exceed the environmental standards for sewage water in a voluntary survey conducted between 2006 and 2008, the plant has been continuously purifying and monitoring the water by installing pumping wells and contaminated water treatment equipment on the premises to prevent external leakage. Although there was no obligation to measure and report on underground water, we have continued to conduct water intake surveys from observation wells and borehole investigations and have made efforts to prevent underground water contamination by utilizing facilities such as cleaning equipment and wells and have also eliminated the use of trichloroethylene in October 2020.

In response to the detection of trichloroethylene, we are also checking the situation at each plant in Japan and taking appropriate measures.

GRI STANDARD DISCLOSURE **GRI 101: Foundation 2016 General Disclosures** Organization profile 102-1 Name of the organization 102-2 Activities, brands, products and services **102-3 Location of headquarters 102-4 Location of operations** 102-5 Ownership and legal form 102-6 Markers served **102-7 Scale of the organization GRI 102:** 102-8 Information on employees and other workers **General Disclosures** 2016 102-9 Supply chain 102-10 Significant changes to the organization and its supply chain **102-11 Precautionary Principle or approach 102-12 External initiatives** 102-13 Membership of associations

ESG REPORT 2020 • TSUBAKI NAKASHIMA

CHAPTER	PAGE
History	8 - 9
Products, Applications	48 - 59
Global Presence, True Numbers	10 - 15
Global Presence, True Numbers	10 - 15
Organizational Chart	15 - 17
Products, Applications	48 - 59
Company, Structure, Quality, Our Commitment to People	16, 17, 26 - 41, 60 - 69, 74 - 93
Our Commitment to People	74 - 93
Sustainability and Suppliers	141
History, Improving and Never Stopping, Sustainability and Suppliers	6, 7, 8, 9, 141
Vision and Management principles, Culture, ethics and values	18 - 25
International events and participation in external initiatives	104 - 109
International events and participation in external initiatives	104 - 109

147

GRI 101: Foundation 2016 General Disclosures Strategy 102-14 Statement from senior decision-maker 102-15 Key impacts, risks, and opportunities Ethics and integrity 102-16 Values, principles, standards and norms of behaviour 102-17 Mechanism fro advice and concerns about ethics Governance 102-18 Governance structure 102-19 Delegating authority 102-20 Executive-level responsibility for economic, environmental, and social topics 102-21 Consulting stakeholders on economic, environmental, and social topics 102-22 Composition of the highest governance body and its committee and social topics 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body				GRI STANDARD	DISCLOSURE	
Ethics and integrity 102-16 Values, principles, standards and norms of behaviour 102-17 Mechanism fro advice and concerns about ethics Governance 102-18 Governance structure 102-19 Delegating authority 102-20 Executive-level responsibility for economic, environmental, and social topics 102-21 Consulting stakeholders on economic, environmental, and social topics 102-22 Composition of the highest governance body and its committee and social topics 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body		BAKI NAKA HIMA				
Ethics and integrity 102-16 Values, principles, standards and norms of behaviour 102-17 Mechanism fro advice and concerns about ethics Governance 102-18 Governance structure 102-19 Delegating authority 102-20 Executive-level responsibility for economic, environmental, and social topics 102-21 Consulting stakeholders on economic, environmental, and social topics 102-22 Composition of the highest governance body and its committed and social topics 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body			Strategy	102-14 Statement from se	nior decision-maker	
Governance 102-18 Governance structure 102-19 Delegating authority 102-20 Executive-level responsibility for economic, environmental, and social topics 102-21 Consulting stakeholders on economic, environmental, and social topics 102-22 Composition of the highest governance body and its committee and social topics 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body				102-15 Key impacts, risks	, and opportunities	
Governance 102-18 Governance structure 102-19 Delegating authority 102-20 Executive-level responsibility for economic, environmental, and social topics 102-21 Consulting stakeholders on economic, environmental, and social topics 2016 102-22 Composition of the highest governance body and its committee and social topics 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body			Ethics and integrity	102-16 Values, principles,	standards and norms of behaviour	
102-19 Delegating authority 102-20 Executive-level responsibility for economic, environmental, and social topics 102-21 Consulting stakeholders on economic, environmental, and social topics 2016 102-22 Composition of the highest governance body and its committee and social topics 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body				102-17 Mechanism fro adv	vice and concerns about ethics	
102-20 Executive-level responsibility for economic, environmental, and social topics GRI 102: 102-21 Consulting stakeholders on economic, environmental, and social topics 2016 102-22 Composition of the highest governance body and its committee 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body			Governance	102-18 Governance struct	ure	
GRI 102: General Disclosures 2016 102-21 Consulting stakeholders on economic, environmental, and social topics 102-22 Composition of the highest governance body and its committee 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body				102-19 Delegating authori	ty	
3 General Disclosures 2016 102-22 Composition of the highest governance body and its committee 102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body					sponsibility for economic, environmental,	
102-23 Chair of the highest governance body 102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body			es		olders on economic, environmental,	
102-24 Nominating and selecting the highest governance body 102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body	2016			102-22 Composition of the	highest governance body and its committe	es
102-26 Role of highest governance body in setting purpose, values, and strategy 102-27 Collective knowledge of highest governance body				102-23 Chair of the highes	t governance body	
values, and strategy 102-27 Collective knowledge of highest governance body				102-24 Nominating and se	lecting the highest governance body	
ASH					vernance body in setting purpose,	
				102-27 Collective knowled	lge of highest governance body	
102-28 Evaluating the highest governance body's performance				102-28 Evaluating the high	nest governance body's performance	

ESG REPORT 2020 • TSUBAKI NAKASHIMA

CHAPTER	PAGE
CEO Letter	4 - 5
SWOT Analysis, Context	42 - 45
Vision, Mission and Management principles, Corporate Social Responsibility	18 - 25, 26 - 41
Vision, Mission and Management principles, Corporate Social Responsibility	18 - 25, 26 - 41
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31

149

					GRI STANDARD	DISCLOSURE	
		IKI NAKA		01: Foundation ral Disclosures	2016		
				Governance	102-29 Identifying and ma and social impacts	anaging economic, environmental,	
					102-30 Effectiveness of ris	sk management processes	
					102-31 Review of econom	ic, environmental, and social topics	
					102-32 Highest governanc	ce body's role in sustainability report	ing
					102-33 Communicating cr	ritical concerns	
					102-34 Nature and total n	umber of critical concerns	
					102-35 Remuneration poli	icies	
150	GRI 102: General	: Disclosures			102-36 Process for detern	nining remuneration	
	2016	Stake	holder	engagement	102-40 List of stakeholder	r groups	
					102-41 Collective bargain	ing agreements	
					102-42 Identifying and sel	lecting stakeholders	
					102-43 Approach to stake	holder engagement	
					102-44 Key topics and cor	ncerns raised	

ESG REPORT 2020 • TSUBAKI NAKASHIMA

CHAPTER	PAGE
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards	25 - 29, 30 - 31
Corporate Governance, CSR and International Standards, GSS	27 - 29, 30 - 41, 94, 95
Corporate Governance, CSR and International Standards, GSS	27 - 29, 30 - 41, 94, 95
Stakeholders	46 - 47
Compliance	142
Our Commitment to People	74 - 93
Our Commitment to People	74 - 93
Stakeholders	46 - 47
Corporate Governance, CSR and International Standards	25 - 29, 30 -41
Stakeholders	46 - 47
Stakeholders	46 - 47
SWOT Analysis, Context Analysis	42 - 45

151

			GRI STANDARD DISCLOSURE	ESG REPORT 2020 • TSUBAKI NAKASHIMA	
	BAKI NAKAP	Material Topics 200 series (Economi	c topics)	CHAPTER	PAGE
		Reporting practice	102-45 Entities included in the consolidated financial statements	Corporate Governance, CSR and International Standards	25 - 29, 30 - 41
			102-46 Defining report content and topic Boundariesre-	SWOT Analysis, Context Analysis	42 - 45
			102-47 List of material topics	SWOT Analysis, Context Analysis	42 - 45
	102:		102-50 Reporting period	CEO Letter, Improving and Never Stopping	4, 5, 6, 7
Gen 201	eral Disclosur 6	'es	102-51 Date of most recent report	CEO Letter, Improving and Never Stopping	4, 5, 6, 7
			102-52 Reporting cycle	CEO Letter, Improving and Never Stopping	4, 5, 6, 7
			102-53 Contact point for questions regarding the report	CEO Letter, Improving and Never Stopping	4, 5, 6, 7
			102-54 Claims of reporting in accordance with the GRI Standards	CEO Letter, Improving and Never Stopping	4, 5, 6, 7
			102-55 GRI content index	GRI content index	146 - 171
	Eco	onomic performance	103-1 Explanation of the material topic and its Boundary	SWOT Analysis, Context Analysis	42 - 45
GRI 1		oooh	103-2 The management approach and its components	History, Improving and Never Stopping, Corporate Social Responsibility, Sustainability and Suppliers, Quality, TN Atmosphere	8, 9, 6, 7, 14, 15, 26 - 41, 143, 110-117, 60, 70
2016	agement Appr	UdCII	103-3 Evaluation of the management approach	History, Improving and Never Stopping, Corporate Social Responsibility, Sustainability and Suppliers, Quality, TN Atmosphere	8, 9, 6, 7, 14, 15, 26 - 41, 143, 110-117, 60, 70
	GRI 201: Economic Pe	rformance 2016	201-1 Direct economic value generated and distributed	History, Improving and Never Stopping, Products, Applications	6, 7, 8, 9, 48-59

	GRI STANDARD DISCLOSURE	ESG REPORT 2020 • TSUBAKI NAKASHIMA	
Material Topics 200 Series (Eco		CHAPTER	PAGE
Ani Corruptio	ti- 103-1 Explanation of the material topic and its Boundary	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR	4, 5, 6, 7, 14 - 25, 26 - 41
GRI 203: Indirect Economic	103-2 The management approach and its components	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR	4, 5, 6, 7, 14 - 25, 26 - 41
Impacts 2016	103-3 Evaluation of the management approach	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR	4, 5, 6, 7, 14 - 25, 26 - 41
GRI 205:	205-1 Operations assessed for risks related to corruption	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR	4, 5, 6, 7, 14 - 25, 26 - 41
Anti-Corruption	205-2 Communication and training about anti-corruption policies and procedures	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR	4, 5, 6, 7, 14 - 25, 26 - 41
2016	205-3 Confirmed incidents of corruption and actions	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR	4, 5, 6, 7, 14 - 25, 26 - 41
Anti-Competitive Behavio	ur 103-1 Explanation of the material topic and its Boundary	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR, Stakeholders	4, 5, 6, 7, 14 - 25, 26 - 41, 46, 47
GRI 103: Management Approach	103-2 The management approach and its components	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR, Stakeholders	4, 5, 6, 7, 14 - 25, 26 - 41, 46, 47
2016	103-3 Evaluation of the management approach	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR, Stakeholders	4, 5, 6, 7, 14 - 25, 26 - 41, 46, 47
GRI 206: Anti-competitive Behaviour 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	CEO Letter, Improving and Never Stopping, Vision, Mission, Management Principles, CSR, Stakeholders	4, 5, 6, 7, 14 - 25, 26 - 41, 46, 47

157

			WIII STAILDAILD DISOLOGUILE	LOU HEI OHI 2020 * TOODAKI HAKASIIINIA	
	300 Serie	es (Environi	mental Topics)	CHAPTER	PAGE
	ASY	Energy	103-1 Explanation of the material topic and its Boundary	Context analysis, TN Atmosphere	42 - 44, 110 - 122, 130 - 140
	GRI 103: Management Approach		103-2 The management approach and its components	Context analysis, TN Atmosphere	42 - 44, 110 - 122, 130 - 140
	2016		103-3 Evaluation of the management approach	Context analysis, TN Atmosphere	42 - 44, 110 - 122, 130 - 140
			302-1 Energy consumption within the organization	TN Atmosphere, Initiatives, Energy Certifications, Examples	110 - 115, 116, 117, 118, 119, 120 - 122, 127 - 140
	RI 302:		302-2 Energy consumption outside of the organization	TN Atmosphere, Initiatives, Energy Certifications, Examples	110 - 115, 116, 117, 118, 119, 120 - 122, 127 - 140
	nergy)16		302-3 Energy intensity	TN Atmosphere, Initiatives, Energy Certifications, Examples	110 - 115, 116, 117, 118, 119, 120 - 122, 127 - 140
			302-4 Reduction of energy consumption	TN Atmosphere, Initiatives, Energy Certifications, Examples	110 - 115, 116, 117, 118, 119, 120 - 122, 127 - 140
			302-5 Reductions in energy requirements of products and services	TN Atmosphere, Initiatives, Energy Certifications, Examples	110 - 115, 116, 117, 118, 119, 120 - 122, 127 - 140
		Water	103-1 Explanation of the material topic and its Boundary	TN Atmosphere, Initiatives	110 - 115, 118, 119
	103: nagement Approach		103-2 The management approach and its components	TN Atmosphere, Initiatives	110 - 115, 118, 119
			103-3 Evaluation of the management approach	TN Atmosphere, Initiatives	110 - 115, 118, 119
	GRI 303:		303-1 Interactions with water as a shared resource	TN Atmosphere, Initiatives	110 - 115, 118, 119
	Water and Effluents 2018		303-2 Management of water discharge-related impacts	TN Atmosphere, Initiatives	110 - 115, 118, 119
	2010		303-3 Water withdrawal	TN Atmosphere, Initiatives	110 - 115, 118, 119

ESG REPORT 2020 • TSUBAKI NAKASHIMA

GRI CONTENT INDEX

DISCLOSURE

GRI STANDARD

	TSUBAKI NAKASHIMA TSUP ASHIMA TSUBAKI J	GRI STANDARD DISCLOSURE	ESG REPORT 2020 • TSUBAKI NAKASHIMA	ASHIMA TSUBAKI NAKASHIMA TSUBAKI AKASHIMA TSUBAKI NAKASHIMA
	300 Series (Environr	mental Topics)	CHAPTER	PAGE
	GRI 303: Water	303-4 Water discharge	TN Atmosphere, Initiatives	110 - 115, 118, 119
	Water and Effluents 2018	303-5 Water consumption	TN Atmosphere, Initiatives	110 - 115, 118, 119
	Emissions CPU 100	103-1 Explanation of the material topic and its Boundary	TN Atmosphere, Initiatives	110 - 115, 118, 119
	GRI 103: Management Approach	103-2 The management approach and its components	TN Atmosphere, Initiatives	110 - 115, 118, 119
	2016	103-3 Evaluation of the management approach	TN Atmosphere, Initiatives	110 - 115, 118, 119
		305-1 Direct (Scope 1) GHG emissions	TN Atmosphere, Initiatives	110 - 115, 118, 119
		305-2 Energy indirect (Scope 2) GHG emissions	TN Atmosphere, Initiatives	110 - 115, 118, 119
		305-3 Other indirect (Scope 3) GHG emissions	TN Atmosphere, Initiatives	110 - 115, 118, 119 161
E	RI 305: missions	305-4 GHG emissions intensity	TN Atmosphere, Initiatives	110 - 115, 118, 119
2016	016	305-5 Reduction of GHG emissions	TN Atmosphere, Initiatives	110 - 115, 118, 119
		305-6 Emissions of ozone-depleting substances (ODS)	TN Atmosphere, Initiatives	110 - 115, 118, 119
		305-7 Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	TN Atmosphere, Initiatives	110 - 115, 118, 119
				SHIMA
				ASIIBAKI

	GRI STANDARD DISCLOSURE	ESG REPORT 2020 • TSUBAKI NAKASHIMA	
300 Series (Envir	onmental Topics)	CHAPTER	PAGE SIRAKI NAKASHINA TSUBAK
Effluents and Wast	103-1 Explanation of the material topic and its Boundary	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
GRI 103: Management Approach	103-2 The management approach and its components	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
2016	103-3 Evaluation of the management approach	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
	306-1 Water discharge by quality and destination	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
GRI 306: Effluents and Waste	306-2 Waste by type and disposal method	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
2016	306-3 Significant spills	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
	306-4 Transport of hazardous waste	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
2	306-5 Water bodies affected by water discharges and/or runoff	TN Atmosphere, Initiatives, Wastes and others	110 - 115, 118, 119, 123 - 125
Environmental Compliance	103-1 Explanation of the material topic and its Boundary	TN Atmosphere	110 - 115
GRI 103: Management Approach	103-2 The management approach and its components	TN Atmosphere	110 - 115
2016	103-3 Evaluation of the management approach	TN Atmosphere	110 - 115
GRI 307: Environmental Compliance 2018	307-1 Non-compliance with environmental laws and regulations	Compliance	144
2010			

Our Commitment to People, Occupational Safety & Health

74 - 93

GRI CONTENT INDEX

403-2 Hazard identification, risk assessment, and incident investigation

2018

GRI STANDARD DISCLOSURE ESG REPORT 2020 • TSUBAKI NAKASHIMA **400 Series (Social Topics) CHAPTER** PAGE Occupational Health & Safety 403-3 Occupational health services Our Commitment to People, Occupational Health and Safety 74 - 93 403-4 Worker participation, consultation, and communication Our Commitment to People, Occupational Health and Safety 74 - 93 on occupational health and safety 403-5 Worker training on occupational health and safety Our Commitment to People, Occupational Health and Safety 74 - 93 403-6 Promotion of worker health Our Commitment to People, Occupational Health and Safety 74 - 93 **GRI 403: Occupational Helath & Safety** 403-7 Prevention and mitigation of occupational health and safety impacts Our Commitment to People, Occupational Health and Safety 74 - 93 directly linked by business relationships 403-8 Workers covered by an occupational health and safety Our Commitment to People, Occupational Health and Safety 74 - 93 management system 403-9 Work-related injuries Our Commitment to People, Occupational Health and Safety 74 - 93 403-10 Work-related ill health Our Commitment to People, Occupational Health and Safety 74 - 93 167 **Training and education** 103-1 Explanation of the material topic and its Boundary 78 - 86 People Development, Talents GRI 103: 103-2 The management approach and its components 78 - 86 People Development, Talents **Management Approach** 2016 103-3 Evaluation of the management approach People Development, Talents 78 - 86 78 - 86 404-1 Average hours of training per year per employee People Development, Talents GRI 404: 404-2 Programs for upgrading employee skills **Training and Education** 78 - 86 People Development, Talents and transition assistance programs 2016 404-3 Percentage of employees receiving regular performance 78 - 86 People Development, Talents and career development reviews

GRI CONTENT INDEX

166

GRI 408:

Freedom of Association and Collective Bargaing ù2016

ESG REPORT 2020 • TSUBAKI NAKASHIMA

CUADTED

CHAPTER	PAGE
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93

169

GRI CONTENT INDEX

407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk

400 Series (Social Topics)

ESG REPORT 2020 • TSUBAKI NAKASHIMA

Child Labour 103-1 Explanation of the material topic and its Boundary **GRI 103: 103-2** The management approach and its components **Management Approach** 2016 **103-3 Evaluation of the management approach** 408-1 Operations and suppliers at significant risk GRI 408: Child Labour 2016 for incidents of child labor 103-1 Explanation of the material topic and its Boundary **Forced or Compulsory Labour** GRI 103: **103-2** The management approach and its components **Management Approach** 2016 **103-3 Evaluation of the management approach** 409-1 Operations and suppliers at significant risk **GRI 409: Forced or Compulsory Labour 2016** for incidents of forced or compulsory labor **Local Communities** 103-1 Explanation of the material topic and its Boundary **GRI 103:** 103-2 The management approach and its components **Management Approach** 103-3 Evaluation of the management approach 2016 413-1 Operations with local community engagement, GRI 413: impact assessments, and development programs **Local Communities** 413-2 Operations with significant actual 2016 and potential negative impacts on local communities

CHAPTER	PAGE
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
CEO letter, History, Improving and never stopping, Vision, Mission and Management Principles, CSR, Our Commitment to People	4, 5, 6, 7 18 - 25,
Stakeholders - Context analysis	42 - 47
Corporate Governance, CSR and International Standards, Our Commitment to People, Response to the coronavirus pandemic - Corporate Citizen	4, 5, 6, 7 18 - 25,
Corporate Governance, CSR and International Standards, Our Commitment to People, Response to the coronavirus pandemic - Corporate Citizen	4, 5, 6, 7 18 - 25,
Corporate Governance, CSR and International Standards, Our Commitment to People, Response to the coronavirus pandemic - Corporate Citizen	4, 5, 6, 7 18 - 25,
Response to the coronavirus - Corporate Citizen	70 - 73

4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25. 26 - 41. 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 18 - 25. 26 - 41. 74 - 93

4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 42 - 47 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 4, 5, 6, 7, 8, 9, 14, 15, 16, 17, 18 - 25, 26 - 41, 74 - 93 70 - 73

171

GRI STANDARD DISCLOSURE **400 Series (Social Topics)** Socioeconomic Compliance 103-1 Explanation of the material topic and its Boundary **GRI 103:** 103-2 The management approach and its components **Management Approach** 2016 **103-3 Evaluation of the management approach** 419-1 Non-compliance with laws and regulations in the social and economic area **GRI 419: Socioeconomic Compliance 2016**

168

ESG REPORT 2020 • TSUBAKI NAKASHIMA

CHAPTER	PAGE
Stakeholders - Context analysis	42 - 47
CSR and International Standards, Our Committment to People	25 - 41, 74 - 93
CSR and International Standards, Our Committment to People	25 - 41, 74 - 93
Compliance	144

169

The graphic design and the graphic development of the contents in this publication were thought and created by Mario Bois, Italian eclectic artist, that expresses his creativity in different fields working as: graphic designer journalist, actor in theatre and film industry, director, author and poet.

He really enjouyed to convey creative energy to give birth to a new perception of common, shared business contents.





