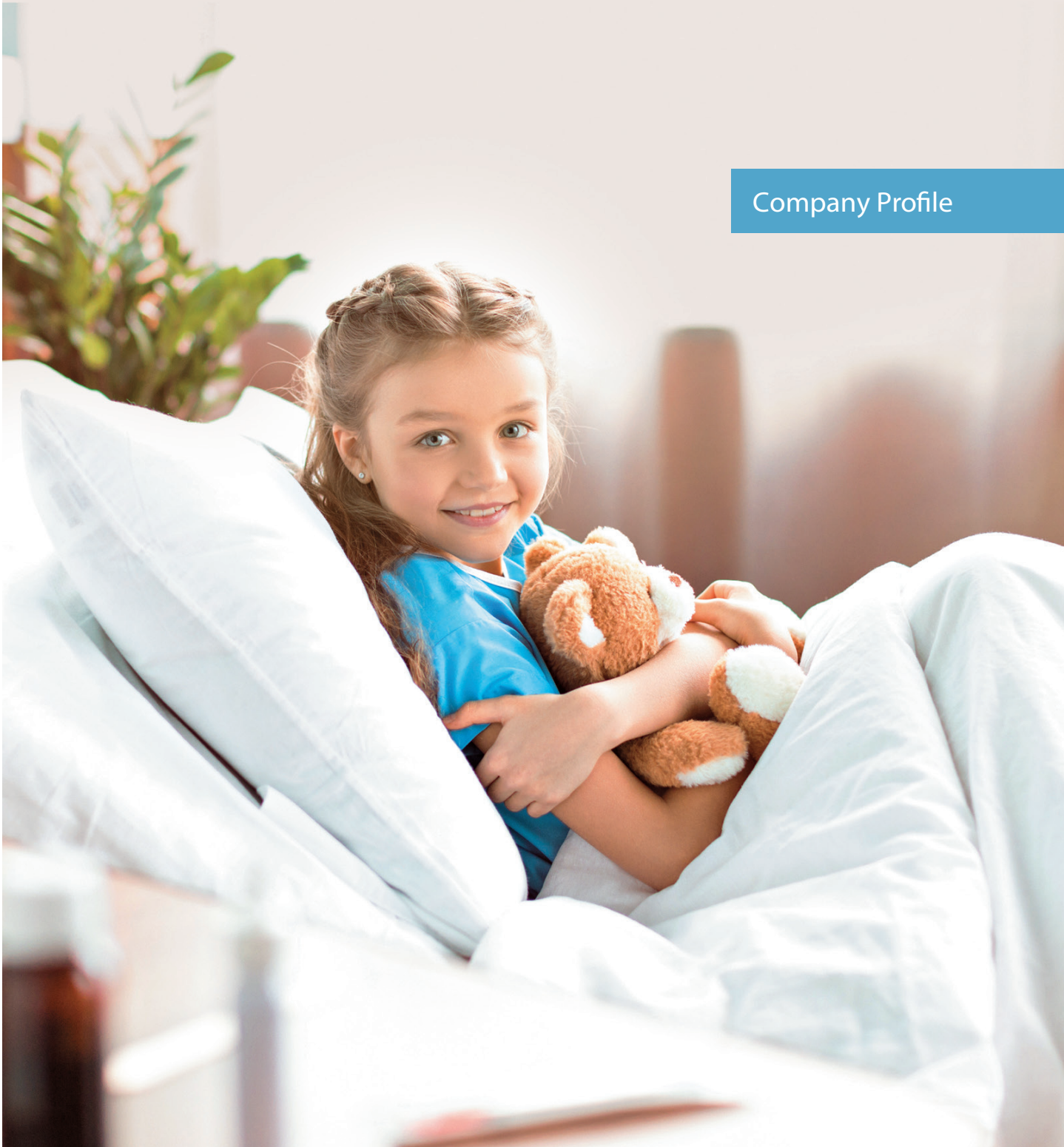




SHIGADRY WITH EARTH CO.
Research.Innovation.Consulting

Company Profile



Vision

Committed towards the wellbeing of our People and Planet

Mission

Research
Innovate
Consult

Values

Integrity
Commitment
Persistence
Ethics



Corporate Philosophy



With a history which dates to 1966, the Shigadry Group of Japan is a leading technology research and innovations specialist developing products for the healthcare sector and for advancing clean environment management practices. Operating on a three-tier charter which ensures focused efforts for the improvement of the quality of life of the world's population, the Group has developed a long-standing reputation as a specialist in medical and healthcare sectors.

Key Highlights

WORLD'S FIRST

MRSA certified hospital mattress

Non-Alcoholic multi-purpose antimicrobial

Carbon negative product concept

Specialised Product Range

- Ground-breaking portfolio of innovative products backed by eminent research specialist to enhance the quality of lives of the world's population
- Offers a versatile product range to cater to a multitude of life-cycles ranging from infancy to old age, as well a range of discerning medical needs and wellness aspirations.

Track Record

- Over 50 years experience and reputation in the Japanese market with a proven record of business success
- Over two decades of successful Innovations in infection control

Research & Innovation

- Three first of its kind concepts developed through extensive research and testing, verified through leading testing institutions & regulatory standards in Japan.
 - Infection Control
 - Body weight distribution and pressure ulcer prevention
 - Climate change and carbon management

Research and Development

Backing our promise with innovation, research and testing.



Our products are tested by both Japanese and other international institutes and testing facilities to ensure they surpass the requirements for a range of acceptable tests as well as requirements as set out by industry regulators.

Research and development are the backbone of Shigadry's business model.

We work on innovative products and our expert scientists and researchers develop new methodologies and processes which allow the company to develop products which are greener and healthier for both people and the planet.

Our research success stories have been converted to and incorporated within our key products thereby enabling a wide array of practical applications for use in people's daily lives.

We test our products at state - of - the - art microbiology labs in Japan.

Research and Testing Institutions



Infection Control	Body weight distribution and pressure ulcer prevention	Climate change and carbon management
our research on infection control resulted in various concepts with the most successful applications being derived as products which control the spread of MRSA infection in hospitals .	Our research on body weight distribution and pressure ulcer prevention resulted in the creation of the ultimate mattress which can be used "both for ultra-comfort and most effective patient care .	Our discovery that latex is highly CO ₂ absorbent in its natural use has resulted in a new perspective when developing Shigadry products. By using Natural Latex products, the company promotes Carbon absorption from the atmosphere as when more people buy such products, it will automatically promote planting and growth of rubber trees which will absorb CO ₂ , thereby contributing positively to negating the effects of climate change.

Intellectual Property

- Japan Patent Office (JPO), Infection Control, Antiviral, Antibacterial – April, 2012
- United States Copyrights Office, Climate Friendly Consumerism – December, 2009
- United States Copyrights Office, Carbon Negative Product & Climate Change – December, 2007
- Sri Lanka National Intellectual Property Office (NIPO), Therapeutic Effects in Bedding – September, 2005
- Sri Lanka National Intellectual Property Office (NIPO), Therapeutic Effects in Bedding – October, 2005
- World Intellectual Property Office (WIPO), Improved Medical Bedding – January, 2001
- Japan Patent Office (JPO), Pressure Ulcer Prevention & Therapeutic – March, 1999
- Japan Patent Office (JPO), Pressure Ulcer Prevention in Medical Bedding – April, 1999
- Japan Patent Office (JPO), Infection Control in Medical Bedding – March, 1998

Testing & Verification

Antiviral/Anti-Bacterial Evaluation,

- Tottori University, Faculty of Agriculture
- Kyoto Sangyo University, Bird Flu Research Centre
- Japan Food Research Laboratories
- National Institute of Agriculture and Food Industry Research Organization
- Foundation of Kitazato Environmental Science Centre
- General Research Foundation Kaken Test Centre
- Boken Quality Evaluation Institute
- Kitasato Research Centre for Environmental Science
- Avian Influenza Research Centre, Institute of Advance Technology, Kyoto Sangyo University

De odorant Evaluation

- Japan Food Analysis Centre, General Foundation

Safety Evaluation (Oral Toxicity, Eye Irritation, Skin Irritation, Sensitization and Allergy Reactions)

- Japan Food Research Laboratories Foundation, Tama Research Examination Institute
- Japan Food Research Laboratories Foundation, Chitose Research Institute
- ISO Certified, Independent, Third Party Laboratories, USA

General Evaluation

- Other tests pertaining to the international Sleep Products Association (ISPA)

FLAGSHIP PRODUCT



ABSOLUTE HEALTH CARE MATTRESS

An absolute hygiene absolute comfort mattress designed, developed and tested in Japan to meet the high standards purported by the company and the Japanese healthcare sector. This product has been successfully sold and used by Japanese consumers for over 20 years.

Trusted and used by **1,600** hospitals all over Japan

Over **150,000** units being used to date

HYGIENE INFECTION CONTROL

The World's First MRSA Tested Mattress

- Air / water impermeability
- Anti permeability to bacteria, pus, humor, blood and urine
- Anti bacterial effect
- Deodorizing effect
- Daily hygiene environment help to reduce workload, increase efficiency and improve quality of life for residents/Patients

Key Features

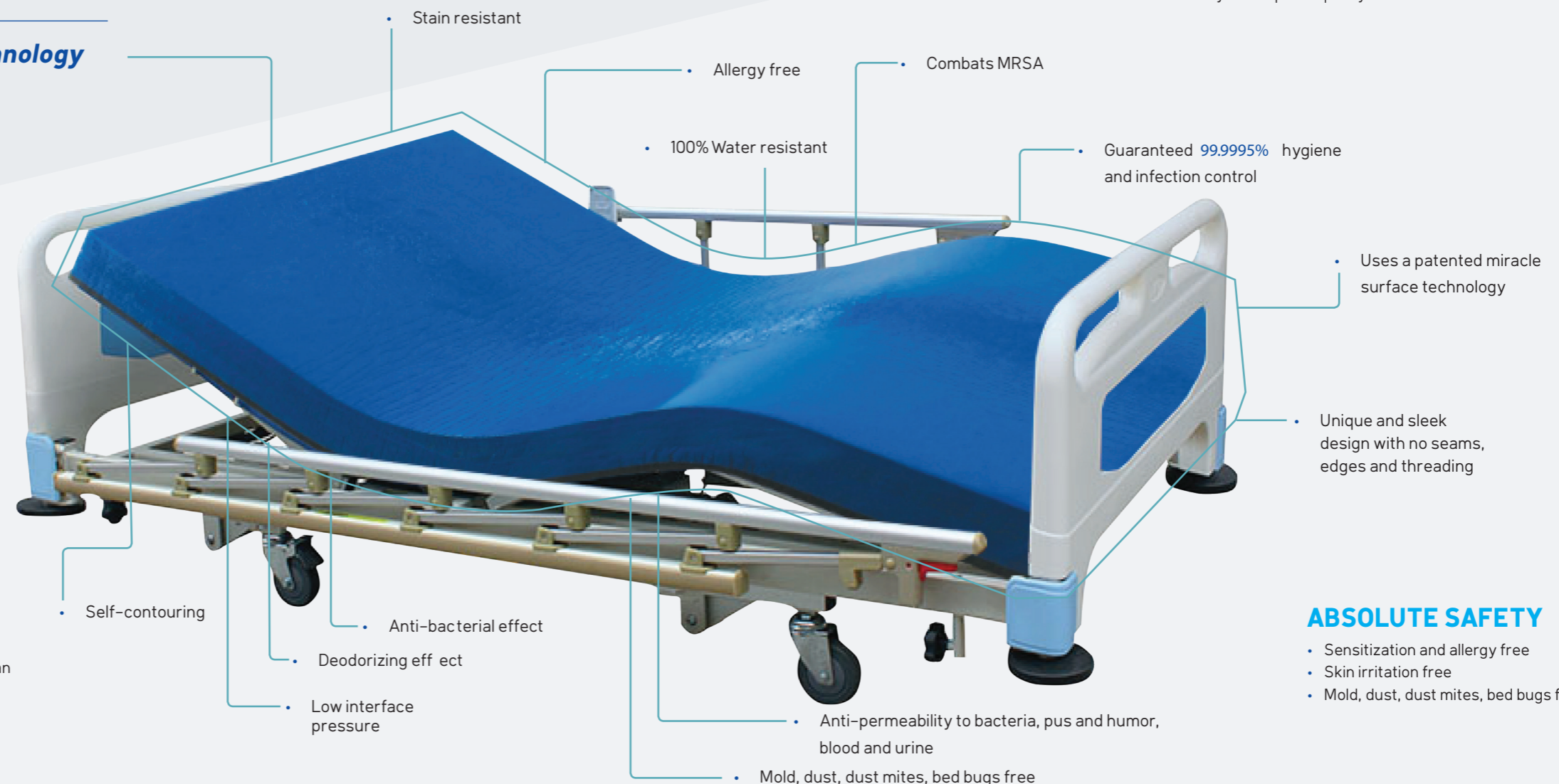
Patented Miracle Surface Technology

ULTIMATE COMFORT

- Ergonomically design ed specially selected foam
- Less body movement while sleeping
- Improved parasympathetic activity (Autonomic Nervous System)
- Less contact pressure
- Improved blood flow
- Elevated skin temperature
- Safe even against shear stress and tissue tear
- Bed sore prevention
- Ideal for adjustable bed

EASY MAINTENANCE

- 100% W aterproof
- Stain free
- Resilience to hot water
- Resilience to alcohol and detergents
- Quick and eas y bed preparation
- Improved patient turn around
- There are no seams or zippers which offers advantages in terms of not breeding bacteria and its hygienic and clean
- Top surface is of high friction material to prevent patients from slipping when the beds are inclined.
- Bottom has lesser friction for the ease of handling the mattress on the bed.



ABSOLUTE SAFETY

- Sensitization and allergy free
- Skin irritation free
- Mold, dust, dust mites, bed bugs free



All our products are manufactured to the highest quality standards aligned to the Japanese Industrial Standard (JIS)

CE Superflex is entered in the ARTG, 316892
(Australian Register of Therapeutic Goods)

Other Products



100% Natural Ingredients | 100% Safe

ViroCare (GZ08) is an environmentally friendly Disinfectant solution that has been clinically proven to effectively combat infections and eliminate viruses and bacteria.

- ✓ Hygienic
- ✓ Anti-Viral
- ✓ Anti-Bacterial
- ✓ Organic
- ✓ Safe
- ✓ Non Alcoholic
- ✓ Non Toxic
- ✓ Deodorizing effect



SAFE

THERE IS NO SUBSTITUTE FOR GOOD HYGIENE

- Test and validated to Japanese standards
- Proven effective against
 - Influenza A Virus (H1N1 Swine flu)
 - Influenza Virus (H5N3 Bird flu)
- Harmless on the human body
- No oral toxicity
- No eye irritation
- No Skin irritation
- Environment friendly organic (no alcohol content)

99.9999%
Hygiene
Infection Control

The Anti-Virus effect

Based on new research from Japan on how to counter influenza, the new patented VIROCARE GZ-08 solution is acknowledged for effectiveness on decreasing the infective rate of all viral infections by 99.9999%. It is widely applicable to various virus types.



ViroCare Mask



ViroCare Air Sanitizer



ViroCare Wipes



ViroCare Spray

Qualified safety

Japan Food Research Laboratories

- Does not cause irritation to the eyes
- Does not cause allergic reactions to the skin
- Harmless if ingested
- Does not cause genetic variation

The Anti-bacterial effect

In addition to the anti-viral effects, The VIROCARE GZ08 has also been tested for its effects against bacteria using the JSTIIF (Japan Synthetic Textile Inspection Institute Foundation) anti-bacterial test. The lower the PPM level the stronger the disinfectant characteristic.

Cotton-Gz™

"A Gift of Comfort and Protection"



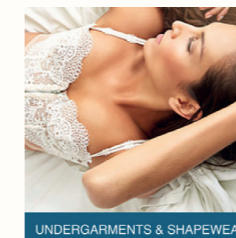
Anti-Bacterial Fabric Holds Promise For Fighting Superbug (MRSA)

Wish to save lives and spare the misery of millions of patients plagued by hospital acquired infections

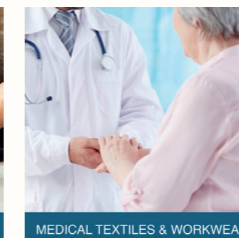
Developed by Shigadry With Earth Japan Nano Textile has invented a technology capable of making cotton fabric very effective against Bacteria. The technology prevents bacteria growth on natural Cotton fabric, which helps prevent the spread of infections acquired in hospitals and reduces cross-contamination between medical staff and patients.

Withstand up to 365 wash cycles.
Bacterial reduction rate = 99.9998%

A P P L I C A T I O N S



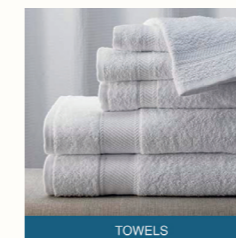
UNDERGARMENTS & SHAPEWEAR



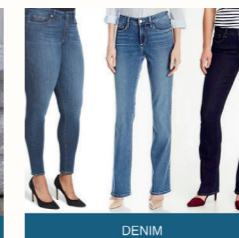
MEDICAL TEXTILES & WORKWEAR



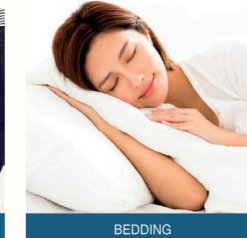
ACTIVEWEAR



TOWELS



DENIM



BEDDING

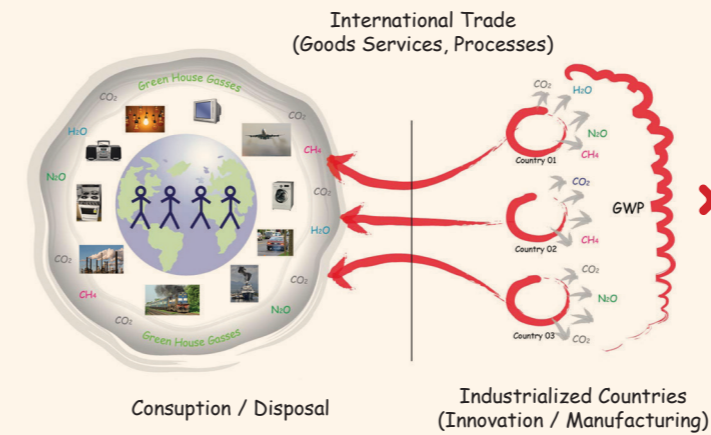


A novel approach towards empowering the Consumer and accelerate Global action on Climate Change and Circular Economy.



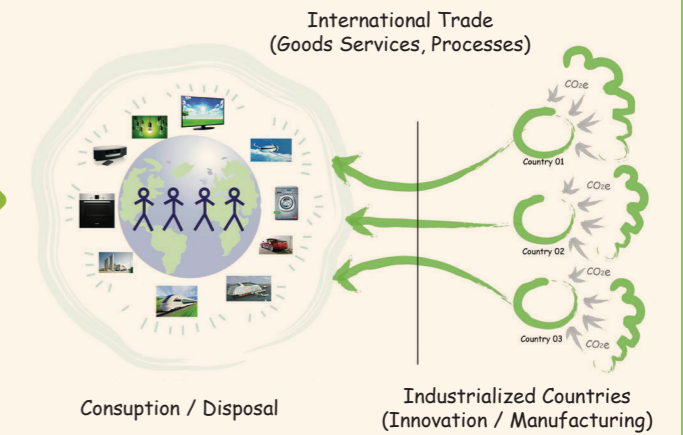
PRESENT

Climate Change = Human Consumption of Traditional Goods and Services



FUTURE

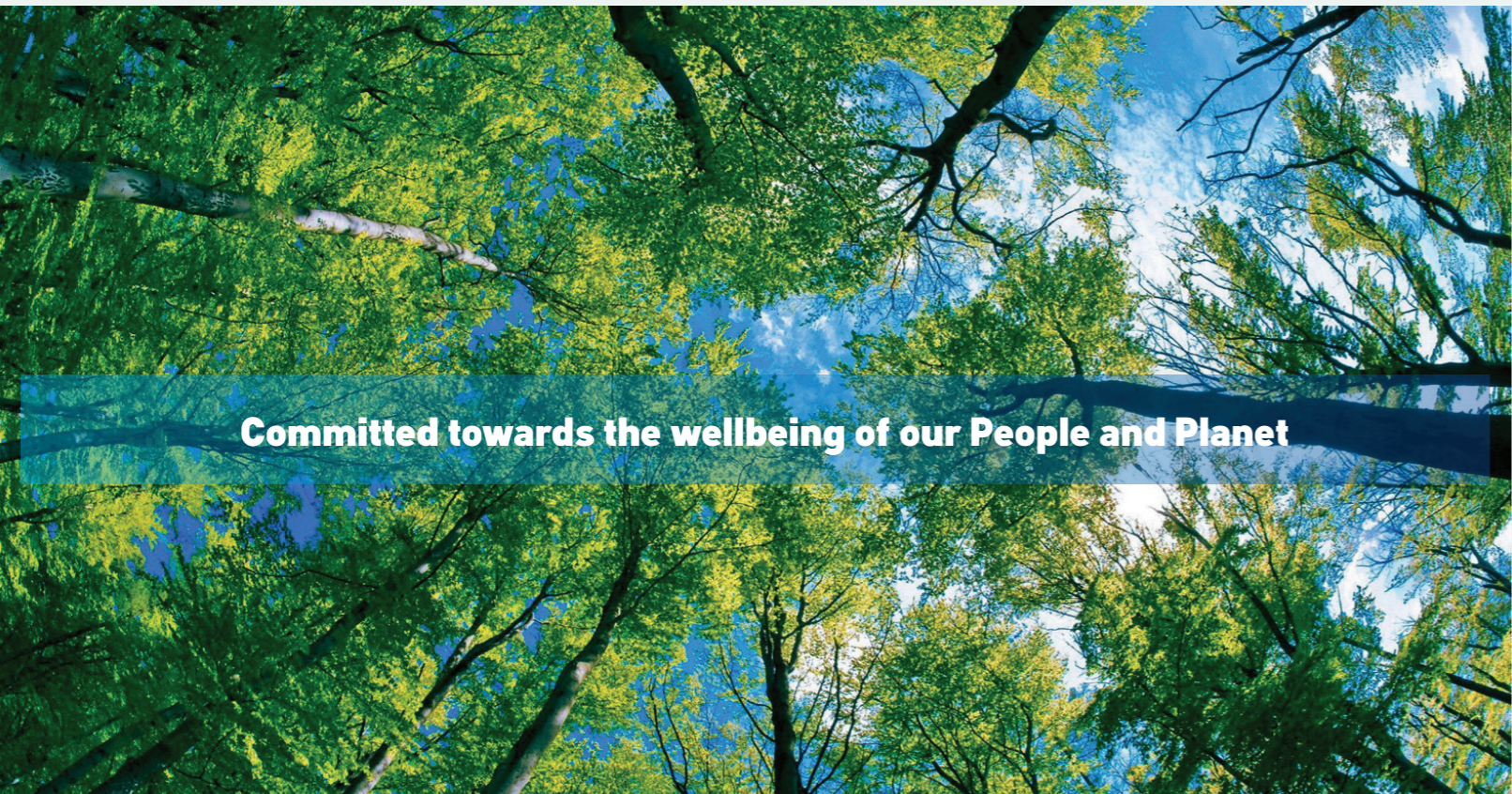
Climate Change Mitigation = Human Consumption of Carbon Negative Goods and Services



- Excessive consumption of traditional Goods and Services (Products) has rapidly increased the rate of release of Greenhouse gas emissions, much beyond the earth's natural absorption capabilities.
- "carbon neutral" approach will not suffice to achieve significant impact on reducing atmospheric carbon.

- Shigadry With Earth Company's strategy goes beyond the current trends of carbon offsetting and inspires innovation to re-engineer carbon reduction through consumption at the consumer touch-point.
- "Carbon Negative Product Strategy" is to facilitate organizations to focus effort on re-engineering their Product offerings and empower the discerning consumer to decarbonize the world.
- Shigadry With Earth Co.'s copyrighted concepts and model benchmark provide methods and tools to facilitate this strategy and enable organizations to rapidly engage with the growing circular economy.

- Over 10 years scientific work lead by Shigadry With Earth Co. Research Team with significant institutional support from Academia, Governments, and Expert Consultants.
- 2 copyrights with 6 methodologies captured in the USA Register of Copyrights
- The Carbon Negative Product ©, 2007
- The Universal Product Emission Grid & Registry ©, 2009
- Numerous endorsements from around the Globe including organizations leading global CO₂ agenda.



Committed towards the wellbeing of our People and Planet

Climate change and carbon management

Our Discovery that latex through the Rubber tree is highly CO₂ absorbent in its natural use has resulted in a new perspective when developing Shigadry products. By using Natural Latex products, the company promotes Carbon absorption from the atmosphere as when more people buy such products, it will automatically promote planting and growth of rubber trees which will absorb much more CO₂, thereby contributing positively to negating the effects of climate change.

We have verified our Greenhouse Gas Inventory in our manufacturing processes confirming to ISO 14064-1 and verified that a 100% natural latex solution is indeed a valuable Carbon Negative proposition



We make green and Eco-conscious mattresses and bedding. Our materials include OEKO-TEX® organic certified materials. Our distinct value is in developing luxurious bedding and sleeping solutions with constant emphasis to environment protection and sustainability.

Our mission is to provide you and your family a healthy sleep environment while promoting sustainability and social responsibility.



Transforming nature's gift into the most natural material inside mattresses, mattress toppers, and pillows.

Natural latex offers several outstanding advantages. It feels very soft, giving you a pleasant, comfortable feeling. This material is very elastic and flexible. Consequently, a natural latex mattress helps the body when tossing and turning, while optimally supporting the body during sleep. Natural latex also ensures excellent ventilation, so that surplus moisture is easily discharged. Last but not least, research has shown that natural latex gives bacteria, fungi and house dust mite no chance.



Mother Nature's best kept secret



Shigadry Group Strength

The Shigadry Group of Japan operates through diversified independent businesses including Shigadry With Earth Company and Comfort World International (Pvt) Ltd. Further, we also partner with other innovative and internationally renowned brands to provide unique and strategic solutions to various markets.

We have amongst them exclusive manufacturing franchises for SERTA, USA (renowned as the world's number one mattress brand) and Spring Air, USA and distributorship for Protect-A-Bed, USA. These relationships are continually enhanced by combining incumbent technology and research skills and our widespread business networks across various projects in diversified domains.

With proven commercial success and our flagship innovations the Shigadry Group continues to pursue and make waves with our research, technology adaptations and business development. Together with our vast knowledge repository, experienced senior management team and a culture built on innovation, the Group is confident of delivering highly innovative and effective solutions to meet global challenges of today and tomorrow.



INTRODUCTION TO SUSTAINABLE DEVELOPMENT GOALS (SDG) (As stated in the UN official guideline)

The Member States of the United Nations adopted the Sustainable Development Goals (SDGs) by General Assembly resolution A/RES/70/1 of 25 September 2015. The aim of this resolution is to achieve these 17 goals by 2030 with a view towards ending all forms of poverty, fighting inequalities and tackling climate change while ensuring that no one is left behind.



SHIGADRY'S TRUE LEADERSHIP TOWARDS SUSTAINABLE DEVELOPMENT GOALS

With over 50 years of Research, Innovation and Knowhow Shigadry With Earth Co. has developed a range of Industry leading Products and Concepts with Sustainability at Heart. Reflected from our Vision "Committed Towards the Well Being of our People and Planet" Shigadry's efforts are exemplary since Sustainable Innovation is embedded in the core of its Product strategy whilst maintaining industry leadership in value contribution. Valiant efforts have been applied through decades of research, testing and verification to ensure maximum use of Natural materials and minimum impact to the Environment throughout the Product Life Cycles (LCA). The results have been outstanding and outweighs by far most of its competition. We are proud to say that we are amongst one of the few Companies in the World that can directly correlate its Products with Specific Sustainable Development Goals (SDG) and are even more enthused to mention the fact that these are trend setters towards a Global Trading model that is truly Sustainable. The use of Shigadry With Earth's range of Products not only enhances Corporate Stewardship but greatly enhances the National Commitments on Sustainable Development Goals (SDGs) in the respective markets.

"Sustainability is at the heart of our innovations"



3

Shigadry With Earth's pioneering work on Infection Control and Bedsores Reduction has resulted in effectively minimizing the impact of secondary infections and pain relief especially in the Health Care sector. The most feared MRSA infection along with a broad spectrum of Viruses and Bacteria can easily be controlled with nontoxic non-irritant and harmless solutions. The most common but very irritating Bedsores (pressure ulcers) that are prone to suffering can also be well prevented and managed with non-powered and most natural means. The use of Shigadry With Earth's Product line has especially proven to make Hospital stays a more pleasant and comfortable one.



9

Both GZ-08™ (World's first nonalcoholic wide spectrum antimicrobial) and Super-flex™ (world's first MRSA tested absolute healthcare mattress) was first of its kind in their respective fields contributing innovatively to the Health Care industry. The Product line has the potential to revolutionize the Health Care industry using ingredients that are most Natural and Sustainable.



12

Both GZ-08™ and Super-flex™ incorporates almost 99% Natural materials and Food Grade minerals giving the consumer a powerful choice for responsible consumption. The consumption of GZ-08™ product range and Super-flex™ product range can easily replace many harmful substances that are usually in competitive products. Most areas of our production do not require intense energy use nor produce toxic waste. In specific areas where energy has to be employed, we have mapped our Greenhouse Gas Inventory to the ISO 14064 standard and have even mapped our Carbon Foot Print to the level of the Product, driving consistent effort towards responsible production.



13

Super-flex™ is the World's First Direct Carbon Negative Product (copyrights reserved, 2007). We were the first to exemplify Carbon sinking at the commodity level through an actual Product without engaging indirect offsets. This is a powerful global strategy where we can engage the power of Global consumption for rapid Climate Action. Through our work over 10 years we have termed this "Climate Friendly Consumerism". We have also developed a concept called Product Emission Grid (copyrights reserved, 2009) which can be effectively used to change the Global trading pattern to promote the trading of Climate friendly Products. We have received many acknowledgements over the years encouraging these concepts towards a probable tool for Global standardization.



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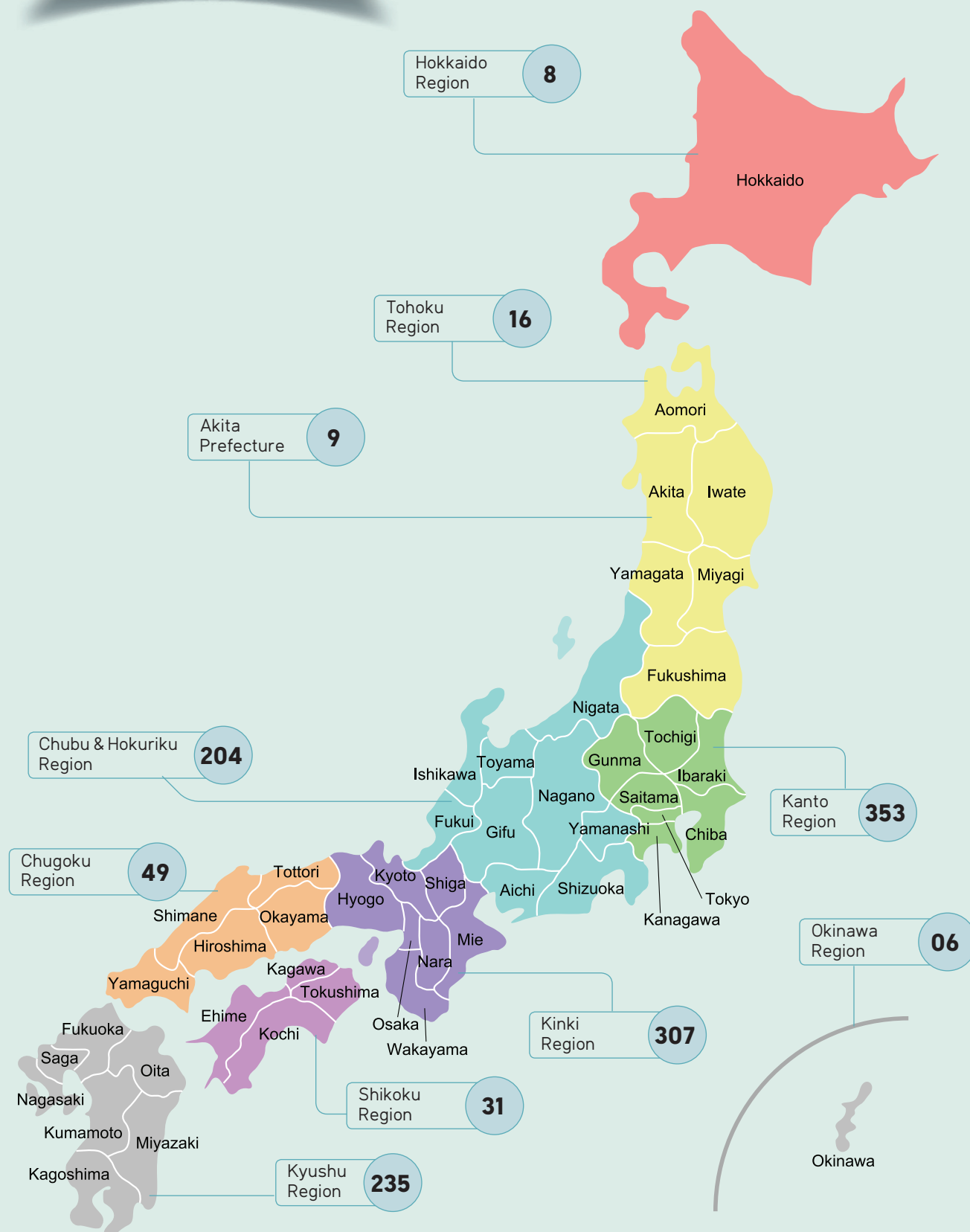
Throughout the Product Life Cycles both GZ-08™ and Super-flex™ range of Products does not release harmful substances to the environment. Even in the event of uncontrolled dispose at end of life (EOL) almost 99% are Natural ingredients, they are harmless and are degradable and as such does not contaminate our precious soil or waterways. This fact far outweighs competitive Products where current research has revealed that Health Care associated waste is a significant contributor to contamination of Land and Waterways.



17

Most of our Concepts and Innovations can be adopted across multiple industries. As developers and holders of the Intellectual property we are ready to transfer our know-how with Licensing options to promote Sustainable Innovation. Furthermore, we have initiated to inspire the next generation especially in the aspect of Sustainable Innovation through multiple seminars/discussions at leading Schools where the response has been very rewarding. Our vision is to empower the Global Consumer through Sustainable Products and rapidly accelerate Sustainable Development Action throughout the whole World.

Our Corporate Customers



Testimonials



Unbelievable! My son sleeps very well. He never slept well as he has an atopic allergy.

Ms. Tomoko Nomura, Hikone City, Shiga

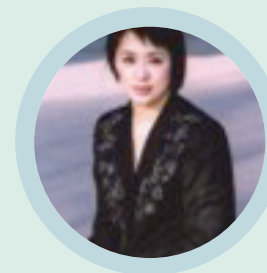
"Mom, I slept very well after a long time! This is what my son said when he slept on Super-flex for the first time. He has atopic allergy and has undergone whatever available treatment. However, they were in vain and he has been struggling with itchy rashes. After he started using this mattress, he slept very well, and the allergy has been cured little by little. I need not use a vacuum cleaner now since I only need to wipe the mattress to remove the dead skin on it. "We have a double happiness, as my workload on cleaning has become less too".



I'm free from pain and excessive sensitivity to cold, caused by rheumatism.

Ms. Naoki Kawai, Minagamo City, Gifu

"Since I have got rheumatism, I have struggled with pain and excessive sensitivity to cold. I'm very happy as the problem were solved immediately by using Super-flex. I'm pleased mainly because (1) it is comfortably warm even in winter. (2) it's soft rebounded nicely. (3) it can be kept clean simply by wiping it."
"No other products have ever satisfied me like this. I especially recommend Super-flex to those who use wheelchairs and the elders who are confined to beds."



It is one of the tools for us, users of wheelchairs, to live pleasant lives.

Ms. Hitomi Suzuki, former player of Paralympics.

"I have been using a wheelchair for 22 years. I have got a Super-flex wheelchair cushion and was surprised by the comfort of having no pressure on the hip -bone. Small injuries on hips could be cured even without knowing it, while you are using the cushion. It gives me a feeling of safety as I feel like being wrapped by a bucket seat. I recommended Super-flex to some of my friends and they were very happy too. I would like the wheelchair users to utilized Super-flex as one of the tools to live pleasant lives. It helps you to expand your areas of activity."



It has an excellent ability to dissipate body weight in perfect balance, and also avoid slipping, as it is made of natural rubber

Dr. of Medical Science, Makoto Takahashi.

Body System Science Course,
Post Graduate Institute of Information Science, Hokkaido University

"The maximum pressure on the sacrum on the Super-flex is only as high as 30mmHg. It is the proof that the product dissipates body pressure evenly and appropriately. It also has high durability, proven by the compression of pressure on the scrum spine, which is found to be same, between unused mattresses and ones used over 7 years. This durability is ensured as it is made of natural rubber. In addition to that as the rubber is naturally flexible and stretchy, the mattress minimized friction and slips, which could damage skin. It is useful when the users move frequently."



SHIGADRY WITH EARTH CO.
Research | Innovation | Consulting



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The Company reserves the right to change any specification without prior notice