Responsive

and dedicated to a more sustainable world.

It's all about the chemistry™
In SONGWON’s more than 50 years of history, we have learned to constantly prepare for the future and the many changes it brings. And as our business expands around the world, so do our sustainability priorities and they drive our efforts to create value for future generations.

We consider it our duty to contribute something that will last, to act with environmental responsibility and to respect and preserve our world for the future.
SUSTAINING PEOPLE AND THE ENVIRONMENT
Committing to deep, ongoing sustainability, social and ecological responsibility, while creating value through innovation represents the very core of what SONGWON is all about.

DOING THINGS RIGHT
Conducting our business and our affairs in full compliance with all relevant laws and regulations and in accordance with the highest ethical standards is one of our top priorities.

ACHIEVING WITH PRIDE
Receiving recognition and acknowledgement for the dedicated efforts of our people makes us proud and encourages us to forge ahead.

For the 3rd consecutive year, in 2019 we have been awarded the EcoVadis* gold recognition level for Corporate Social Responsibility which places SONGWON among the top 3% of all businesses assessed.

SENDING CLEAR SIGNALS
Demonstrating that we take our responsibilities and obligations seriously, and have always been committed to transparency is very important to us. Each year in our Sustainability Report, we communicate our impacts, strategies and contributions to sustainable development in accordance with the GRI guidelines**.

* EcoVadis is an independent rating agency specializing in sustainable development and performance monitoring. Their detailed rating methodology is built on international CSR standards, including the Global Reporting Initiative, United Nations Global Compact and ISO 26000.
** Global Reporting Initiative (GRI) guidelines facilitate transparency and accountability by providing a universally applicable, comparable framework for reporting an organization’s economic, environmental, and social performance.
The environment around us

Dedicated to ecological stewardship.
We are deeply committed to reducing our impact on our surroundings, addressing local and global environmental challenges and striving to advance environmental sustainability.

**MATERIALS**
To create a sustainable environment now and in the future, we view making every effort to conserve and enhance natural resources as one of our highest obligations. We seek to capture every opportunity to use raw materials from renewable sources to improve SONGWON’s environmental performance and to ensure that we can recycle those materials.

In cooperation with the German based innovative packaging specialists, RPC bpi nordfolien (www.nordfolien.com/en/), SONGWON has become one of the 1st chemical companies in the world to pack products in 20kg PE-bags made of 50% recycled polyethylene.

**WATER**
Water is one of our most vital and valuable natural resources. It is also an important part of SONGWON’s manufacturing process and we challenge ourselves on an ongoing basis to identify and implement ways to reduce our water consumption and improve the quality of discharged.

**BIODIVERSITY**
Although SONGWON’s current operations have no direct effect on biodiversity, we still support conservation and the sustainable use of biodiversity. Ensuring that a healthy biodiversity is maintained is essential to the survival of all living things and it is something we feel very strongly about.

**GREENHOUSE GAS MISSIONS**
Reducing greenhouse gas emissions on a global scale is crucial if we are to avoid drastic global warming. Although renewable energy is growing fast, unfortunately it is not growing fast enough. This is why one of our main objectives is to continue to reduce SONGWON’s total carbon emissions overall and per each product we produce.

**EFFLUENTS AND WASTE**
SONGWON always seeks to take advantage of the most practical and sustainable waste management solutions available today. We continue to lower our levels of effluents and waste and are in fact, exceeding current standards in terms of quantity and quality.

**ENERGY**
We understand the important role good energy management plays in sustainable development. Wholly committed to improving the efficiency of SONGWON’s operations, we are reducing our energy use and associated costs and engaging in an energy consumption reduction program.

Here are just a few of our successfully implemented initiatives:

- Optimizing the use of steam during the distillation step
- Recyling (partial) of washing solvents and mother liquors after the crystallization step
- Reusing the steam condensate as boiler feeder water
- Installing solar panels on the warehouse roof
- Using an inverter to save electricity
- Recovering solvents from the final product drying step
- Direct recycling in crystallization of the recovered solvents
- Improving process by eliminating the use of solvents
- Reusing recovered products, intermediates and raw materials from tars and solid wastes
At SONGWON, we aim to raise the bar on manufacturing excellence. Our continual investment in the latest technologies enables SONGWON to deliver superior quality, high performance products to our customers in the most efficient and environmentally responsible way possible today.

**EFFICIENCY**
With our commitment to exceeding industry standards, a multi-faceted approach to optimizing our operations and world-class production techniques, we achieve manufacturing efficiency and deliver products of the highest quality. Wherever we can, we also concentrate on reducing costs and improving our chemical yields to reduce SONGWON’s utility consumption level.

**AWARENESS**
We foster a culture of environmental awareness that promotes sustainable work practices and keeps health and safety at the top of our priority list. Our people are given regular safety trainings and extensive guidance on EH&S especially in relation to chemical hazard management.

**PREVENTION**
For us, a core part of sustainable development and long-term planning is sharing resources and knowledge across the organization in order to withstand any risks which may arise. In addition to regularly assessing our facilities and defining risk reduction and mitigation actions, all of SONGWON’s employees actively engage in identifying and managing risks, as well as finding ways to improve EH&S.
Aligning our processes with our sustainability goals.

A closed system and single step process, FFS* technology offers us a wide range of sustainable advantages:

- reduced packaging
- improved safety
- low maintenance
- highly efficient
- improved storage
- increased protection

*FFS (Form, Feed and Seal)

In 2017, we installed the FFS (Form, Feed and Seal) technology into SONGWON’s Maeam plant in South Korea. It represents a significant step forward in our drive for increased flexibility and supports us to meet the demands of the market while adhering to our sustainability targets.
Mastering global challenges with leading-edge solutions.
**AUTOMOTIVE COMPOUNDING**

SONGXTEND® 2124 was especially designed to meet the demand for glass-fiber re-enforced polypropylene which further reduces wall thickness and makes lighter design possible.

**AUTOMOTIVE INTERIORS**

SABO® STAB 228 50PP and SABO® STAB UV 229 50PP with their excellent polyolefin stability and compatibility were developed to meet the automotive industry’s stringent demands in terms of low VOC, fogging and blooming, as well as total carbon emission.

**BUILDING & CONSTRUCTION**

SONGXTEND® 1301 was developed to protect polymeric flame retardants in XPS applications. SONGFLAME® 201 is a powerful enabler for halogen-free expanded polystyrene (EPS) foams, which are crucial to the design of energy-efficient buildings based on sustainable materials. SONGFLAME® technology advances the development of environmentally compatible flame-retardant wood construction elements that fulfill the latest durability and fire-safety standards.

**AGRICULTURAL FILMS**

SABO® STAB UV 216 provides protection and extends the life of agricultural films, even when high levels of pesticides are used. SONGWON’s products are also used in the production of greenhouse and mulch films which both reduce water consumption levels.

**COATING MANUFACTURING**

SONGSORB® CS 400 liquid triazine UV absorber was developed to allow the formulation of low-to-zero VOC coatings, while enhancing durability and substrate protection.

**RECYCLING**

SONGXTEND® 2721 stabilizer improves the long-term thermal stability (LTTS) of recycled polypropylene compounds and was designed to meet the stringent European automotive OEMs’ LTTS requirements for interior or under-the-hood applications.

* Trademark registration pending
Ensuring a reliable and sustainable supply chain.

At SONGWON, we have always been mindful of the importance of conducting our business in a responsible manner. This involves embracing professional business ethics which include the responsible sourcing and procurement of materials in our quest to provide customers with high quality, sustainable products. We also invest in making our supply chain stronger and more efficient while fostering sustainability at every stage.
SUPPLIERS’ CODE OF CONDUCT
We evaluate our suppliers’ sustainability performance based on key factors such as labor laws, EH&S, human rights, business ethics, etc. This is how we make sure that SONGWON works with the best in the business worldwide and can contribute to a healthier, controlled, more transparent, and ecologically sound supply chain.

RELATIONSHIPS & RELIABILITY
Relationship building is our DNA. From the founding of our organization, we have always sought to build relationships based of the principles of responsible sourcing. We also expect SONGWON’s supply partners to abide by the highest social, ethical and environmental performance and safety standards as we at SONGWON do.
Our commitment to sustainability unites us.

With everything we do, we think about how it relates to people and the environment. Being a successful organization is not just about SONGWON’s performance and achievements but about acting in a responsible, ethical and law-abiding way. For us, it’s important that our employees feel engaged and proud of being a part of a company that has the highest standards of integrity, passionately protects its people and acknowledges their valuable contribution.
Our Code of Conduct is a clear summary of SONGWON’s values, ethical principles, compliance with laws, rules and regulations, and also contains internal guidelines and procedures.
As a leader, our sense of responsibility goes beyond minimizing our environmental footprint. We look beyond our organization to see where we can make a positive contribution to humanity and support the vulnerable and less privileged in our communities.

“...We see CRS as a compass that ensures SONGWON continues to grow in a responsible way. Our commitment to helping humanity is not simply made by the donation of money but also by the initiatives directly initiated by our people which makes us really proud.”

Responsibility

Deeply committed to giving back.

As a leader, our sense of responsibility goes beyond minimizing our environmental footprint. We look beyond our organization to see where we can make a positive contribution to humanity and support the vulnerable and less privileged in our communities.

SOME OF OUR CSR EFFORTS
At SONGWON, CSR (Corporate Social Responsibility) is an ongoing effort and an obligation that we take very seriously. For us, a great business is powered by driven people who embrace the global principles of corporate social responsibility.

CARING FOR THOSE IN NEED
Our sense of responsibility is as great as our capacity to act. Addressing some of the wider issues that affect us as global citizens, we support a variety of socio-economic, educational and health initiatives and programs.
SONGWON has supported:

“HEALING SHOES”
a charitable program for underprivileged children in Laos and Cambodia.

“CLEANING HANDS”
a Korean Health and Welfare program aimed at raising awareness of how important cleanliness is to remaining healthy.

BLUE CROSS YOUTH CORPS
educates Korean medical healthcare students on how to handle various types of medicine, but also on ways to discard medicine waste properly to prevent polluting and damaging the environment.

WORLD ENVIRONMENT DAY
initiated by the UN in 1972, the special day is dedicated to creating a cleaner, greener and brighter world.

STREET TO SCHOOL-STSA sponsorship program aimed at supporting education in a local community in Karachi, Pakistan.

FRESH WATER PROJECT
an initiative to help a local community in Karachi, Pakistan to gain access to a fresh water supply.

RED TIE CAMPAIGN
National Hemophilia Foundation initiative in the US that raises awareness and advance the fight against inheritable bleeding disorders.

CHILDREN’S MIRACLE NETWORK HOSPITALS (CMN)
since 1983, CMN has increased funds and awareness for 170 children’s hospitals across the United States and Canada and helped numerous ill children.
At SONGWON, we fully embrace our obligation to sustainability through our pursuit of innovative technology that contributes to building a healthier, less wasteful and more ecologically sound tomorrow.

In line with this, we offer customers the freedom choice with regards to information. Although still offering high-quality printed brochures, we also offer the paper-free option of downloading them quickly and easily via a QR code.

Furthermore, we have progressively reduced the overall number of printed materials we produce. Those we do still produce are printed as sustainably as possible. Using a climate neutral printing process which has earned us the Climate Partner label, we print on FSC certified paper made with materials from well-managed forests and/or originating from recycled sources. Our efforts don’t end there but extend to distribution. To achieve more sustainability, we use the eco-friendly DHL Go Green - a worldwide environmental protection program with the global target of zero emissions by 2050, to distribute our materials.

This brochure was made as sustainably as possible.