

Coloring a Safe and Sustainable Future



2022 Sustainability Report



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Letter from the President & CEO



“With the proper focus and our extensive research and development (R&D) capabilities, we will help our customers achieve their sustainability goals by innovating across the value chain.”

At INX International, sustainability is the cornerstone of our Company's Vision, Mission and Strategy. Sustainable efforts guide the products we make, the processes we use and how we treat society. We genuinely feel that everyone must work harmoniously to create value that helps safeguard our planet. We do this not because of regulatory pressure or a means to increase market share but because it is simply the right thing to do. We recognize that while delivering high quality printing inks, coatings and services, we have a responsibility to do so aligned with the environment, society and corporate governance. As an industry leader and a manufacturer of products that serve all of society we are committed to enhancing and growing our ability to add sustainable value for brand owners, customers, consumers, and employees.

As consumer demands and regulatory requirements multiply, we are committed to enhancing and growing our leadership position in the industry and addressing the needs of brand owners, customers, and consumers by improving the sustainability of our products and refining the systems that measure the impacts of our business.

- We recognize the value of investing in a circular economy and have identified specific steps we will take to improve how we manage our resources and eliminate waste through better product and process designs.
- We have created a model – Coloring a Safe and Sustainable Future (CSSF) to guide us as we work to improve our sustainability performance and contribute to a circular economy.
- We have aligned our CSSF model with the United Nations 2030 Agenda for Sustainable Development and incorporated the UN's Sustainable Development Goals (SDGs) into CSSF.
- With the proper focus and our extensive research and development (R&D) capabilities, we will help our customers achieve their sustainability goals by innovating across the value chain.

We recognize that our customers and consumers have a choice to make with each product they purchase and with each business with whom they choose to partner. We invite you to join us as we work to protect our planet, create new growth opportunities, and deliver sustainable value to our stakeholders.

Bryce Kristo

President & CEO, INX International

About This Report

At INX International, we have one goal: to become a better company by advancing sustainability practices while providing our customers with inks and technologies that enable world-class printing standards. INX is proud to share our internal efforts publicly, through our inaugural Sustainability Report. This report addresses the progress of INX's United States locations, including our manufacturing facilities, in 2022. The sustainability topics included in this report are identified and reported according to our 2022 priority assessment, which included engagement with both internal and external stakeholders. This report is prepared in reference to Global Reporting Initiative (GRI) standards and includes a review of the UN SDGs.

Forward-Looking Statements:

Disclosure of information includes business forecasts and future outlook. Actual results may differ from the prospects due to the fact that the forward-looking statements made by the company are based on information available at the time of disclosure. All disclosure information (including those provided on our website) intends to provide information to all stakeholders to foster understanding of our company, and no content is disclosed to solicit investing into the company.

INX International

INX International Ink Co. is a wholly owned subsidiary of Sakata INX worldwide operations, a \$1.6 billion company established in 1896. INX International Ink Co., herein referred to as "INX," "the company," "us," "we," or "our," is among North America's top three ink providers. We are a global manufacturer of high-performance printing inks and coatings for commercial, packaging, and digital print applications with full-service locations in North America, South America and Europe.

INX aims to provide the best technology and know-how for our customer's application. Whether running a simple four-color process or working together as a co-development team to create new products, our goal is to bring the right chemistry and resources together to increase productivity and reduce applied costs. As a world-wide organization sharing knowledge, we have harnessed a massive breadth and scope of what we can offer locally and around the world to meet global brand challenges.

Our product solutions focus on metal decorating, flexographic, gravure, web offset, lamination, corrugated, sheetfed, inkjet, and UV/EB inks and coatings. As a leading global manufacturer of inkjet inks, we offer a full palette of digital ink systems and integration technologies including the development of inkjet printers.

The data and processes described in this report refer to INX's United States operations.

Our Vision

A colorful, safe and sustainable world created together. We see a sustainable future where responsible manufacturers, suppliers and customers work harmoniously together to create eco-friendly products that enhance people's lives.

Our Mission

Lead the industry in delivering innovative, safe and sustainable solutions that enhance the customer experience. To realize our vision, we will innovate packaging, products and sensorial experiences that are safe, sustainable and support the circular economy. We will serve as role models in working collaboratively with customers to drive business growth that benefits our employees, consumers and the environment.



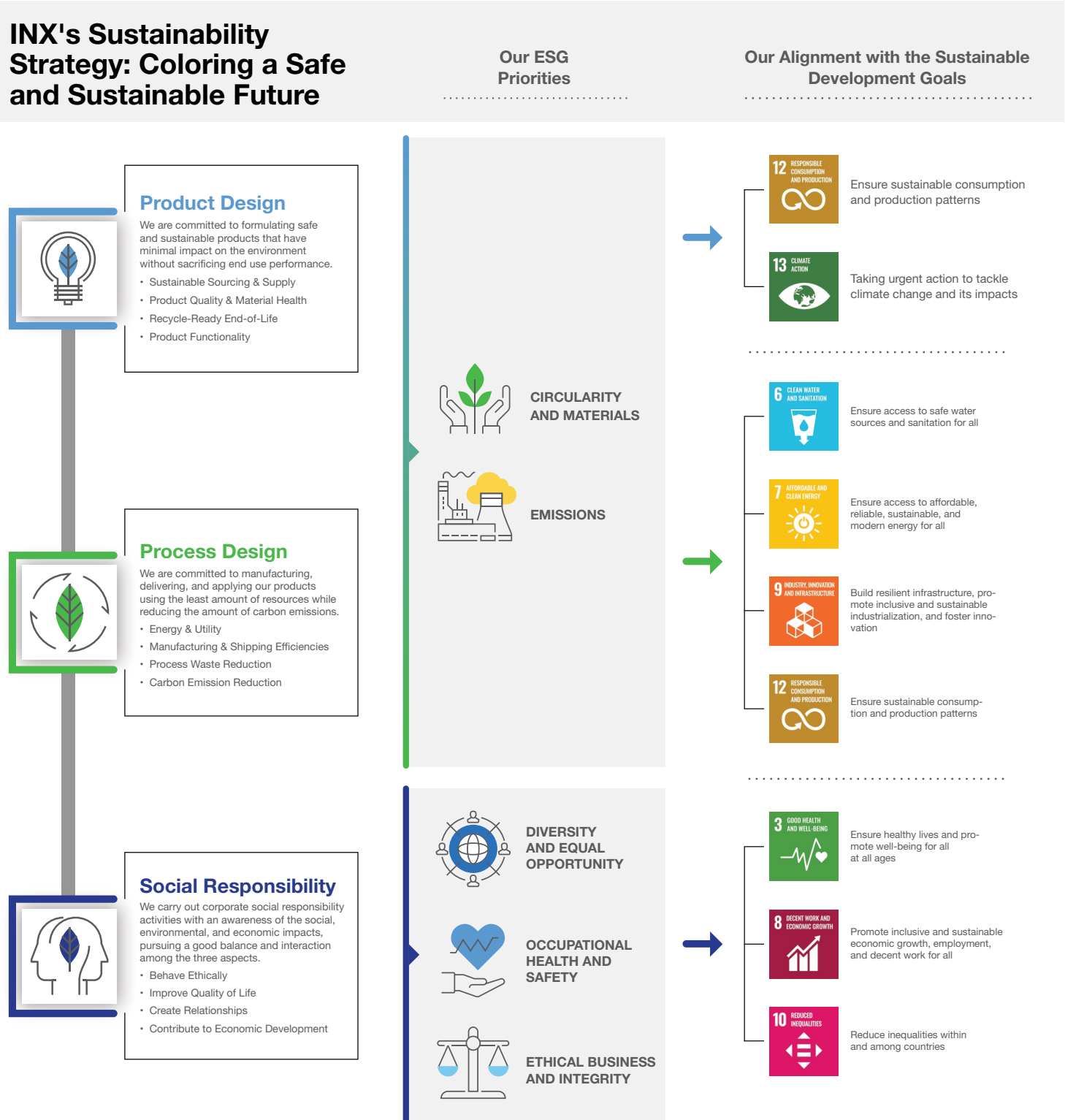


Our Sustainability Strategy

Sustainability Strategy

Coloring a Safe & Sustainable Future (CSSF) Model

Our CSSF model illustrates how we integrate sustainability into our business' strategic and day-to-day activities. Our sustainability strategy is aligned with our vision: A colorful, safe, and sustainable world created together. The CSSF model guides us as we improve our sustainability performance and identify key initiatives that we invest in today and tomorrow. Our strategy consists of enterprise and business tactics that focus on sustainability as it relates to the circular economy.



Three Areas of Impact

As consumer demands and regulatory requirements evolve, we are committed to enhancing and growing our leadership position in the industry and helping meet the needs of brand owners, customers, and consumers by improving the sustainability of our products.

Our commitment to coloring a safe and sustainable future guides how we develop, manufacture, and distribute products and how we work with our customers and suppliers.

We focus on three areas of impact as outlined in our CSSF Model:

Product Design for the Environment, Process Design for the Environment, and Social Responsibility.



1 | Product Design

We strive to use renewable, bio-based, raw materials from ethical and sustainably-managed sources to ensure minimal impact. When developing sustainable products, we focus on material health and safety, product functionality, environmental impact, consumer safety, and recycle-ready products. Our products are designed to be easily applied, increase efficiencies, reduce materials used, improve production uptime, and provide high-quality results.



2 | Process Design

We manufacture our products using state-of-the-art production and waste recovery equipment, quality programs, and information systems that enable continuous improvement. We use logistic software to reduce the number of shipments and their distances to reduce freight. We manufacture products that drive customer efficiencies using the minimum quantity of resources needed to be effective.



3 | Social Responsibility

We act with integrity while improving the quality of life of our employees, their families, the communities in which we work, and society at large. Creating relationships with our customers and surrounding communities is essential to developing and maintaining a strong sustainability program that supports a circular economy.

ESG Priorities

We conducted a priority assessment to identify and prioritize topics for our sustainability strategy and reporting. This priority assessment process included the following:

- 1 Identifying potential ESG priorities based on sustainability frameworks and peer company perspectives
- 2 Interviews with internal and external stakeholders to weigh and prioritize ESG topics based on the impact they may have on our business

The ESG priorities identified in this assessment, which we found to be most important to our business operations, will be the focus of our sustainability and reporting journey.



ESG Priority Topics, Defined:

Emissions: Reduce INX's greenhouse gas (GHG) emissions across Scopes 1, 2, and 3 relative to baseline emissions by either directly decreasing emissions or removing GHG from the atmosphere.

Circularity and Materials: Develop innovative products and processes that contribute to a circular economy, creating less waste, reducing water use and innovating through design and materials.

Business and Integrity: Maintain integrity around ethical conduct and compliance, including anti-corruption, transparency, accuracy of reporting, responsible supply chain, marketing, and labeling, while adhering to general business laws and regulations through the company's compliance program.

Occupational Health and Safety: Ensure a safe and healthy workplace for all employees and commit to a work environment free of recognized hazards that complies with all safety regulations.

Diversity and Equal Opportunity: Create a diverse, inclusive work environment and commit to equal employment opportunity and the fair, nondiscriminatory treatment of all employees.

The Journey Ahead

The results of our priority assessment were used to formalize our internal ESG Roadmap, creating near- and long-term initiatives to enhance our sustainability strategy. The ESG Roadmap provides a framework of prioritized initiatives for the coming years, while continuing to be a living document as the ESG landscape and reporting environment evolves.

Scorecard



CIRCULARITY AND MATERIALS

WASTE INTENSITY

In 2022, INX International sent

5.5%

less waste to landfills compared to 2021

RECYCLE-READY PRODUCTS FOR PRODUCTIVE END-OF-LIFE SCENARIOS

INXManager® Software

This exclusive software program enables the reuse of excess or obsolete ink and reduces print waste.

Genesis™ Washable Inks

for gravure and flexographic printing make it easier to recycle plastic films used in packaging. New, clear bottles can be made from the circular reuse of recovered material, contributing to a circular economy, boosting the worldwide recycling rate, and reducing the volume of plastic bottles in the marine environment.



EMISSIONS

INX INTERNATIONAL IS COMMITTED TO A LONG-TERM STRATEGIC TARGET TO REDUCE CO₂ EMISSIONS FROM ITS MANUFACTURING OPERATIONS

Scope 1 emissions US 2022

4,349 MT CO₂e

Scope 2 emissions US 2022

8,662 MT CO₂e



DIVERSITY AND EQUAL OPPORTUNITY

OUR COMPANY IS ENRICHED BY THE DIVERSITY OF OUR WORKFORCE

Recognizing that our employees and their commitment are the most important source of our competitive strength,

we are dedicated to providing a productive work environment free from discrimination and harassment.



OCCUPATIONAL HEALTH AND SAFETY

ACCIDENT INCIDENT RATE

In 2022, INX International decreased its incident rate

27.3%
as compared to 2021

A CERTIFIED OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

Using TPM and

ISO 45001

methodologies, we have reduced loss and risk to employees and our surrounding communities.



ETHICAL BUSINESS AND INTEGRITY

ETHICAL BUSINESS AND INTEGRITY IS A CORNERSTONE OF OUR WORKFORCE TRAINING AND OPERATIONS

At INX, we act with integrity and ensure all employees understand the **vital importance of ethics and fair business practices.**

Aligning with the United Nations Sustainable Development Goals (SDGs)

INX International supports the United Nations Sustainable Development Goals, a call to action to end poverty, protect the planet, and improve prosperity. From the 17 UN sustainability goals, we have identified six goals where we have the highest impact.

Following the global call to action to achieve prosperity while protecting the planet requires constant visibility of the SDGs, their meaning, and a unilateral understanding and commitment. Building the INX Strategy on a sound, recognized approach that can positively affect human rights and environmental issues is vital, and integration with the UN SDGs is an important aspect of our efforts. Sharing our sustainability journey and strategy by initiating a purposeful collaboration with vendors and customers creates important collaboration that fosters success.

SUSTAINABLE DEVELOPMENT GOALS



We Develop Innovative Products and Optimized Manufacturing Processes to Support the UN SDGs

Clean Water and Sanitation



Unmindful waste and contamination of water is one of the most serious threats affecting our planet. Efficiently using water in our manufacturing processes is a key component of our sustainability work. Additionally, we reduce our wastewater impact by pre-treating effluent prior to discharging it to the municipal treatment system.

We are pioneering new product chemistries, including products that eliminate the need for solvents, improve the recyclability of plastics, and reduce the amount of packaging used.

Affordable and Clean Energy



INX is committed to reducing our energy consumption by improving process energy efficiency. Utility Management Services are used to track and monitor utility usage at all INX plants. We conduct rigorous plant audits and analyses of our utility data to reduce and better manage our energy use. We also plan to increase the use of renewable energy by installing solar panels at a manufacturing site in Illinois.

The support of this goal is also reflected in our development of energy efficient products. We have developed inks that require less energy to create, due to reduced processing time and other efficiency improvements.

Decent Work and Economic Growth



INX is committed to being a responsible and ethical employer. Our company mission is to lead the industry in delivering innovative, safe, and sustainable solutions. That mission includes protecting the health and safety of our employees. As we expand our business and reinvest in our workforce, our employees have the opportunity to grow and develop new skills.

We also contribute to local communities and encourage our employees to volunteer and donate to important causes.

Industry, Innovation, and Infrastructure



The development of new, increasingly environmentally-friendly products is key to meeting the needs of both the planet and our customers. INX continues to invest in R&D to develop ink with safer chemicals, less environmental impact, and more efficient processes.

One example of this is our proprietary INXManager™ Software, which enables the reuse of excess or obsolete ink, reducing print waste.

Additional examples of our innovations are spotlighted in page 28 of this report.

Responsible Consumption and Production



Our waste reduction programs are focused on improving the use of inbound materials, recycling, and optimizing end-of-life printed products. We strive to reduce waste throughout our product lifecycle through the recovery and reuse of inks and coatings. For example, our ink dispensing systems not only minimize costly waste but also optimize production by tailoring ink quantities to the specific requirements of each job, effectively reducing excess inventory.

Additionally, we have developed inks that improve the recyclability of plastics by reducing discoloration, thus enabling more effective reuse.

Climate Action



INX supports the goal of lowering global GHG emissions, and we are taking action to do so across our value chain. In addition to our own operations, we survey key suppliers to find out about their GHG reduction goals and to support our customers in achieving these goals.

Our biorenewable-based inks offer measurable GHG emission savings. By increasing our biorenewable product content, we reduce our inks' carbon footprint.

Governance of Our Sustainability Strategy

INX has long focused on sustainability in all company operations and product development. Our priority topic, ethical business and integrity, reflects the commitment of our Board, leadership, and employees to oversee and run the business while maintaining integrity around ethical conduct and compliance. Our vision and mission were developed following a formal strategic review that identified what the market requires of us as we interact with the greater packaging ecosystem.

As we work to further improve our sustainability performance, our President & CEO oversees climate-related risks and opportunities as well as our many sustainability-focused initiatives. The CEO's broad-reaching role allows these to be considered in the overall business operations, initiatives, and decisions across INX, including aligning climate-related targets with Sakata INX, monitoring progress towards meeting these targets, and developing and reviewing sustainability policies and strategies. The company's management team works cross-functionally to address sustainability issues, identify opportunities, and integrate the CSSF model throughout our operations.

The Board monitors this work as part of their role, approves strategic plans that include environmental initiatives, and includes sustainability topics on the agenda of every scheduled meeting.

Data

Data for this report covers U.S. operations. Our GHG emissions (Scope 1 and 2) are calculated based on the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition).

INX recently completed a successful data quality assessment over our greenhouse gas calculation process. This enhances the accuracy and consistency of our emissions as we report and monitor progress reducing our emissions.



Product Design for the Environment



Product Design for the Environment

At INX International, delivering innovative, safe, and sustainable solutions that enhance the customer experience is our top priority. We want customers to feel confident in their product choices, so we have developed our products to make minimal impact on the environment without sacrificing machine, processing, and end-use product performance.

We make every effort to use renewable, bio-based, raw materials from ethical and sustainably-managed sources. Our products are developed with a focus on material safety, product functionality for environmental impact, and consumer safety, all while emphasizing recycle-ready products. We formulate our products to be easily applied by customers and to increase efficiencies that result in using the least amount of product while gaining high-quality results.

High Quality and Renewable, Bio-Based Ingredients

Our ISO-certified Business Management System (BMS) ensures the highest-quality products, starting with a complex and closely-monitored process for raw material selection. We replace petrochemically-derived ingredients with clean, renewable, and sustainable ingredients without sacrificing machine, processing, and end-use product performance. Brand owners and printers benefit from reduced regulatory risk and measurable CO2e reduction.

Our formulations consider the functionality of the finished product and its impact on environmental and societal issues. For example, our products reduce required materials and enable recycling. Additionally, our solutions can extend food shelf life, reducing food waste.

Materials for Consumer and Worker Safety

Our product stewardship program works to understand our products potential lifecycle impacts and to fulfill regulatory requirements and industry-specific standards. Additionally, our offerings that prevent migration improve overall consumer safety.

Recycle-Ready Products for Productive End-of-Life

We assist brand owners and customers by making products easier to recycle and promote the development of circular economies. We do this by improving functional barriers to enable the use of mono-material structures; colorfast, washable inks that are easily removed in the recycling process; and inks and coatings that are designed for multiple reuse and returnable applications.





Product Design for the Environment



INX Products



EMISSIONS



CIRCULARITY AND MATERIALS

EcoCan™ C2C® Metal Deco Inks

EcoCan™ is the industry's first and only metal decorating ink to receive a Gold rating from Cradle to Cradle (C2C) Products Innovation Institute, in collaboration with the Environmental Protection Encouragement Agency (EPEA). It is developed according to the C2C Material Health principle, based on materials that are inert to the environment, safe for human health, and enable use in a closed biological loop system. The high-performance beverage can ink does not contain substances on the C2C Certified® Banned Chemicals List and does not pose any carcinogenic, mutagenic, or reproduction-toxic (CMR) risks. It is formulated LoVOC and manufactured using only optimized materials that do not contain any X- or grey-assessed materials.



EcoStage GB-XA Barrier Coatings

EcoStage GB-XA oxygen barrier coatings are formulated to address food safety and preservation issues as well as improvements in sustainability and recycling. The high-performance coatings allow for mono-material packaging to replace multi-layer packaging for certain food applications making the package easier to recycle. They offer an alternative to expensive barrier films while extending shelf life and reducing food waste.



GelFlex™ EB Gel-Based Inks

Multiple layers in plastic packaging are difficult to recycle because they are laminated together and hard to separate. Using our GelFlex electron beam curable flexographic inks allows you to reduce or eliminate lamination layers, making the package easier to recycle. Using virtually no solvents, its gel-based technology allows ink to adhere almost instantly to a substrate by way of a covalent bond. In its reaction with an e-beam, Gelflex-EB crystallizes and cross-links polymer chains to create a contiguous and homogenous layer of polymerized print. Only one EB dryer is required per press, eliminating all inter-station and end-of-press thermal dryers.



Genesis™ Washable Inks

Recognized by the Association of Plastic Recyclers, INX Genesis washable ink for gravure and flexographic printing make it easier to recycle plastic films used in packaging. The high-performance inks can be de-inked from shrinkable cPET films and floatable with roll-fed OPP labels. Minimal bleed in the caustic wash step of the recycling process results in marginal impact on recycled PET discoloration, allowing for the increased recovery of high-quality, clean, recycled PET resin flakes. New, clear bottles can be made from the circular reuse of recovered material, contributing to a circular economy, boosting the worldwide recycling rate, and reducing the volume of plastic bottles in the marine environment.





Product Design for the Environment



EMISSIONS



CIRCULARITY AND MATERIALS

INX Products

INXCure™ UV/EB and Low Energy Inks

Our range of energy curable inks and coatings for commercial and packaging print are solvent free, eliminating the use of volatile organic compounds (VOCs). Our industry-leading UV LED curing flexo and offset inks are suitable for a wide variety of paper, board, plastic, and flexible substrates. They enable environmental improvements within manufacturing processes, decreasing make-ready times and waste all while consuming less energy and reducing cost.



INXhrc™ Natural-Based Inks

INXhrc™ high-performance, natural-based inks for flexographic, offset, and gravure applications are formulated to replace petro-chemically derived ingredients with clean, renewable, and sustainable ingredients without sacrificing machine, processing, and end use product performance. They contain up to 90% natural ingredients and are free of allergens, nanomaterials, fluorochemicals, fanal pigments, heavy metals, latex, and PTFE. They have a 25 to 30 percent lower CO₂ footprint than standard aqueous inks.*



*Based on EUPIA dry ink baseline for aqueous based inks of 3.092kg CO₂/kg dry ink.

Low Migration Inks and Coatings

At INX, there is nothing more important than the safety and welfare of our employees, customers, and consumers. All facets of our business, from R&D to product stewardship and quality, work together to ensure that our sensitive application packaging inks are of the highest quality and are safe for use as intended when applied.

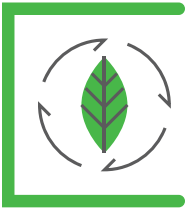
Available for a wide range of print processes and applications, our low migration inks and coatings are in full compliance with the “EuPIA Guideline on Printing Inks applied to the non-food contact surface of Food Packaging & Articles.”





Process Design for the Environment





Process Design for the Environment

Integrating our Business Management System (BMS)

INX International has devised a BMS to develop plans and projects of significance, in support of the targets and indicators of relevant SDGs. Project managers review and define our actions, considering how each activity supports related SDGs. The INX Sustainability Team consistently measures our initiatives and identifies innovative measures to reduce potential adverse effects. As part of our efforts to support the SDGs, we collaborate with our customers to proactively engage on these topics and adjust our commercial strategies accordingly.

Supporting a Circular Economy

At INX International, we realize that doing our part to create circularity is critical to shaping sustainability in print and packaging as a whole. We understand that inks and coatings play an essential role in supporting the reduction, reuse, and recycling of packaging. We are dedicated to helping our customers embrace and achieve a circular economy, as well as to creating solutions that increase productivity and lower costs to contribute to a more sustainable future.

INX International is proud to have the first officially ISO-certified BMS in North America for print ink manufacturing.



CIRCULARITY AND MATERIALS



Reduce

INX offers mono-material, lightweight packaging solutions that decrease overall packaging weight through protective barrier coatings and gel-based EB technology. We also provide dispensing solutions that help reduce and eliminate waste by only making what is needed for each job and working off excess ink inventory. Our process design for the environmental efforts implements practices that minimize waste, energy use, and emissions at our locations.

Reuse

Our proprietary INXManager™ software enables the reuse of excess or obsolete ink and it reduces print waste. Through a Waste-to-Energy (WTE) program, we recover energy from waste streams which also diverts those waste streams from other disposal options like landfills.

Recycling

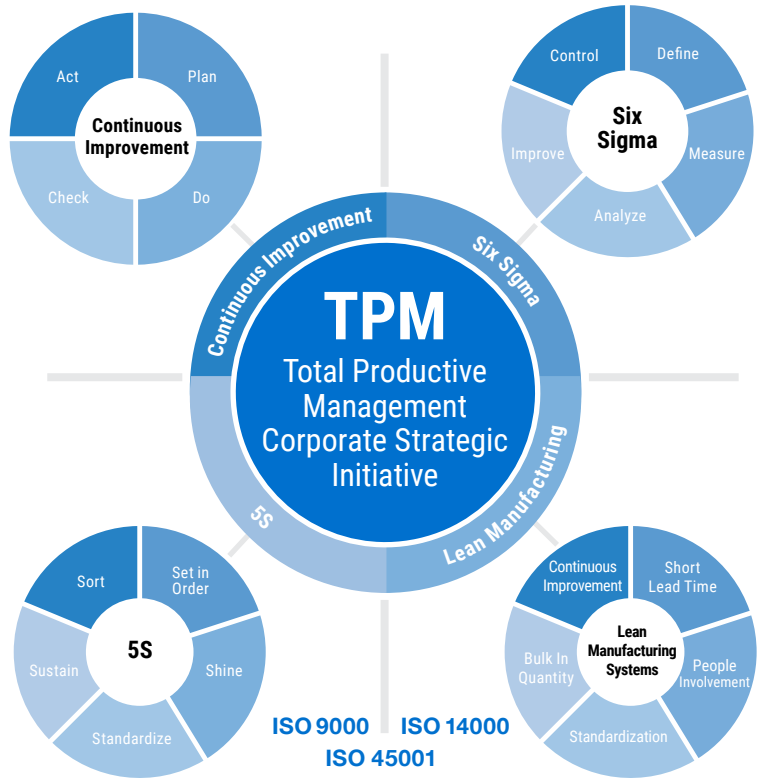
INX formulates products that enable and make recycling more efficient. We have developed washable inks that make recycling plastics easier and allow for the circular reuse of recovered material. By removing the ink, the recovered plastic has more value, incentivizing companies to recycle more regularly.



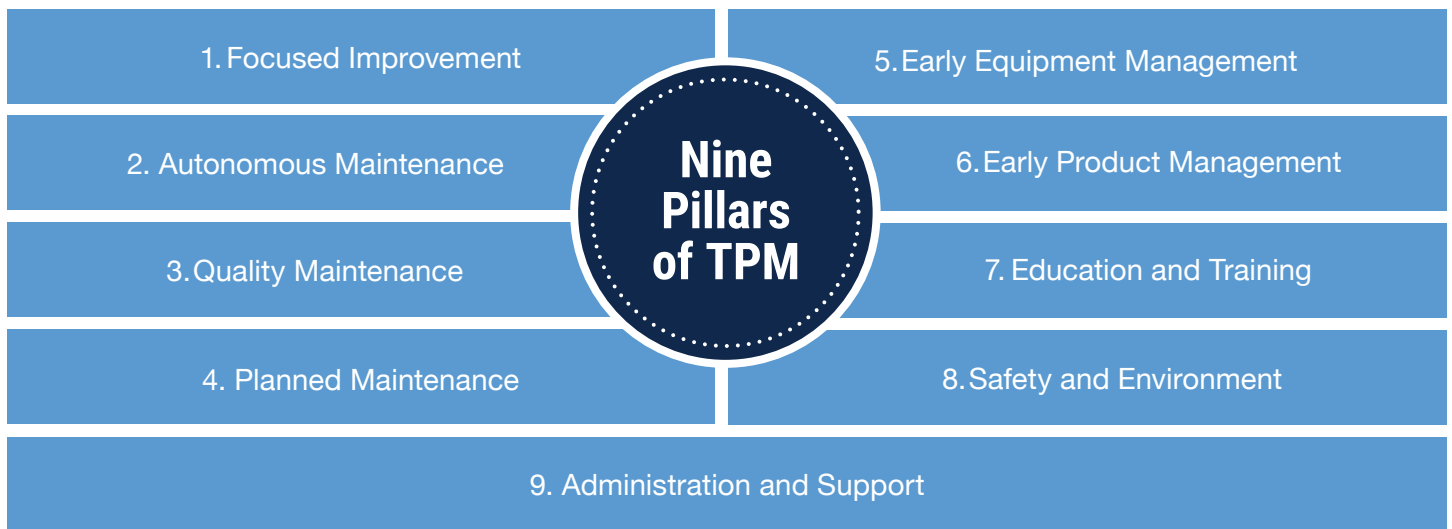
Total Productive Management Program

At the center of our Process Design efforts is our Total Productive Management (TPM) program. It is the essential operational activity of our BMS and quality assurance program. Our TPM program aligns with the UN SDGs and includes environmental impact considerations. Designed to disseminate the responsibility for maintenance and machine performance, TPM improves employee engagement and teamwork within management, engineering, and operations. The project management process used throughout the entire organization considers the SDGs at all phases of operational process design projects, from beginning to completion.

With a focus on the nine pillars of TPM and programs like 5S, Six Sigma, Continuous Improvement, and Lean Manufacturing, INX is able to utilize the varied experiences of our employees to continuously improve our manufacturing facilities and processes. Leveraging these improvements to increase Overall Equipment Effectiveness (OEE) to reduce the energy required to produce our products, while improving the working conditions for employees and reducing our impact on our environment.



Various quality programs and initiatives are part of the business culture within INX and drive our process design for the environment.



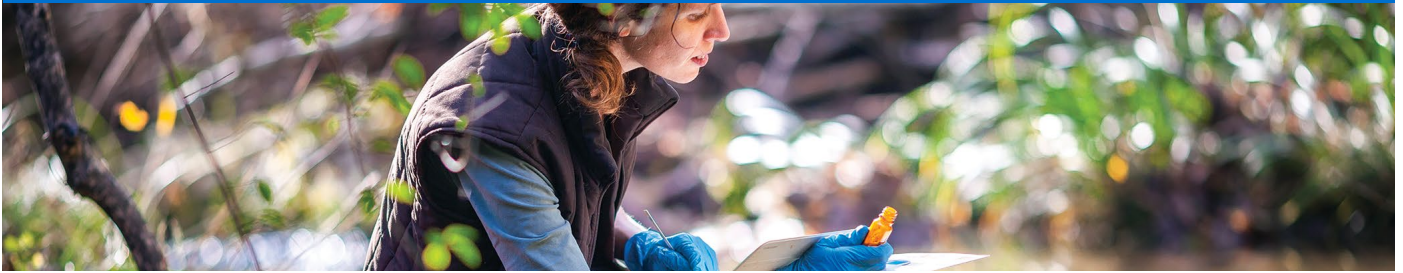
INX Project Charter

INX requires a review of the UN SDGs for every TPM Project Charter to ensure all active projects consider quality, safety, and sustainability.

The detailed analysis that takes place through our management of change and capital project tracking processes ensures that we incorporate environmental and social considerations in our operations. This has resulted in numerous process changes and technology solutions that, in align with our priority topics, reduce emissions and improve circularity.



Process Design for the Environment



INX Practices

Clean Water and Sanitation

Unmindful waste and contamination of water is one of the most serious threats affecting our planet. Essential to the company’s sustainability efforts, INX is committed to using this precious resource only as minimally required. We are continually working to reduce water use and eliminate wasteful practices by upgrading our in-house manufacturing infrastructure, ensuring comprehensive implementation of policies designed to eliminate any and all unnecessary water discharge, and employing a vigorous wastewater reduction and treatment process.



Energy & Utility Conservation

INX is committed to managing and reducing our internal resource consumption, including energy and utility consumption, by improving process energy efficiency and carbon emissions per unit of production and through more efficient product transportation. Utility Management Services are used to track and monitor utility usage at all INX plants. We conduct rigorous plant audits and analysis of our utility data to reduce and better manage our electricity, gas, water/wastewater, and petroleum usage.



Logistics Management

INX International's Corporate Logistics team leverages the technologies, solutions and services of BlueGrace Logistics, a third party logistics (3PL) provider that helps businesses manage logistics for network optimization. Through this partnership, INX minimizes the number of shipments and their distances to reduce freight, energy consumption and in-turn greenhouse gas and the carbon footprint for our entire supply chain. We use a transportation emissions tracker capable of associating emissions by mode and volume and is able to decrease our transportation emissions while also improving visibility to our environmental footprint.



Waste to Energy

INX helps to generate energy in the form of electricity and/or heat from a waste-to-energy (WtE) conversion process. When possible, our solid, non hazardous, hazardous, and municipal waste is sent to a WtE treatment plant and is processed into a fuel form making the recovery of energy possible. The “waste-to-energy” techniques follow the ‘Reuse, Reduce, and Recycle’ system addressing three concerns at once: waste-management, energy-demand, and environmental concern.





Process Design for the Environment



INX Practices



INXManager™

INX waste reduction programs are focused on improving the utilization of inbound materials, encouraging recycling, and optimizing the end-of-life of printed products. We strive to reduce waste throughout our products' lifecycles through recovery and recycling of inks and coatings using proprietary INXManager™ Software. This exclusive software program assists with color management as well as overall inventory and waste control. It enables the reuse of excess or obsolete ink and it reduces print waste, thus saving ink costs as well as waste disposal efforts and expenses.



Ink Dispensing Systems

Ink dispensing systems help reduce and eliminate expensive waste by making only what is needed for each job and working off excess inventory. INX offers a variety of ink dispensers for flexographic, conventional, and UV offset inks. Printers achieve better control and faster turnaround through on-demand ink mixing without waiting for ink to be delivered reducing product transportation and delivery needs, ultimately reducing carbon emissions.



INX Color Perfection®

A game changer for the metal packaging industry, INX Color Perfection® gives brand owners, designers, and metal decorators access to proven methods for accurate, reproducible, and consistent color throughout a global network. Using the first ever Color Catalog for beverage can design, together with a digitized color library, users can select, communicate, and approve color efficiently, streamlining their color management process and reducing their carbon footprint by avoiding urgent physical sample deliveries for color approvals and reducing travel for press approval.



Direct-to-Object Printing

INX Digital is leading the technology development and implementation of direct-to-object digital inkjet printing for decoration and packaging applications. Our inks and integration support enable the highest quality and highest speed direct imaging to pre-shaped packaging and products. Unique specialty inks are available for direct-to-glass, semi-rigid plastics, rigid plastics, wood, metal, and synthetic substrates. Direct-to-object digital printing can eliminate a label substrate and produce a decorated piece with less waste and no make-ready.




Sustainability Metrics

As part of our process improvements to support environmental goals and objectives, we continuously look for ways to improve our efforts to reduce our footprint and produce products more efficiently. We monitor key sustainability metrics to understand, manage, and reduce our environmental impact.

For nearly 20 years, we have tracked waste production, water withdrawal, energy use, and GHG emissions. Since 2015, we have achieved the following reductions in our operational resource consumption.



**Reduced
energy
intensity
by almost
10%**



**Reduced
Scope 1 and 2
emission
intensity by
32%**

In this inaugural sustainability report, we are excited to report our most recent progress on our sustainability metrics as well as our efficiency efforts to address shipping emissions.

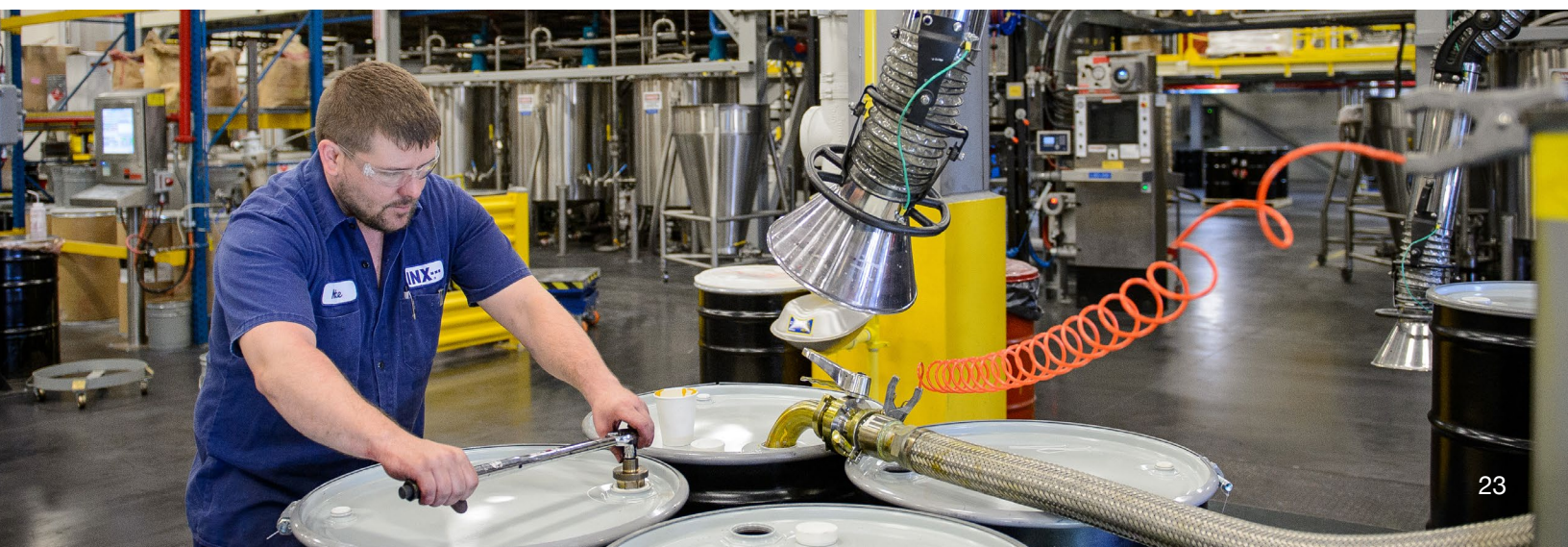
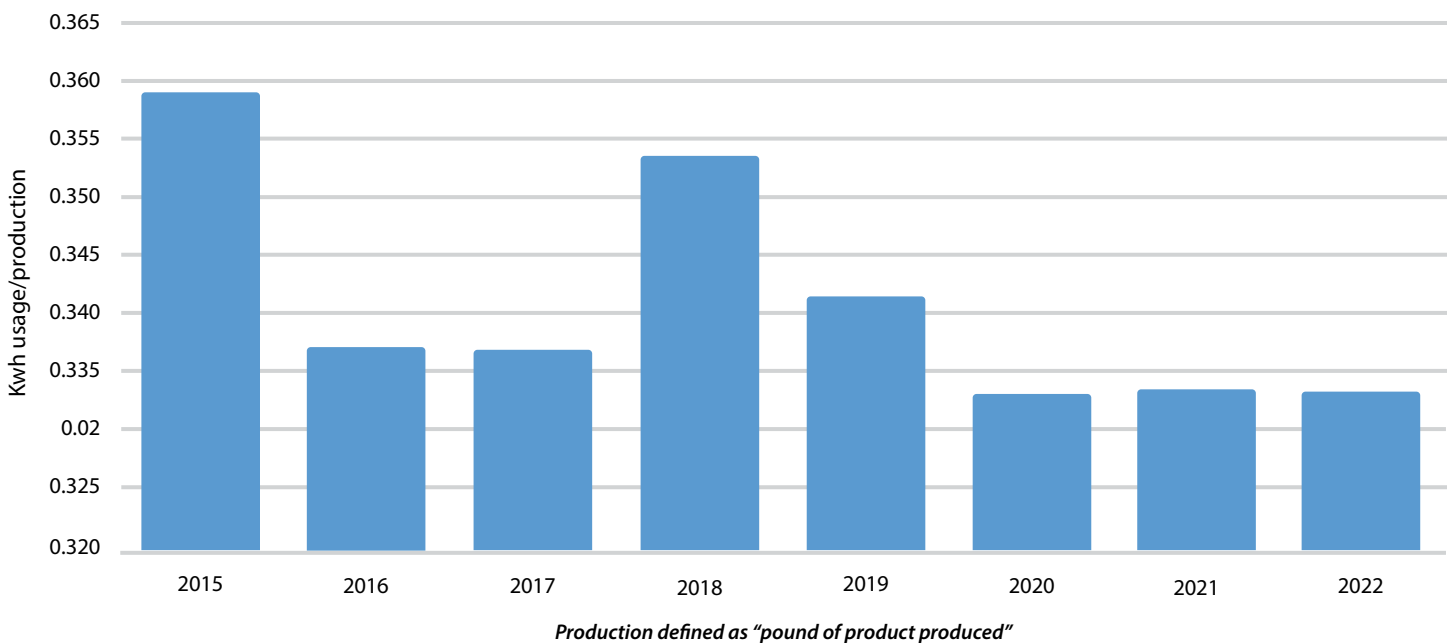
Energy and Utility Reduction

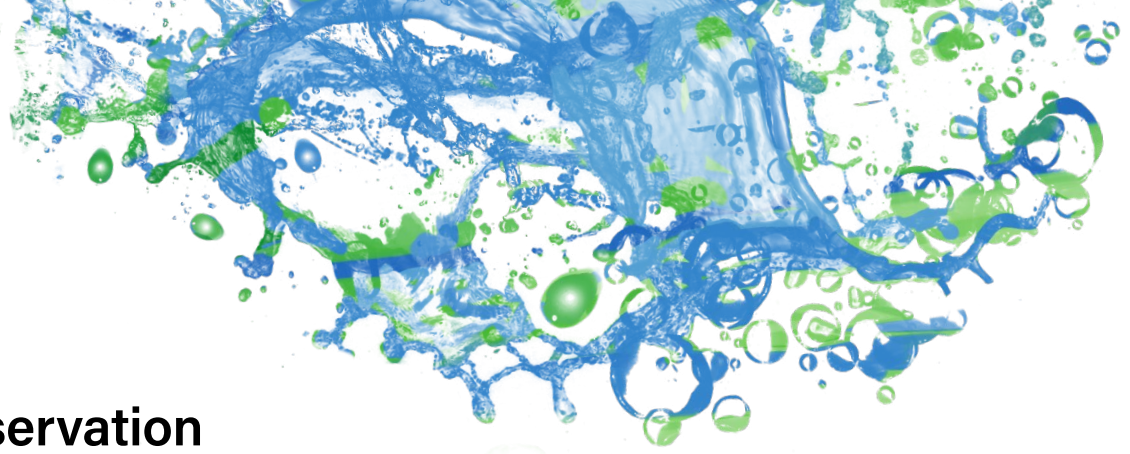
INX continually reviews all energy and utility reduction projects and analyses to help better manage our electricity, gas, water, and petroleum use. Each utility is baselined, monitored, and targeted at our facilities for future reductions, and we index targets to ensure that the data appropriately accounts for business growth.

Energy and Utility Initiatives:

- Designing TPM process efficiency projects to increase Overall Equipment Effectiveness (OEE) and reduce non-productive running time
- Purchasing and installing state-of-the-art, energy-efficient equipment and monitoring software to increase output while reducing energy
- Establishing plans to reduce infrastructure energy losses by repairing air leaks and replacing outdated lighting systems
- Approving plans for green building design for a new INX International manufacturing facility scheduled for debut in 2023
- Reducing employee risks, electricity, and natural gas use in manufacturing projects (i.e., converting to LED lighting, benchmarking or reducing off-hour electrical use, and reducing or eliminating heat loss by improving building and equipment design)
- Evaluating new equipment to ensure it is more effective at reducing energy consumption and improving efficiencies

INX U.S. Energy Use (Intensity)





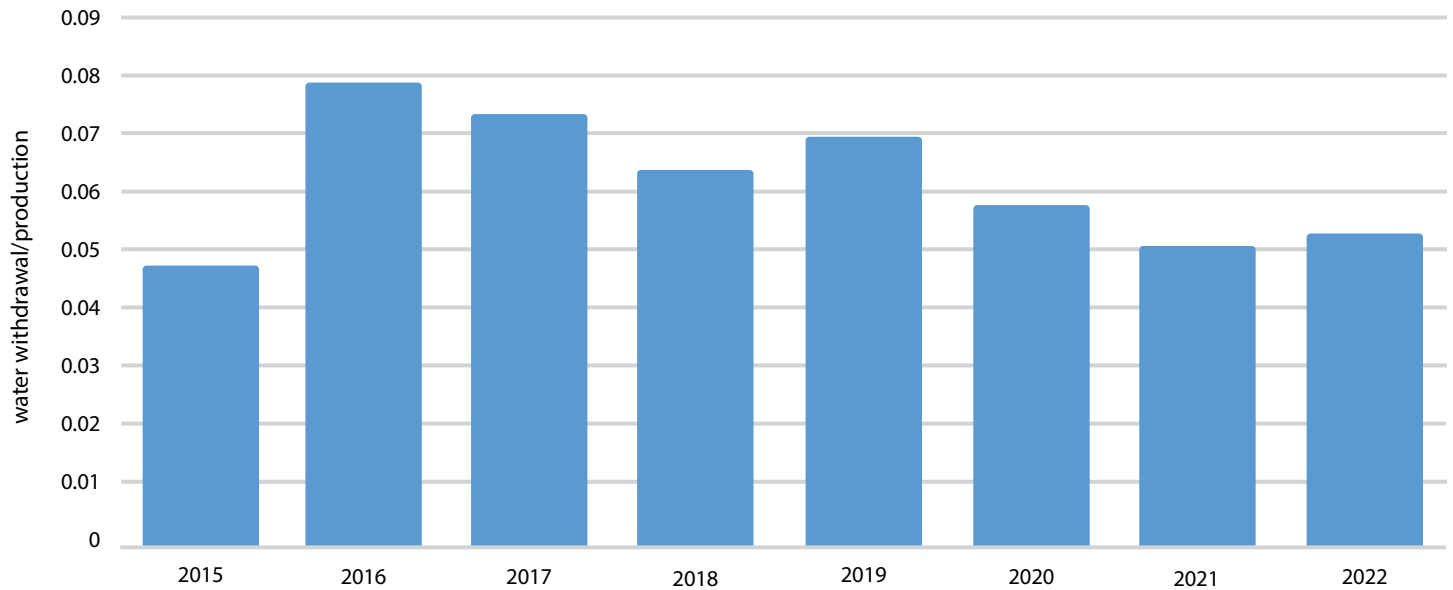
Water Conservation

We include water reductions in our efforts to manage and reduce resource consumption in our operations.

Water Reduction Initiatives:

- Emphasizing water reduction for cleaning processes and recycling cooling water to limit discharge

INX U.S. Water Withdrawal (Intensity)



Production defined as "pound of product produced"

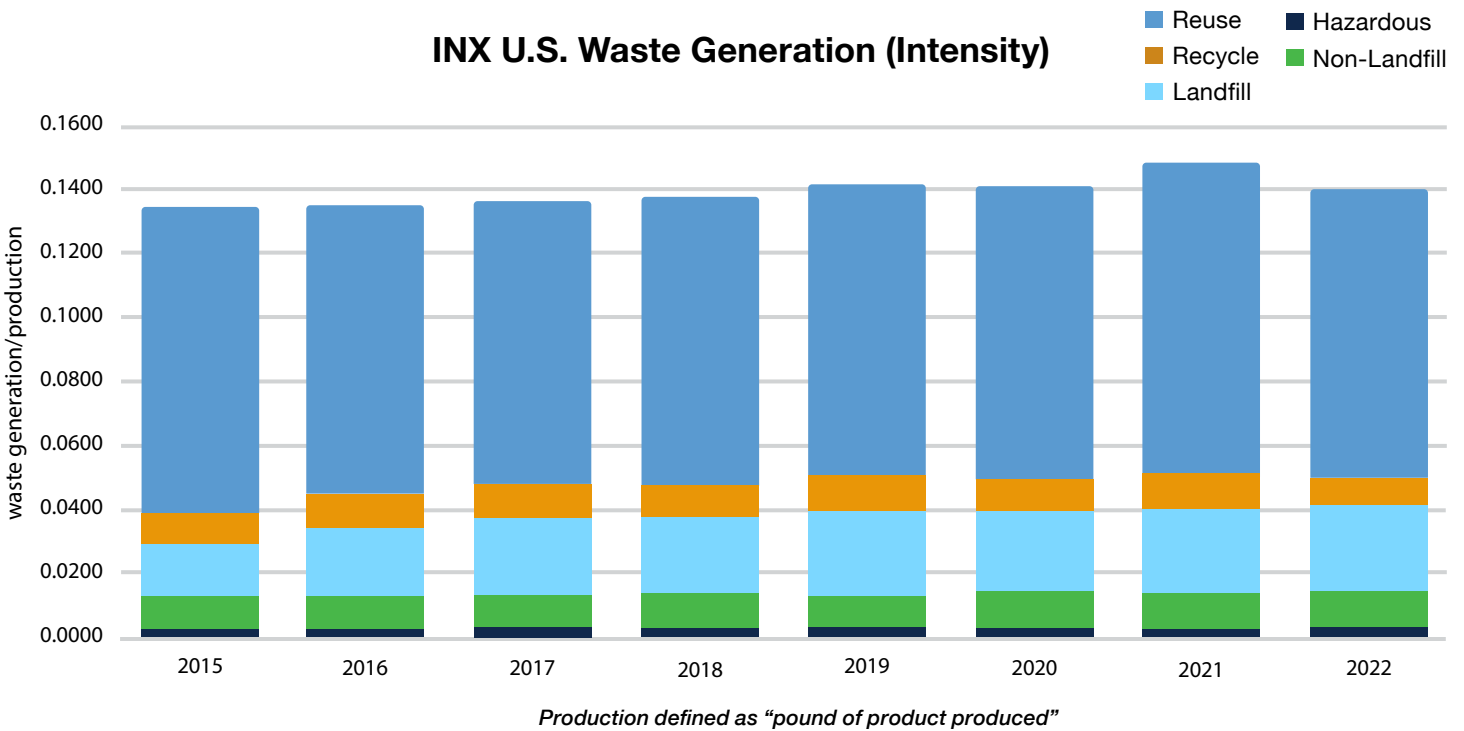


Process Waste Reduction

INX International's waste reduction program focuses on reducing total waste by improving or redesigning raw material packaging, reducing production waste, diverting landfill waste to more environmentally-friendly alternative outlets, promoting and increasing our recycling and reuse percentages, and optimizing product and material end-of-life options. All process waste generated is baselined, monitored, and targeted for future reductions.

Process Waste Reduction Initiatives:

- Purchasing and utilizing raw materials in bulk systems, where appropriate, to reduce raw material packaging waste
- Generating electricity and/or heat from a WtE conversion process instead of sending waste to landfills
- Reducing incidental production waste by modifying manufacturing processes
- Utilizing ISO practices to ensure quality products and eliminate process failures resulting in scrapped material
- Recovering and recycling inks and coatings using our proprietary INXManager® software to minimize product waste throughout the product lifecycle
- Using ink-dispensing systems to help reduce and eliminate expensive waste and work off any excess ink inventory in the dispensing system
- Training all manufacturing employees to ensure basic knowledge of UN SDGs and recycling and waste reduction activities



Carbon Emission Reduction

INX has established a GHG reduction goal for its U.S. operations to match our parent company's long-term strategic target to reduce CO₂ emissions from its manufacturing operations by 52% by 2030 compared to 2015.

Carbon Emission Reduction Initiatives:

- Installing solar fields at targeted sites
- Purchasing energy from renewable sources to reduce GHG impact
- Sourcing and using less energy-intensive raw materials in our products
- Formulating biorenewable products that replace petro-derived ingredients with clean and renewable materials
- Reducing transportation carbon emissions by efficiently and effectively getting our products to our customers on time using strategic shipping lanes and logistical software
- Enabling remote work for appropriate positions, reducing employee commuting
- Using online conference technology for meetings instead of traveling



Current GHG Emissions:

Scope 1
GHG emissions

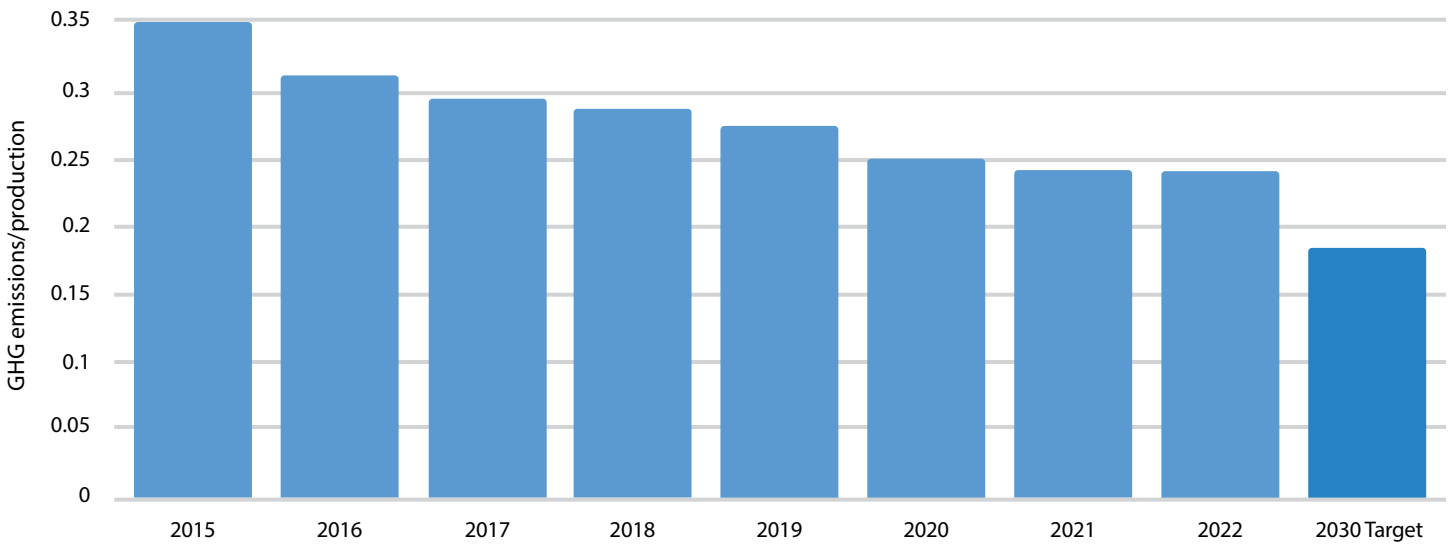
4,349 MT CO₂e

Scope 2 (location-based)
GHG emissions

8,662 MT CO₂e

Greenhouse Gas Emissions

INX US GHG Emissions Scope 1 & 2 (location-based; Intensity)



Production defined as "pound of product produced"



TPM: We have gradually expanded our TPM program to include all major U.S. manufacturing facilities. This expansion began in 2005 and was completed in 2015. Since then, we have seen our GHG reduction per pound of product produced drop by 33%.

Shipping Efficiencies

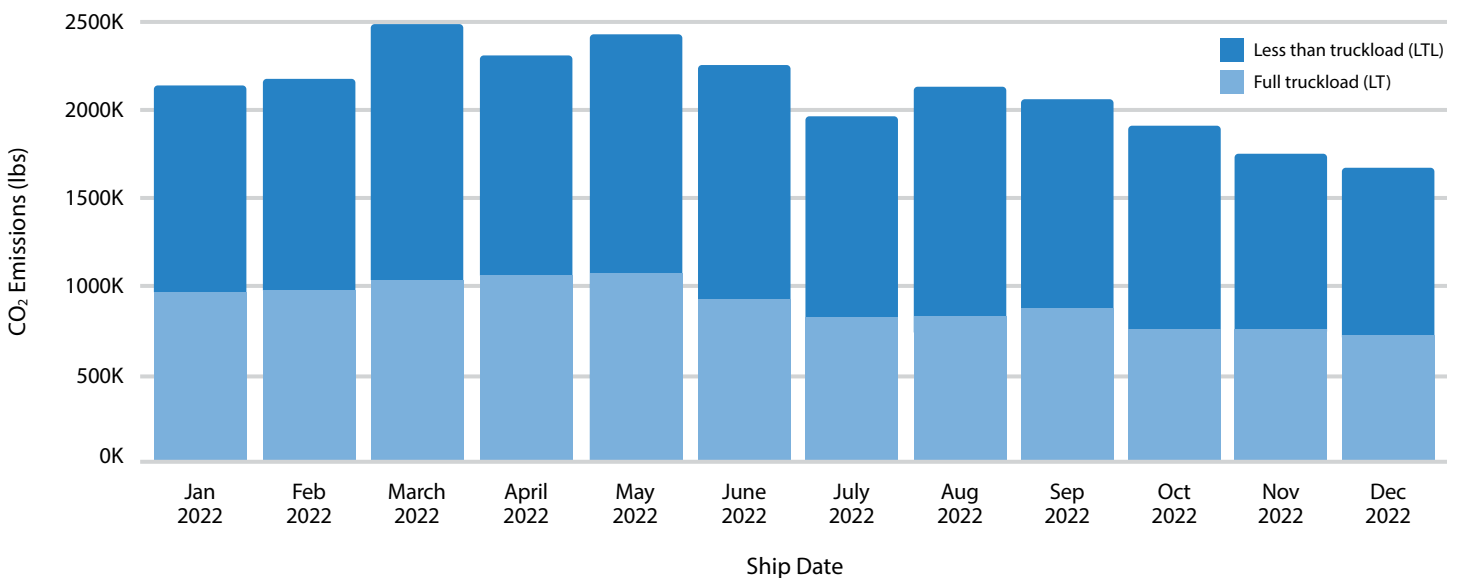
INX International's TPM program focuses on improving efficiencies and safety and reducing waste in our manufacturing facilities. Improved efficiencies and OEE result in less energy used to make our products and less GHG emissions from our operations. Our managed logistics program focuses on minimizing the number of shipments and distance traveled to reduce freight, energy consumption, GHG emissions, and the carbon footprint of our entire supply chain.

Shipping Initiatives:

- Involving employees at all levels to improve manufacturing efficiency, inventory processes, and product transportation
- Minimizing the number and distance of shipments to reduce freight, energy consumption, GHG emissions, and the carbon footprint of our entire supply chain
- Utilizing a transportation emissions tracker capable of associating emissions by mode and volume, enabling us to decrease our transportation emissions and improve the visibility of our environmental footprint

25%
reduction in
transportation emissions
from Q1 22 to Q4 22

Emissions by Mode (last 12 months)



Manufacturing Case Studies

INX International's utilization of TPM projects involves full commitment from the entire operation, including maintenance, production, line operators, and top management. This approach ensures competitive buy-in and contributions from all departments. The following employee projects were designed to reduce hazardous waste amounts generated annually and the toxicity of the current remaining waste product.

INX West Chicago

INX West Chicago converted from a commercial parts washer that used a hazardous chemical for cleaning to a simpler parts cleaning system. This improved cleaning system is a more environmentally-friendly solution that is recycled in house and eliminates the hazardous waste disposal.



INX Appleton

INX Appleton investigated the most significant electrical users in the facility and undertook a project to reduce the energy consumption in recovering solvent used to clean equipment and containers. The distillation process was reviewed and optimized, resulting in reduced scrapped material and reduced electrical use.



INX Edwardsville

A cooperative effort at INX Edwardsville produced a new tub washer procedure. This new procedure reduced the hazardous chemicals required to wash the tubs and significantly reduced the energy consumed by enabling the tubs to be cleaned at a lower temperature with shorter cycle times.





Social Responsibility





Social Responsibility

At INX International, our success is only possible with the vitality of the local communities where we operate. Having a positive impact for our customers, consumers, and communities is the foundation of our social responsibility commitment. INX believes that fulfilling its corporate social responsibility (CSR) is essential to the company’s sustained growth. Our policy is to carry out our CSR activities with an awareness of the social, environmental, and economic impacts, pursuing a good balance and interaction among these three aspects. We will act with integrity and contribute to economic development while improving the quality of life of our employees and their families, the communities where we work, and society.

INX International Collaborations

We believe that working with community organizations that seek solutions to society’s major problems leads to substantial and far-reaching benefits for both our employees and the people in the communities where we do business. A few of the charities we support are highlighted below.



CW4K Canned Water for Kids

INX has been a main sponsor and has supported CW4K Canned Water for Kids for over 12 years. Their purpose is to make sure all children, worldwide have access to clean, safe drinking water. 95% of the money collected by CW4K is from the sale of their drinking water packaged in aluminum bottles and cans, all proceeds goes toward funding sustainable, clean drinking water projects. Private donors cover their operating costs.

American Heart Association

Each year INX International participates in the American Heart Association’s Heart Walk. The Heart Walk is the American Heart Association’s premier event for raising funds to save lives from this country’s No. 1 and No. 5 killers - heart disease and stroke.



Habitat for Humanity

One of INX’s many volunteer activities include supporting Habitat for Humanity, a nonprofit organization that helps families build and improve places to call home. We believe affordable housing plays a critical role in strong and stable communities.

Center For Exceptional Children and The Hole in the Wall Gang

Together with our customers, INX International gives significant support to the Center for Exceptional Children in Winston-Salem, N.C. and The Hole in the Wall Gang in NYC. Both of these organizations provide services, programs, and facilities dedicated to one thing: helping children and their families thrive.



Our Why

Our social responsibility commitments are founded on making a difference for our customers, consumers, and communities.



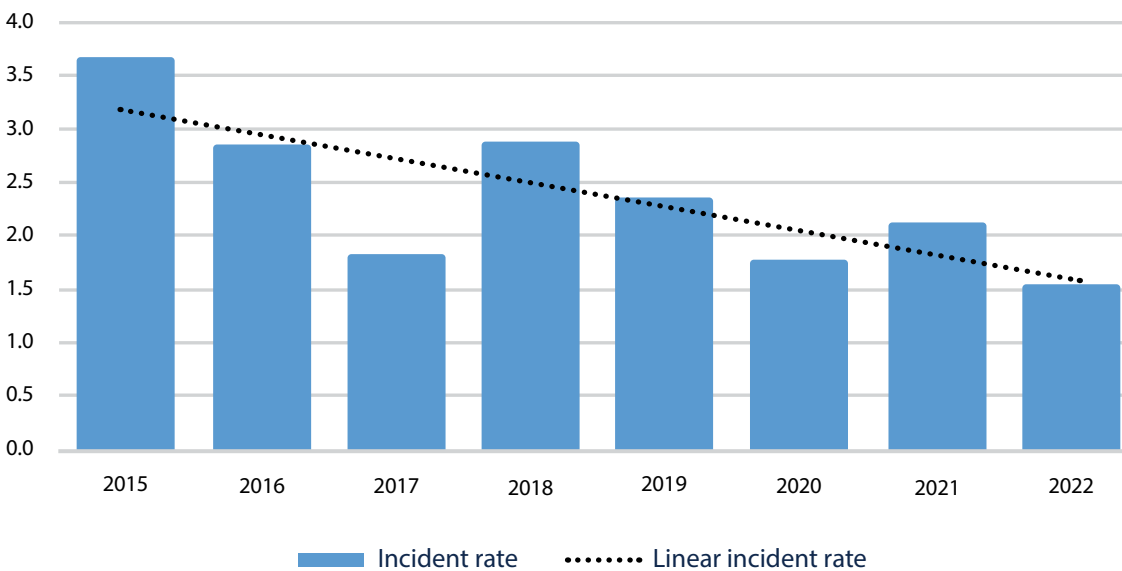
Employee Safety



Occupational health and safety is one of our top priorities. Our goal every day is that our employees leave work in the same, or better, condition than they arrived. We take our responsibility for our employees' health and safety extremely seriously. INX is committed to providing all employees with a work environment free of recognized hazards that complies with all applicable safety regulations. We are dedicated to conducting our business in compliance with local, state, federal, and worldwide environmental regulations. We implement a robust safety incident and hazard recognition program to reduce and eliminate hazards.

Using TPM and ISO 45001 methodologies, we have reduced loss and risk to employees and our surrounding communities. By thoroughly reviewing our processes, we have eliminated, substituted, or engineered out unnecessary steps and procedures, resulting in less manual material movement, and reducing exposure of our employees to harmful chemicals, and using more environmentally-friendly raw materials.

Accident Incident Rate



29%
decrease
in incident
rate in 2022
compared
to 2021.

Incident rate calculation follows the Occupational Safety and Health Association (OSHA) methodology.



Anti-Corruption and Ethics

At INX, we ensure all employees understand the vital importance of ethics and fair business practices. Ethical Business and Integrity is one of our priority topics and a cornerstone of our workforce training and operations.

Our Ethics policy defines our ethical expectations for all employees and suppliers. We believe it is essential that all companies operate with full respect for the law, human rights, and ethical behavior.

To monitor our supply chain, we have our largest suppliers complete an annual survey regarding their labor, human rights, and fair business practices, as well as their environmental performance.



**ETHICAL BUSINESS
AND INTEGRITY**

Employee Wellness

Employee Growth

We are committed to the attraction, retention, and motivation of a superior workforce. We recognize that the long-term viability of our company rests with the wellbeing of our employees. We have carefully considered both aspects in the design and implementation of the benefits, services, and programs we offer to ensure our employees' success.

Our merit pay program, benefit plans, and supplemental employee services add to the quality of our employees' work and family life.

Employee Engagement

INX recognizes the knowledge and skills of each of our employees. To leverage their expertise, we incorporate employee project ideas into our continuous improvement process. Previous employee projects resulted in reduced hazardous waste and improved energy efficiency. Example projects are spotlighted in the [Manufacturing Case Studies](#) section of this report.

Diversity

Our company is enriched by the diversity of our workforce. Recognizing that our employees and their commitment are the most important source of our competitive strength, we are dedicated to providing a productive work environment free from discrimination and harassment.

Diversity and Equal Opportunity is one of our priority topics, as INX recognizes both the ethical and business imperatives to provide our employees with equal opportunity and an environment free from discrimination. This is essential to the wellbeing of our workforce and our long-term success as a company.



**DIVERSITY
AND EQUAL
OPPORTUNITY**

Working with Trade Associations

INX is involved with several internationally recognized third party certification programs. These programs help to keep us at the forefront of sustainability, knowledge and leadership:

Sustainable Packaging Coalition – SPC

MEMBER OF



Sustainable Green Printing Partnership – SGP (Silver Patron)



Programme for the Endorsement of Forest Certification – PEFC (Global)



The Brazilian Certification Program – CERFLOR (Brazil)



Forest Stewardship Council – FSC (Global)



American Tree Farm System – ATFS (USA)



GRI Index



GRI is the independent, international organization that helps businesses and other organizations take responsibility for their impacts, by providing them with the global common language to communicate those impacts.

INX International has reported the information cited in this GRI content index for the period [January 1, 2022- December 31, 2022] with reference to the GRI Standards.

GRI Topics		
General Disclosures		
2-1	Organizational Details	<ol style="list-style-type: none"> 1. Legal name: INX International Ink Co. 2. Nature of ownership and legal form: INX International is a wholly owned subsidiary of Sakata INX 3. Location of headquarters: Schaumburg, IL, USA. 4. Countries of operation: US
2-2	Entities included in the organization's sustainability reporting	About this report (pg. 4)
2-3	Reporting period, frequency and contact point	<ol style="list-style-type: none"> 1. Reporting Period: January 1, 2022- December 31, 2022 2. Frequency: Annually 3. Point of Contact: greenteam@inxintl.com
2-17	Role of the highest governance body in sustainability reporting	Governance of Our Sustainability Strategy (pg.12)
2-28	Membership associations	Trade Associations (pg. 33)
2-29	Approach to stakeholder engagement	Priority Metrics (pg. 8)
Material Topics		
3-1	Process to determine material topics	Priority Metrics (pg. 8)
3-2	List of material topics	Priority Metrics (pg. 8)
3-3	Management of material topics	Priority Metrics (pg. 8)
Energy		
302-3	Energy intensity	Energy Reduction (pg. 23)
302-4	Reduction to energy consumption	Energy Reduction (pg. 23)

GRI Topics

Water and Effluents

303-3	Water Withdrawal	Water Conservation (pg. 24)
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Emissions

305-1	Direct (Scope 1) GHG emissions	Carbon Emission Reduction (pg. 26)
305-2	Energy indirect (Scope 2) GHG emissions	Carbon Emission Reduction (pg. 26)
305-4	GHG emissions intensity	Carbon Emission Reduction (pg. 26)
305-5	Reduction of GHG emissions	Carbon Emission Reduction (pg. 26)

Waste

306-2	Management of significant waste related impacts	Process Waste Reduction (pg. 25)
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Occupational Health and Safety

403-1	Occupational health and safety management system	Employee Safety (pg. 31)
403-3	Occupational health services	Employee Safety (pg. 31)
403-6	Promotion of worker health	Employee Safety (pg. 31)
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Employee Safety (pg. 31)
403-9	Work-related injuries	Employee Safety (pg. 31)

Local Communities

413-1	Operations with local community engagement, impact assessments, and development programs	INX International Collaborations (pg. 30)
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Final Thoughts

We recognize the increased attention from customers, shareholders, and employees to embrace and embed sustainability within a business' products, services, and culture. This isn't new to INX International; we have always taken sustainability seriously. We recognize that, in the course of delivering high-quality products and services, we have a duty to do so in a sustainable and socially-responsible manner.

We are dedicated to driving increased sustainability throughout our value chain — with our suppliers, customers, and the communities and regions in which we live and operate.



Additional resources and information are available at www.greeninx.com.



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