



SDG Alignment

Coloring a
Safe & Sustainable
Future

Coloring a Safe & Sustainable Future (CSSF) Model

Coloring a Safe and Sustainable Future (CSSF) is the model we use to illustrate how sustainability is integrated into both the strategic as well as the day-to-day activities of our business. It serves to guide us as we work to improve our sustainability performance while addressing the needs of brand owners, customers, and consumers. CSSF helps us to better define the business value of our sustainability commitments and is intentionally linked with our corporate vision and mission. It identifies the key initiatives we will continue to invest in as we promote the tenets of a Circular Economy. It also supports the United Nations 2030 Agenda for Sustainable Development, and we have identified and aligned UN Sustainable Development Goals (SDGs) with our three main areas of impact: Process Design, Product Design, and Social Responsibility.



UN SDG Alignment

6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



3 GOOD HEALTH AND WELL-BEING



8 DECENT WORK AND ECONOMIC GROWTH



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES





Process Design for the Environment



INX Practice

	6 CLEAN WATER AND SANITATION 	7 AFFORDABLE AND CLEAN ENERGY 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
<p>Clean Water and Sanitation</p> <p>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 and/or eliminate wasteful water usage 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. We strengthen and expand our efforts in this area by establishing partnerships with vendors, customers, and community organizations that share our dedication to using water more efficiently, and we work together to create a more sustainable planet.</p>				
<p>Energy & Utility Conservation</p> <p>INX is committed to managing and reducing our internal resource consumption, including energy and water 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, petroleum, and telecommunications usage.</p>				
<p>Waste to Energy</p> <p>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, Recycle, Recovery, and Reclamation' system addressing three concerns at once: waste-management, energy-demand, and environmental concern. Moreover, these methods have easy operability, are cost effective, and they help shift from the linear model to the circular model of economy for sustainable development.</p>				



Process Design for the Environment

INX Practice

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 on 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®

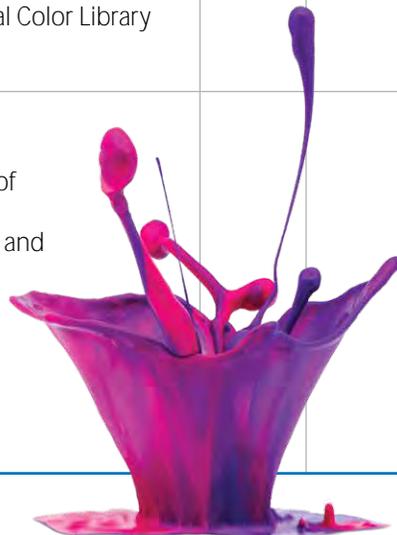
A game changer for the metal packaging industry, INX Color Perfection gives brand owners, designers, and metal decorators access to proven methods for accurate, reproducible, and consistent color throughout a global network. Using the first ever Color Catalog for beverage can design and decorating, together with a digitized color library, advanced digital proofing, and best-in-class ink, users can reduce lead times and get to market quicker.

Users of the INX color catalog 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. The proprietary INX numbering system includes over 600 removable metal color swatches and access to the same INX colors via the INX Digital Color Library available in Adobe® design programs.

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.

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Ink Dispensing Systems				
INX Color Perfection®				
Direct-to-Object Printing				





Product Design for the Environment



INX Practice

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INXCure™ UV/EB and Low Energy

The INX line-up of energy curable products combined with the level of knowledge and support from our R&D group provides customers with the assurance that they receive the most advanced products available to keep them ahead of the competition. 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.

			
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GelFlex™ EB

Multiple layers in plastic packaging are difficult to recycle because they are laminated together and are difficult to separate. Using our GelFlex electron beam curable flexographic inks allows you to reduce or eliminate lamination layers. These high-performance inks are compliant with migration limits established by the U.S. Food and Drug Administration, and they also meet the Nestlé® packaging requirement as well as the chemical composition requirements established by the Swiss Ordinance.

Using virtually no solvents, its gel-based technology allows ink to adhere almost instantly to a substrate by way of a covalent bond which results in no color bleed. 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.

			
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Genesis™ GS Washable Inks

Recognized by the Association of Plastic Recyclers, INX Genesis GS washable inks make it easier to recycle plastic films used in packaging. The high-performance ink is de-inkable from shrinkable cPET films and floatable with roll-fed OPP labels. Minimal bleed in the caustic wash step of the recycling results in marginal impact on recycled PET discoloration allowing for 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.

			
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Product Design for the Environment

INX Practice

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 research and development, 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.

INX has worked for many years to fully understand the factors affecting migration, and we have developed a complete product portfolio of low migration inks and coatings to support the packaging chain across a range of print processes and applications. We are committed to full compliance with the "EuPIA Guideline on Printing Inks applied to the non-food contact surface of Food Packaging & Articles."

Our low migration inks and coatings include: UV, EB and LED flexographic and offset inks, high-performance sheetfed inks, energy curable coatings, and oil-resistant gas barrier coatings.

INXhrc™ Natural-based inks

INX supports the goal of lowering CO₂ emissions by developing natural-based, biorenewable inks that reduce regulatory risk and provide measurable, reportable CO₂ savings to brand owners and printers. By increasing the biorenewable content of our products, we reduce the effective carbon footprint of our inks and our company's reliance on finite oil resources.

INXhrc high-performance, biorenewable 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 50 to 90 percent 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.*

Our INXhrc product line includes water-based flexographic and gravure inks for paper packaging, including quick-serve restaurant packaging, bags, cups, and cartons; conventional offset inks for folding cartons; UV dry offset inks for rigid plastic containers; and solvent-based flexographic and gravure inks for surface printing of paper and film substrates.

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

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Low Migration Inks and Coatings				
INXhrc™ Natural-based inks				



NATURAL-BASED INK SYSTEM





Social Responsibility



INX Practice

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<p>Safe and Healthy Work Environment</p> <p>We are committed to a safe and healthy work environment for all employees. We strive to comply with (and in many instances, surpass) all applicable health and safety laws and regulations, and we correct all hazardous conditions when they occur. We implement a robust safety incident and hazard recognition program to reduce and eliminate hazards. We are committed to providing a productive work environment free from discrimination and harassment. Our merit pay program, benefit plans, and supplemental employee services add more to the quality of our employees' work and family life.</p>	●			
<p>Community and Charity Support</p> <p>We believe that working with community organizations who are seeking solutions to the major problems of society leads to substantial and far-reaching benefits for both our employees and the people of the communities where we do business.</p> <p>We invest in and support programs like Canned Water for Kids, a non profit that helps provide clean and safe drinking water for kids, and Habitat for Humanity, a program that helps people in our community and around the world build or improve the place they call home. We also support the American Heart Association and the Center for Exceptional Children, to name a few.</p>	●			●
<p>Business growth by innovation and investment</p> <p>Our company mission is to lead the industry in delivering innovative, safe, and sustainable solutions that enhance the customer experience. To realize our vision, we innovate packaging, products, and sensorial experiences that are safe, sustainable, and support the circular economy. We serve as role-models in working collaboratively with customers to drive business growth that benefits our employees, consumers, and the environment.</p> <p>With continual reinvestment of profits, we consistently improve our manufacturing facilities, research and development capabilities, environmental programs, and employee skills. Our goal is to create a new, world-class technological synergy to assist the customers we serve.</p>		●		



Social Responsibility

INX Practice

Employee Growth

We are committed to the attraction, retention, and motivation of a superior workforce. We approach our commitment to our employees with an equally balanced commitment to the viability of our company. We have carefully considered both aspects in the design and implementation of the benefits, services, and programs we offer.

Our company is enriched by the diversity of its workforce. Recognizing that our employees and their commitment are the most important source of our competitive strength, we are committed to equal employment opportunity and fair, nondiscriminatory treatment of all employees.



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