



INKTECH
INNOVATION IN INK



Sustainability Plan



Introduction

This plan outlines our commitment to align with UK government and international strategies, aspirations and legislations between now and 2050 to ensure all areas of our ink manufacturing business comply with the Paris Agreement, a legally binding international treaty that entered into force on 4 November 2016.

It marks the beginning of a shift towards a net-zero emissions world. The Paris Agreement sets long-term goals to guide all nations to:

- Substantially reduce global greenhouse gas emissions
- Limit the global temperature increase in this century to 2 degrees Celsius while pursuing efforts to limit the increase even further to 1.5 degrees.
- Review countries' commitments every five years
- Provide financing to developing countries to mitigate climate change, strengthen resilience and enhance abilities to adapt to climate impacts

In line with this international legislation of achieving zero greenhouse gas net emissions by 2050, we are committed to delivering our plan by 2050, if not sooner.

Our commitment to being a sustainable manufacturing business and friendly to the environment is at the heart of everything we do.



Locations

This Sustainability Plan covers our ink manufacturing site in Rochdale, Greater Manchester, England and our warehouse and storage facility in Tilburg, The Netherlands.



Sustainable Actions Completed

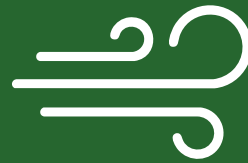
Smart Air Investment

As part of the Carbon Trust's IEEA programme we have carried out a digital upgrade to our existing LEV technology in 2024 which will save up to 70% on system running costs as well as improving performance. This cutting-edge Smart Air extraction system improves the working environment, harvests energy from the emissions thus reducing our electricity consumption and reduces organic pigment waste. We estimate that we will reduce our carbon emissions by over 10,000 kilograms a year

Sourcing Renewable and Sustainable Energy

The business has recently agreed to source and buy its energy from renewable and sustainable sources commencing from March 2025 onwards, for a 3 year contractual period, which will reduce the businesses overall carbon footprint.

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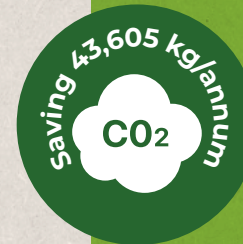
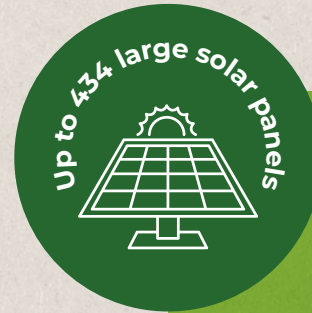


Solar Panels

The business has committed to installing a large and comprehensive solar panel project during 2025. The project will see the installation of up to 434 large solar panels on all the manufacturing roofs at the Rochdale site which will generate up to 187,144 kWh/annum, saving 43,605 kg/annum of carbon saved every year for the next 25 years. This initiative will transform the carbon footprint of the business immediately and for the years to come.

Staff Harmonisation

The business has committed to a comprehensive staff harmonisation programme that will align all manufacturing and laboratory staff working hours from Q1 2025, so all staff have an agreed start times and end times which is estimated to save the business 15% of its energy costs.



Our Gas heating

Our gas use is highly regulated by our supplier, and we are obliged to use our gas heating within set parameters and UK Legislation. It is serviced every six months to ensure optimum performance and energy efficiency.

EV Charging Points

The business has installed 3 EV charging points at the Rochdale manufacturing site to support our staff and to ensure some business travel is more sustainable.





Press Returns

We work collaboratively with our customers to reduce printing ink waste, and we use innovative and state of the art systems to rework press returns, thus becoming more sustainable and energy efficient.

Quality Control

We have implemented 100% quality control checks on all manufactured products so they are exactly the same everytime, thus reducing any manufacturing waste, and providing our customers with high quality, and consistency produced liquid packaging inks.

Cardboard and Metal Packaging

All of our cardboard and metal waste from the manufacturing site is recycled and does not go to landfill.

IBC's

The printing ink manufacturing site in Rochdale mainly uses recycled IBC's which proves we look at all aspects of our business to become more sustainable and environmentally friendly. We take the approach of creating a circular economy for IBC usage.

Pallets

We re-use a high proportion of the pallets provided to the business, for our own purposes, this reducing the need to buy virgin fibre wooden pallets.

70% PCR Recycled Plastic Packaging

Commencing from 1st December 2024, the business has changed its virgin plastic Ink buckets to a more sustainable option, which has 70% PCR (Post Consumer Recycled) content. These PCR buckets are the most sustainable option available to the business. The business is committed to reviewing all of its packaging needs and requirements to seek and source more sustainable options.





LAPPC compliance

As part of our commitment to environmental responsibility we fully comply with Local Air Pollution Prevention and Control (LAPPC) regulations. We operate under the Environmental Permitting (England and Wales) Regulations, ensuring that our manufacturing processes adhere to strict emission control measures. We actively monitor and reduce volatile organic compound (VOC) emissions, implement best available techniques (BAT) to minimise environmental impact and work closely with regulatory authorities to maintain compliance and continuously improve our performance.

Raw Material Sourcing

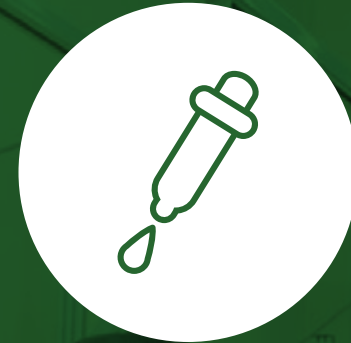
We are committed to responsible sourcing of raw materials, prioritising suppliers who share our sustainability values. We actively seek to reduce the environmental impact of our raw materials by exploring lower-impact alternatives where feasible while maintaining the high performance of our ink products

Development of Sustainable Ink Solutions

As part of our commitment to reducing environmental impact we are actively formulating, developing, and offering water-based ink solutions that match the performance of our solvent-based products. Our research and development efforts focus on creating high-quality, sustainable alternatives that meet the demands of the packaging industry without compromising on durability, adhesion, or print quality. By expanding our portfolio to include eco-friendly options we support our customers in making more sustainable choices while maintaining the highest industry standards.

Inks

The majority of our manufactured inks are used in the Food Packaging sector, and we pass stringent tests and trials to ensure they are not harmful and are in accordance with UK legislation.



Employee Training Policy

Our Training Policy is ongoing and is continually reviewed and modified on a monthly basis. During their induction, our new employees are encouraged to read, observe, train on and support all key areas of our Environmental Awareness Policy, which they have signed up to.



Maintenance & Regular Audits

We are stringent about the Cleaning, Inspection and Lubrication of our machinery and ensure ongoing maintenance of these and complete monthly Inspection Sheets to meet not only with our strict Health & Safety Guidelines, but also to ensure our machines operate at their optimum efficiently levels, which should in turn decrease energy wastage.



Future Sustainability Plans

Lighting – Offices and Manufacturing

The business has committed to undertaking a full lighting survey for all its office and manufacturing sites to investigate the quality and performance of the lighting used, with a view to implementing more efficient LED lighting. If the business justification is viable then the business will opt for migrating to LED lighting that uses less energy for the same output, that has longer life and over the long-term will cost the business less.

Lighting - External

Outside spotlights are being reviewed and LED lights are being considered, which makes for far more efficient usage of electricity and overall the use of less power.

Water

The conservation of water is a high priority for us and its used in the ink manufacturing process.

Accreditations

We are stringently audited and monitored annually on our Environmental, Quality and Health & Safety certifications to ensure we continuously adhere to their exacting standards across all areas of our business.



Certifications

We are proud to have secured the following Certifications:

ISO 9001 Certification – Quality

ISO 14001 Certification – Environmental Management (in process)

ISO 45001 Certification – Health and Safety

EcoVadis – Committed Status

Sedex – B Member

Our Future Commitment

We are determined to work closely and proactively rather than reactively with our many suppliers and customers to develop more efficient ways to achieve the medium and long-term goals we have in mind in creating a more sustainable future. We believe with innovation and a forward-thinking attitude we can eliminate wastefulness and achieve excellent sustainability for the Inktech business.

Energy

We are committed to reducing our electricity usage continually and monitor and document this on a monthly basis so energy efficient measures can be implemented. We are aiming to consistently reduce electricity consumption at all sites, and are even taking simple steps such as switching off lights, mills, compressors, and extractor fans at the end of shifts or during staff breaks, ensuring staff are consistently mindful of usage, is making a difference.



Carbon Footprint

We are continuously reviewing measures over the medium term to reduce our carbon footprint and reduce our energy consumption across all areas of the business. Through our energy-saving measures we are continually saving carbon.

Distribution

We have exciting plans to upgrade and expand our customer service offer, with a larger delivery vehicle that will help optimise our customer deliveries, this reducing fuel usage and become more economical.

Further Increased Investment in Water-Based and Low-VOC Inks

We will continue to expand our range of water-based and low-VOC ink solutions, investing in research and development to ensure they meet the highest performance standards while reducing environmental impact.



Solvent Recovery and Recycling

We plan to enhance our solvent recovery and recycling systems to minimise waste, reduce emissions, and improve resource efficiency in our manufacturing processes.

Further Sustainable Packaging Initiatives

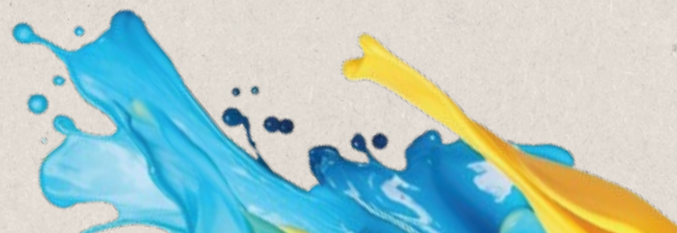
We are committed to improving the sustainability of our packaging materials by using further recyclable options where possible.

Collaboration with Industry and Supply Chain

We will work closely with suppliers, customers, and industry partners to promote sustainable practices across the entire supply chain from raw material sourcing to end-use applications.

Employee and Customer Education

We will provide ongoing training and awareness programs for employees on sustainability best practices and support our customers in making informed, eco-friendly choices when selecting our products.



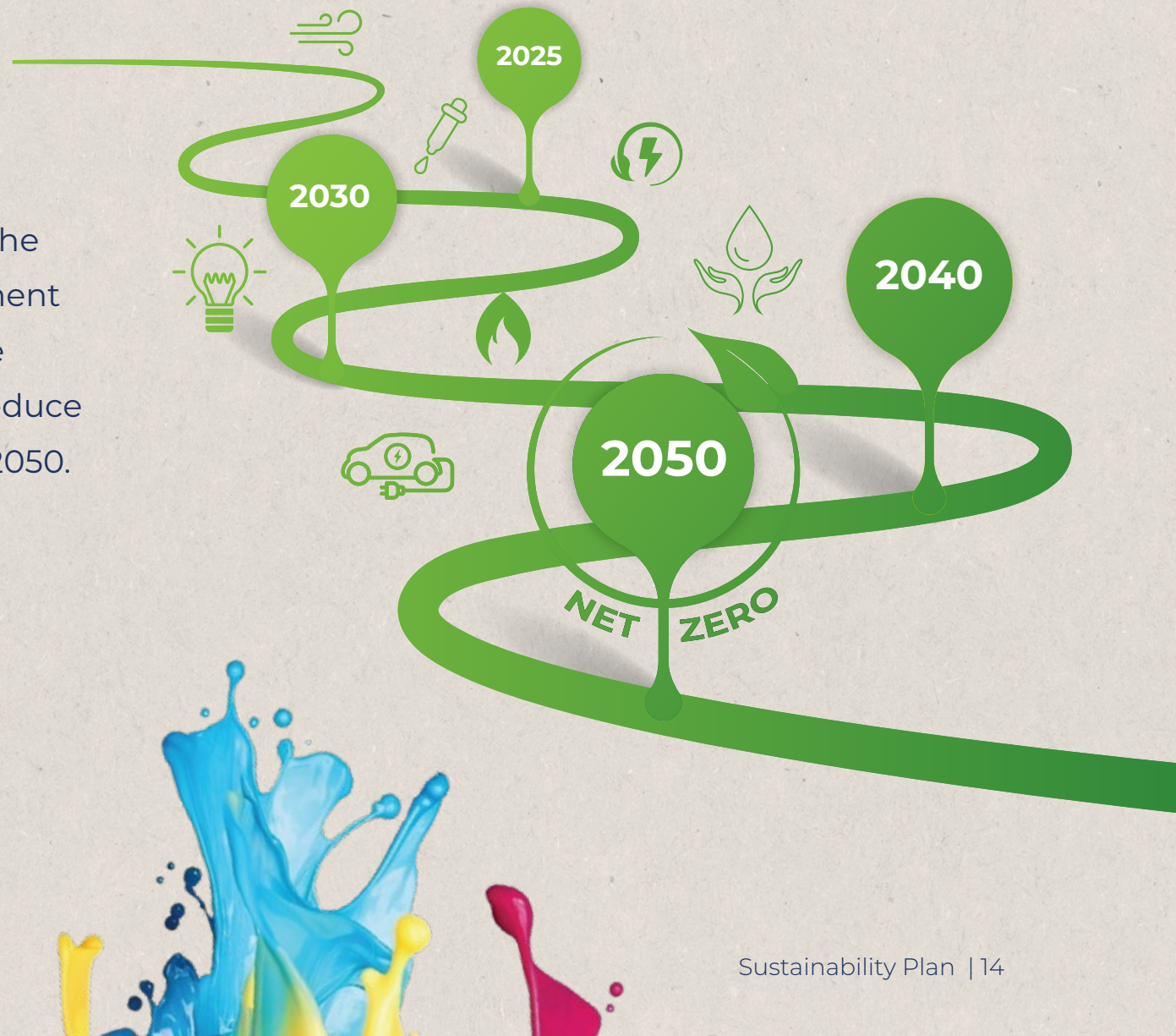
Our Long-Term Plan

By 2050

We are consciously and conscientiously working towards the goals outlined in the Paris Agreement and we will continue our proactive approach in all efforts to further reduce emissions to achieve Net Zero by 2050.

Information requests

All documents and information referred to in this Plan are available upon request.





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