

NCP

— NEW CREATION PRINT —

# SUSTAINABLE

P R I N T I N G   G U I D E

10 Simple Steps  
To reducing the environmental  
impact of your next print project.



# Introduction

Welcome to this comprehensive guide on reducing the environmental impact of your printing projects. At New Creation Print, we understand the importance of sustainability and are committed to helping businesses like yours adopt eco-friendly printing practices. In this eBook, we will explore various strategies and techniques to minimize your environmental footprint while maintaining high-quality print results.

If you're an existing New Creation Print customer, we have good news. The principles of this guide underpin every component of our daily operations, so you can rest easy knowing you're making a greener choice with every project.

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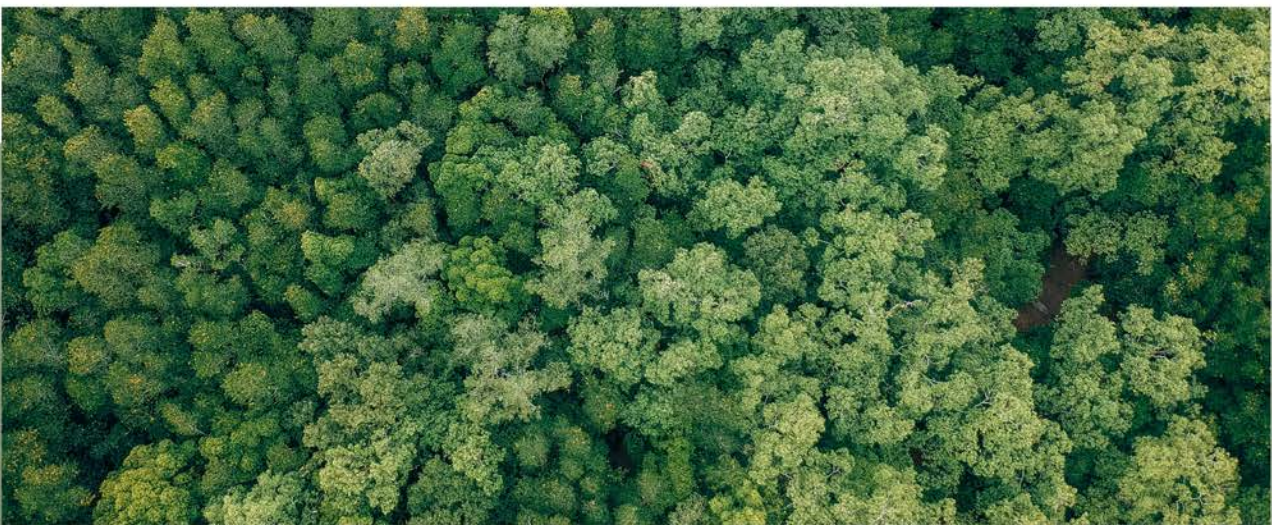
[newcreationprint.com.au](http://newcreationprint.com.au)

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# Choose Eco-Friendly Printing Techniques

Digital printing is the most eco-friendly printing technique, offering significant environmental benefits. It reduces waste and energy consumption compared to traditional offset printing, as it allows for smaller, precise print runs and eliminates the need for plates and chemicals. Digital printing produces sharp, vibrant prints on a variety of materials, ensuring high quality. It is also cost-efficient, especially for short runs and on-demand printing, saving money and minimizing waste. By choosing digital printing, you commit to sustainability while enjoying top-quality, versatile, and economical print solutions.



# Optimize Print Layout and Design

Efficient print design can minimize paper waste. Using design software to nest multiple items on a single sheet can reduce the amount of unused space, maximizing the efficiency of each print run. Implementing double-sided printing can halve the paper usage for large print runs, significantly reducing waste.

Additionally, consider using standard paper sizes to minimize off-cuts and reduce wastage. Reviewing your print designs for any unnecessary elements or areas where space can be optimized can further enhance efficiency. By focusing on efficient layout and design, you can make your printing processes more sustainable and cost-effective.





# Embrace E-Proofing

E-proofing print files, rather than approving physical samples, offers significant environmental benefits and is now standard practice.

By reviewing and approving digital proofs, businesses can drastically reduce paper waste and the carbon footprint associated with shipping physical samples. E-proofing eliminates the need for multiple physical iterations, conserving resources like paper and ink, and reducing the energy consumption involved in printing and transportation.

Additionally, e-proofing speeds up the approval process, making it more efficient and cost-effective. By adopting e-proofing, businesses support sustainability and contribute to a greener, more eco-friendly printing process.



# Choose sustainable materials

Look for paper that has been certified by the Forest Stewardship Council (FSC) or the Programme for the Endorsement of Forest Certification (PEFC). These certifications ensure that the paper comes from responsibly managed forests and supports sustainable forestry practices.

Using recycled paper is another way to lessen your environmental impact. Recycled paper uses significantly less energy and water in its production compared to virgin paper and helps reduce deforestation.

Additionally, consider using paper made from alternative fibers such as bamboo, hemp, or agricultural residues, which are fast-growing and renewable. By choosing sustainable paper options, you contribute to the conservation of natural resources and support sustainable industry practices.



# Use Eco-friendly Inks

Traditional inks often contain volatile organic compounds (VOCs) that contribute to air pollution and pose health risks to workers. Switching to vegetable-based or soy-based inks can significantly reduce VOC emissions.

Vegetable & soy based inks are made from renewable resources, making them a more sustainable choice. Furthermore, vegetable-based inks are easier to de-ink during the recycling process, enhancing the recyclability of printed paper. Low-VOC inks also improve indoor air quality and create a safer working environment. By choosing eco-friendly inks, you can maintain high print quality while reducing your environmental footprint and promoting a healthier workplace.





# Implement a Printed Inventory Store

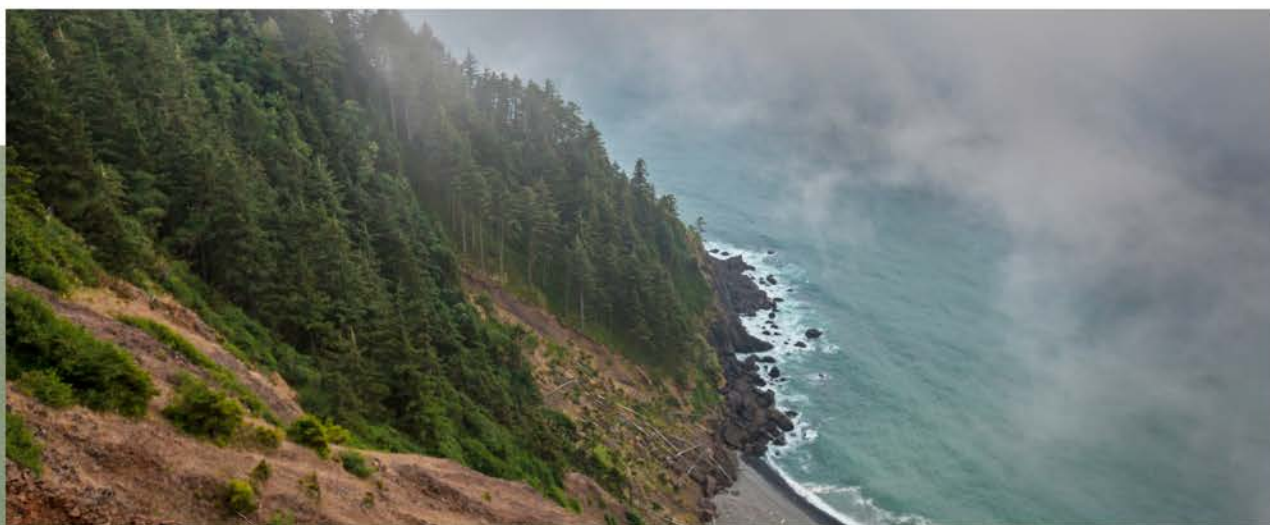
For items you're printing frequently, consider printing in bulk, rather than multiple smaller print runs.

For items ordered frequently without changes, like branded stationery and guest items, choosing one large print run instead of multiple smaller ones offers significant environmental benefits. A single large print run reduces energy consumption and emissions from multiple setups, which involve machine warm-ups and test prints. It also minimizes material waste, as fewer setups mean less wasted paper and ink. Large print runs are also cost-effective, offering economies of scale. This practice enhances efficiency, reduces environmental impact, and supports sustainability goals.

Some print partners, such as NCP, can hold your goods in storage if you are unable to accommodate the extra storage required by larger print runs.

# Recycle and Dispose of Print Waste Properly

Establishing a recycling program for all print-related waste is essential for sustainable printing. Ensure that all paper waste, including off-cuts and misprints, is collected and recycled. Ink cartridges and toner bottles should be disposed of through certified recycling programs to prevent hazardous materials from entering landfills. Packaging materials such as cardboard and plastic should also be recycled whenever possible. Partner with a certified e-waste recycler to dispose of outdated printing equipment responsibly. By implementing comprehensive recycling and disposal practices, you can minimize the environmental impact of your print operations and contribute to a circular economy.





# Opt For Eco-Friendly Packaging

Sustainable printing doesn't end with the print itself; eco-friendly packaging is also essential. Avoid using traditional packaging materials like shrink wrap and bubble wrap, which are not biodegradable and contribute to plastic waste.

Instead, choose alternatives like biodegradable or recyclable packaging materials, such as paper-based void fill, corrugated bubble wrap, or compostable mailers.

Additionally, use eco-friendly tape made from natural materials, such as paper tape with a water-based adhesive, which is biodegradable and easy to recycle along with the packaging. Ensure that all packaging materials are clearly labeled as recyclable or compostable to guide recipients in proper disposal.

By prioritizing eco-friendly packaging solutions, you can further reduce the environmental footprint of your printing projects, enhance your sustainability efforts, and set an example for others in your industry.

# Reduce The Impact of Delivery & Freight

Another crucial aspect of sustainable printing is considering the environmental impact of delivery and logistics. One option is to partner with eco-friendly courier services that use electric or hybrid vehicles, and prioritize those that implement sustainable practices in their operations. Many courier companies offer carbon-neutral delivery options, where they offset the carbon emissions of their deliveries through projects such as reforestation and renewable energy initiatives.

At NCP, we offset our carbon emissions through a company called Greenfleet. Companies like Greenfleet offset your carbon footprint by planting native forests that capture carbon emissions and restore ecosystems. By choosing eco couriers and offsetting delivery-related emissions, you can further reduce the environmental impact of your print projects and demonstrate a comprehensive commitment to sustainability.



# Collaborate with Eco-Certified Print Partners

Choosing printing partners who share your commitment to sustainability is crucial, and knowing they have been independently vetted is an important component of this. At New Creation Print, we're proud to announce we've just complete our stage 1 audit on the path to ISO14001 accreditation. But what does this actually mean?

ISO 14001 is a global standard that guides organisations in managing their environmental impact responsibly. It encompasses:

**Sustainable Practices:** ISO 14001 ensures that our operations align with globally recognized environmental standards, promoting sustainable business practices throughout our supply chain.

**Risk Mitigation:** By adhering to ISO 14001, we will proactively identify and manage environmental risks, ensuring a resilient and dependable supply chain.

**Compliance Assurance:** Our certification will guarantee compliance with environmental laws and regulations, offering you the assurance that our operations meet the highest standards of legality and ethical conduct.

**Cost Efficiency:** ISO 14001 encourages resource efficiency and waste reduction, contributing to cost savings in the long run. This efficiency is reflected in the value we provide to our clients.

**Global Recognition:** ISO 14001 is internationally recognized, reinforcing our commitment to environmental management on a global scale.

**Supplier Confidence:** ISO 14001 certification assures that our products/services are developed and delivered with a focus on minimizing environmental impact.



# Conclusion

By following these ten steps, your business can significantly reduce its environmental footprint while maintaining high-quality print standards. At New Creation Print, we are dedicated to helping you achieve your sustainability goals. Together, we can make a positive impact on the environment, one print job at a time. For more information or to discuss your specific printing needs, please contact us;

[orders @newcreationprint.com.au](mailto:orders@newcreationprint.com.au)

Thank you for choosing New Creation Print as your partner in eco-friendly printing.

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