

Sustainability and Environmental Guideline

Update 2023

XEST® Nimmerrichter acknowledges the paramount importance of environmental responsibility and protection in delivering top-quality services and products. Our unwavering commitment lies in providing all our products and services while minimizing adverse effects on the local and global environment and ensuring the prudent use of natural resources. To achieve this, we meticulously select our production materials with these objectives in mind.

At the core of XEST's environmental ethos is a fundamental principle: **"Reduce – Reuse – Recycle."** We steadfastly endeavor to play our part in shaping a brighter and more sustainable tomorrow.

Papers: Every paper used in our production line is certified to at least the **"FSC Mix"** standard, ensuring its sustainability, and is also certified as **CO2 neutral**. In addition to these fundamental certifications, our papers carry supplementary certificates, such as **"Blauer Engel"** and **"Eco Label,"** which further underscore their eco-friendly attributes.

Realized idea: When sourcing paper it is important to understand that certification labels all have different meanings. We carefully select our papers besides of production quality, also in terms of best possible sustainability.

Link to suppliers of Mainly used papers: [Canon](#) Top Color Zero, [Xerox](#) Colotech+, [Neusiedler Mondi](#) Colour Copy



Sample paper of one of our production paper with FSC and Ecolabel certificate.

Ink & Toners: We exclusively utilize inks and toners that are entirely **free from heavy metals and solvents** in our production process. When it comes to large format printing, we are particularly diligent about using **aqueous-based inks instead of solvent-based inks**, further emphasizing our commitment to eco-friendliness and environmental responsibility.

Realized idea: In order to reduce plastic resource usage with our large format printing, we use so-called continuous ink supply systems. Ink is refilled in large containers rather than using small one-way cartridges as you may know from your office. At our [EXPRESS office](#) in Vienna we save dozens of kilos plastic waste thanks to this!

Link to suppliers of Mainly used inks & toners: [Konica Minolta](#), [Inktec](#), [Canon](#)

Production Energy: Our production sites are powered exclusively by 100% by renewable energy source supplier **"Wien Energie"**.

Since Austria is a country of great water resources, we strive to choose a good balance between cost & energy models that **promote hydropower**.

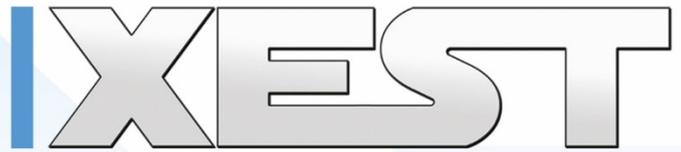
We make a deliberate choice to abstain from relying on fossil fuels and nuclear power for our energy needs, reinforcing our dedication to sustainable and environmentally responsible operations.



Realized idea: Our small warehouse outside of Vienna is powered by an own rooftop solar system in order to reduce standby power consumption (1kWp per 100sqm operating area)



Sample Energy Tariff of Wien Energie that dedicates on renewable energy sources or biomass energy



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Did you know? XEST is a trailblazer, being the very first company to introduce a comprehensive service for recycling roll-up banners used in events. Have you ever pondered the fleeting nature of banners designed to serve just a few hours, displaying dates, timelines, or directions for an event? Following the event, the aluminum frames are often discarded, contributing to unnecessary waste and exacerbating global CO2 emissions.



We proudly extend an invitation to retire these short-term banners after your event and put them through a refurbishment process, restoring them to mint condition for your next occasion in Vienna. Are you interested in a sustainable solution for your event without any lingering environmental guilt? Simply reach out to XEST to explore your options and promote your event as sustainably as possible!



Production Machinery: Our digital production machinery manufacturer Konica Minolta has earned certification under the “[Österreichisches Umweltzeichen](#)” which signifies their utilization of cutting-edge energy-saving technology. This certification underscores our commitment to incorporating state-of-the-art, environmentally friendly equipment into our operations.

Realized idea: We operate bizhub PRESS series from Konica Minolta at our EXPRESS office

Delivery: We did not forget about the last mile! We remain dedicated to sustainability throughout the entirety of our operations, even in the last mile. This ensures that our transportation methods not only meet high-quality standards but also reflect our ongoing commitment to eco-conscious practices..

Realized idea: All the vehicles used in our company are the latest hybrid models, leveraging advanced Japanese Toyota Hybrid Technology.

Shipping within EU: In terms of transporting our printworks within the EU, we have made a conscious choice to partner with UPS and exclusively utilize their [UPS Carbon Neutral](#) program for delivering orders within the EU. This program aligns with our commitment to environmental sustainability by offsetting the carbon footprint associated with transportation, thereby contributing to a more eco-friendly and responsible approach to shipping.

Realized idea: All EU shipments will be automatically selected UPS Carbon Neutral.

Waste Reduction... is a core focus for us. We are committed to **reusing materials like transportation boxes that are in good condition**. Furthermore, you have the option to request delivery in bulk without any additional packaging. If you prefer an environmentally friendly treatment of your order, simply inform us, and we'll provide you with all the available options to minimize waste and promote eco-conscious practices.

Realized idea: At our production site we strictly separate waste according to requirements of communal waste collector (MA48, [Vienna's Waste Management](#)).

Others: Besides daily operations we also run occasionally promotions ongoing where purchases / google reviews ... are rewarded with a support donation to environment conserving projects like [#teamtrees](#)

Please refer to the next page for a short guideline **how you can reduce waste by design**, especially if you are printing digital with our EXPRES product range.

Waste reduction by artwork design

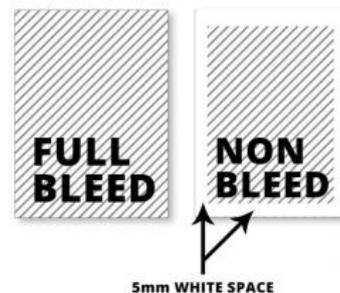
Did you know that you can reduce waste by the design and layout of your printworks? By understanding how your order is being produced, you can significantly reduce waste during production without any drawbacks for the final result.

Here are some **easy waste reduction advises that you or your designer can implement:**

✓ Simply use more words on a page by using smaller fonts and margins. This is very easy and everyone can consider this.

✓ Double-sided printing. You can cut 50% of resource usage by using both sides of the paper. Examples are handouts and simple text prints.

✓ Full Bleed vs Non Bleed Design to prevent full bleeds. Your home inkjet printer may offers border to border printing but when printing in large amounts this isn't that simple. Commercial production printers can't print output ready to full bleed. Due to this books, brochures, flyers... **are always produced with a slightly larger paper called RA & SRA untrimmed paper.** After the print is done **the final product will be trimmed to standard formats such as DIN-A4. This generates paper waste.**



✓ When printing digitally, simply leave a 5mm white space around each page. Design that pictures stand free in the design rather than being fully scaled on the whole page. With several production types no trimming or special oversize paper are required when designed without bleeds.

We especially notice that roll-up-banners **are limited in their lifetime by having a date in the artwork.** This is obviously a no-brainer - You can use the display next year again and even cut costs! If your banner needs to have a date displayed you can also reduce waste by using our recycled roll-up-banners which are being picked up by our company after the event and are refurbished!



✓ Order only what is needed – Bulk discounts are attractive and convince to print more than needed. How many participants does your event have? What could be the count of invited guests who won't attend? Try to calculate a good amount!