



Sustainability concept

Pre-Production | Production | Post-Production



procedes group

EVERY PERSON MAKES A DIFFERENCE
EVERY PERSON MAKES A DIFFERENCE
EVERY PERSON MAKES A DIFFERENCE
EVERY PERSON MAKES A DIFFERENCE
EVERY PERSON MAKES A DIFFERENCE
EVERY PERSON ^{SUSTAINABLE} MAKES A DIFFERENCE
EVERY PERSON ^{FASHION} MAKES A DIFFERENCE
EVERY PERSON ^{MATTERZ} MAKES A DIFFERENCE

SUSTAINABLE
FASHION
MATTERZ

LESS _ LESS
NEW = CO₂

WE NEVER
STOP VOTING
SUSTAINABLE
FASHION
MATTERZ



Definition Sustainability

„Sustainability“ is a multi-layered term that can be subordinated to multiple definitions nowadays. For us at Procedes, sustainability means the implementation of a management concept in the areas of pre-production, production and postproduction, which combines entrepreneurial success with the consideration of social and ecological aspects.

Overview Pre-Production

Raw materials

- PVC-free alternatives by the end of 2021
- Polyester as the best raw material

Supply-Chain

- Supplier management
- Regional purchasing





Pre-Production: Raw materials / PVC-substitutes

In the current raw material comparison, polyester is the best material for printed textiles according to the cradle-to-cradle approach. Our ambitious goal is to replace all textiles containing PVC with more sustainable alternatives by the end of 2021. Under this premise, we rely on recycled polyesters and try to avoid composite materials. The same approach applies to rigid materials and films, where Procedes is driving the use of PVC substitutes and innovative materials.

Substitute Textiles

| Textile | Material | Certification | Substitute for | Applications |
|------------------------|---|---------------|------------------------|--|
| beitex® green flag | 100% recycled polyester | Oeko-tex | beitex® flag | <ul style="list-style-type: none"> • Outdoor banners • Flags |
| beitex® green samba | 100% recycled polyester | Oeko-tex | beitex® samba | for backlighting |
| beitex® green deco tex | 100% recycled polyester | Oeko-tex | beitex® deco tex | Prints for SEG frames |
| beitex® deco tex blue | <ul style="list-style-type: none"> • 38% polyester • 62% recycled polyester made of SEAQUAL® YARN | Oeko-tex | | Prints for SEG frames |
| beitex® green mesh | Polyester | Oeko-tex | beitex® mesh (PVC) | Outdoor banners open-pored |
| beitex® green frontlit | Polyester with wax coating | Oeko-tex | beitex® frontlit (PVC) | Outdoor banners opaque |

| Rigid material | Properties | Certification | Substitute for | Applications |
|-------------------|--|----------------------|--|--|
| beiboard® reboard | <ul style="list-style-type: none"> • Cardboard honeycomb • 0,39 inch bridges | | PVC-Hard foam 0,19-0,39 inch | <ul style="list-style-type: none"> • freestanding displays • Large formats • Logos / Letterings |
| beiboard® dispa | <ul style="list-style-type: none"> • Cardboard plate 0,15 inch • 100% recyclebar | FCS®-certified paper | <ul style="list-style-type: none"> • PVC-Hard foam up to 0,19 inch • PVC-Honeycomb | <ul style="list-style-type: none"> • Displays • Ceiling dangles |
| beiboard® katz | <ul style="list-style-type: none"> • Paper 0,05-0,12 inch • 100% recyclable | PEFC™ certified | <ul style="list-style-type: none"> • PVC-Hard foam up to 0,19 inch • PVC-Honeycomb | <ul style="list-style-type: none"> • Hanging signs • POS Displays |
| beiboard® display | <ul style="list-style-type: none"> • Display carton 0,039 -0,078 inch • coated surface | PEFC™ certified | PVC-Film | <ul style="list-style-type: none"> • Inserts for snap frames • Posters • 3D-Elements |
| beiboard®wood | Plywood board 0,31-0,47 inch | FCS®-certified wood | PVC-Hard foam | <ul style="list-style-type: none"> • 3D-letters • Displays |
| beiboard®wabe | <ul style="list-style-type: none"> • Honeycomb plate 0,11 inch • Polypropylene | | PVC-Hard foam up to 0,19 inch | <ul style="list-style-type: none"> • Posters • Display systems • Outdoor |



Pre-Production: Supply-Chain

Aspects of sustainability (ecological, social and economic) play an essential role in the selection process of our suppliers. For example, we are already pioneers and development partners of sustainable textiles, such as OceanTEX or Green Mesh. We also bundle logistics processes with our partners to avoid unnecessary transport.

Overview Produktion

- CO2 reduction / power consumption
- New construction of plant 2 in Germany according to KfW55 energy criteria
- Avoidance of offcuts and waste (by implementing digital processes)
- Proceeds Green Programm
- Solvent-free print production

Photovoltaic system Plant 2 | annual CO2 savings: 400t



Overview Post-Production

- Recyclable materials
- Proceeds rental system
- Reduction and standardization of packaging
- Bundling of transports



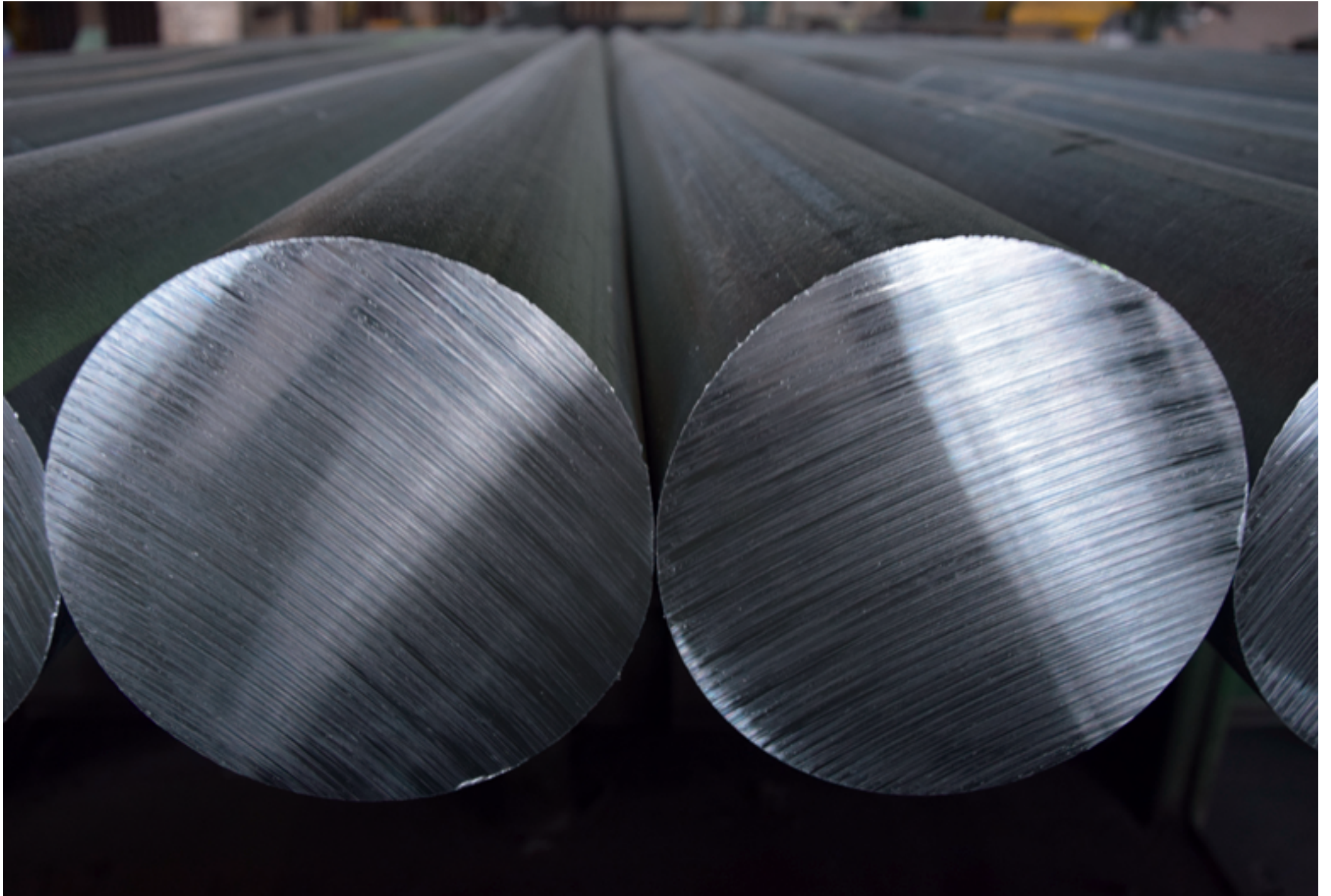


Post-Production: Recycling

Pure polyesters can be recycled. To avoid unnecessary CO₂ pollution due to return transports, we enter into dialog with our customers to optimize the direct transfer of the material to recycling.

Post-Production: Rental systems

Through strategic cooperations for rental systems of our aluminum profiles we try to reduce the annual aluminum consumption by up to 20%. Multiple usability and the possibility of recycling make aluminum a suitable raw material for us.



Procedes Chenel
Beilken Digital Printing Werbeges. mbH

Flughafenstr. 4A
D-27809 Lemwerder

T +49(0) 421 - 69 35 2 - 0
F +49(0) 421 - 69 35 2 - 14

info@procedes.de
www.procedes.de

Printed on sustainable certified PEFC™ paper.