for a *better* tomor row.

ospi®

octanorm®


sustain
able
systems

Our Systems.

Our Network.

Our Foundation.

Sustainability is not just a trend – it's part of our philosophy. octanorm stands for durable systems, sophisticated processes, and responsible action. We believe in solutions that conserve resources, shape the future, and enable real change – ecologically, economically, and socially.

At octanorm, sustainability is deeply rooted.
In our products, materials, and structures — but most of all in our thinking. Our modular systems embody reusability and efficiency, offering a clear alternative to short-lived, disposable solutions.

Aluminium is a key element that can be recycled almost indefinitely without any loss of quality. With our global network of ospi and licensees, we focus on local production: "designed here. built there" not only reduces CO_2 emissions but also strengthens regional partnerships. At the same time, we take on social responsibility by cooperating with social institutions, promoting young talent, and fostering a values-based corporate culture.

Guided by the UN's 17 Sustainable Development Goals, we see sustainability as an ongoing process that requires innovation and courage. This brochure shows how we act, where we learn — and how we are actively shaping the transformation of our industry. Let's take responsibility together.

For the sake of our future, the generations that will follow, and a livable world.

Benjamin Bruder
CEO

Sustainable Goals.

The United Nations' **17 Sustainable Development Goals** (SDGs) are a global plan to create a better and more sustainable future for all by the year 2030. These goals are closely linked to the concept of the sustainability triangle, as they aim to create a balance between environmental, social and economic challenges.

They cover areas such as eradicating poverty and hunger, access to education and healthcare, protecting the environment and combating climate change. The SDGs also promote social justice, economic stability and the protection of natural resources by strengthening cooperation and partnerships worldwide.

We Follow Suit.

ClimatePartner certified company
climate-id.com/D5PJR1

We too support these goals, which commit us to promoting holistic and balanced development that protects the environment while respecting social and economic needs. An important part of this commitment is our **ClimatePartner Certification**, which allows us to systematically record and reduce our carbon footprint. It also enables us to support verified climate protection projects. This makes our commitment visible, transparent and traceable.

Each of the 17 SDGs is unique to each company, and there is no onesize-fits-all approach. That is why we would like to take you along on our journey and show you how we are already meeting the goals, what we are working on and what our plans are for the future.

SDGs

No poverty.
End poverty in all its forms everywhere.

Zero hunger.
End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

Good health and well-being.
Ensure healthy lives and promote well-being for all at all ages.

Quality education.
Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Gender equality.
Achieve gender equality and empower all women and girls.

Clean water and sanitation.
Ensure availability and sustainable management of water and sanitation for all.

Affordable and clean energy.
Ensure access to affordable, reliable, sustainable and modern energy for all.

Decent work and economic growth.
Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

Industry, innovation and infrastructure.
Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

Reduced inequalities.
Reduce inequality within and among countries.

Sustainable cities and communities.
Make cities and human settlements inclusive, safe, resilient and sustainable.

Responsible consumption and production.
Ensure sustainable consumption and production patterns.

Climate action.
Take urgent action to combat climate change and its impacts.

Life below water.
Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

Life on land.
Protect, restore, promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss.

Peace, justice and strong institutions.
Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.

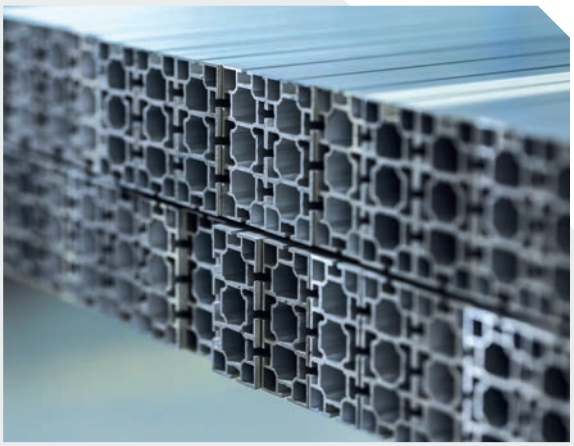
Partnership for the goals.
Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.

Product & Recycling.

We use secondary aluminium for our extrusions. This is made from recycled aluminium and can be recycled again and again without any loss of quality. It uses only 5% of the energy required to produce primary aluminium. This closed-loop system not only reduces the need for raw materials, but also minimizes waste and significantly reduces CO2 emissions.

Another aspect that makes aluminium an environmentally friendly key material is its properties. Despite its light weight, it is very durable and extremely strong. As a result, it can be used in a variety of applications and transported in an energy-saving way. Not only our extrusions, but also our **octafloor eco** double floor system are made from resource-saving materials. The polypropylene we use is recycled and returned to the cycle.

We also strive to focus on sustainable materials in new developments.



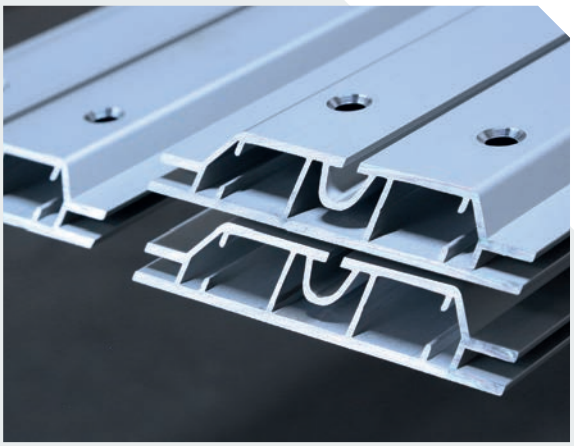

EDIA TALENT

System Construction & Reuse.

With the invention of the octagonal extrusion in 1969, we brought system construction to the exhibition industry. System construction is not only the foundation of our business, we also see it as the way out of the throwaway society. It is no coincidence that our claim is "we believe in systems". Unlike conventionally built exhibition booths, where all the material - from floor to ceiling - ends up in landfill after the event, our aluminium systems can be stored and reused for decades. And thanks to their modular nature, they can be combined over and over again to create a wide variety of designs.

Our ongoing product development makes it possible to integrate the latest technology into older systems. This is another incentive to use our products as long as possible.

In order to reduce the amount of packaging waste, we are increasing the use of reusable system packaging such as pallets and transport cases.



Our Systems.

Digital Innovation & Efficiency.

As we develop new products, we aim to ensure that they are not only made from resource-saving materials, but are also manufactured in a sustainable way. We continually improve our internal processes to be more efficient, reduce waste and minimize transportation.

Our software development team actively promotes the use of AI. With our **ai booth designer**, exhibition booth designs can be generated with just a few clicks and our **co_2 calculator** shows how climate-friendly an exhibition booth really is. This is a rapidly evolving area and we are excited to help shape the future of exhibition booth design.

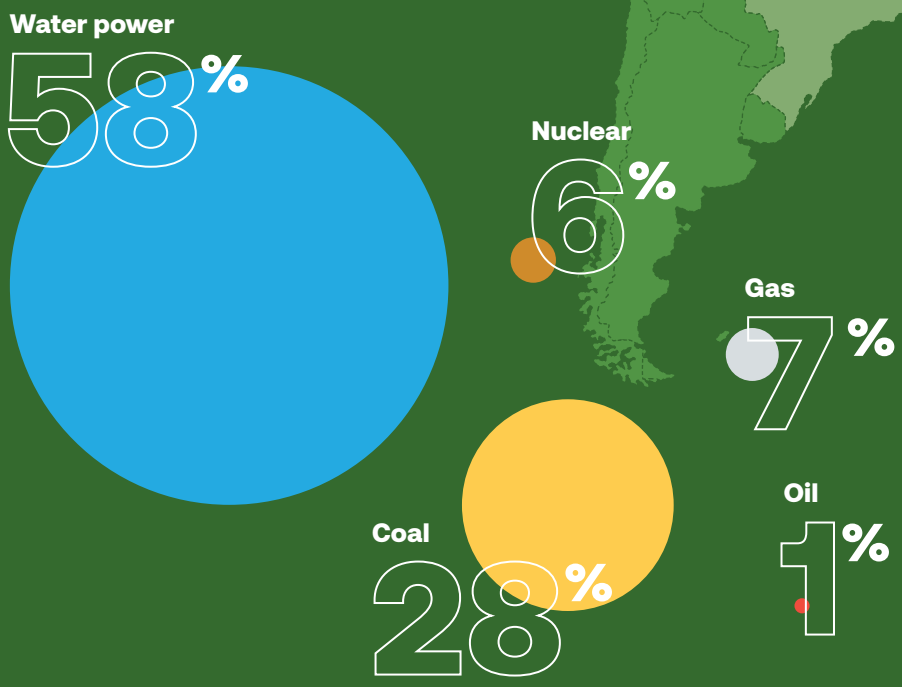
It is important to us that each and every one of these developments is driven forward in harmony with the human being. It is our employees, our partners and ultimately everyone who experiences our systems in person who bring our vision to life.

Focus

Aluminium Production.

Mining and recultivation.

- Aluminium is one of the most common metals on earth and is won through surface mining. The biggest mining areas are in **Australia**, **China**, **India**, **Brasil**, and **Guinea**.
- To keep the impact on the environment as little as possible, 80 % of the mining areas are recultivated, and another 18 % are developed for forestry and agriculture once mining finishes. Furthermore, 58 % of the energy requirements are met by climate neutral water power.



75 % of the aluminium produced so far are still in use.

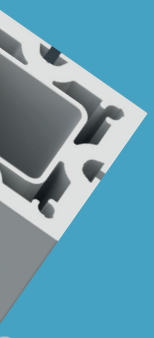
High recycling-quota.
The recycling process of aluminium is quick and efficient, and can be repeated endlessly without a loss in quality. This allows for the biggest part of the worldwide demand to be met by secondary aluminium. The advantage: At 3.2 mWh per ton, secondary aluminium needs 95 % less energy than primary production.

The ideal material for octanorm and the ospi network.
The high specific strength and quality of our aluminium alloys make it the ideal material for our **octanorm** components. The alloys also ensure the longevity and reusability of our products. At the same time, the low weight allows for quick assembly and reduces transporting costs and emissions.

Sustainability With a System

The aluminium cycle.
All **octanorm** products are of high quality and durable. Since our profiles and extrusions are pure enough, they can be recycled right away at the end of their life cycle. Similarly, offcuts and swarf from our production are immediately reintroduced into the production cycle.

Environment-friendly with a system.
System construction is more sustainable, efficient, and cost-effective than conventional stand construction. Although chipboard appears to be environmentally friendly, its production consumes as much energy as secondary aluminium, and it is difficult to recycle. According to the Wuppertal Institute, approximately 90% of traditional materials end up in landfills after an exhibition. Aluminium system stands, on the other hand, can be easily dismantled, stored, and reused time and again — offering clear ecological and economic advantages.

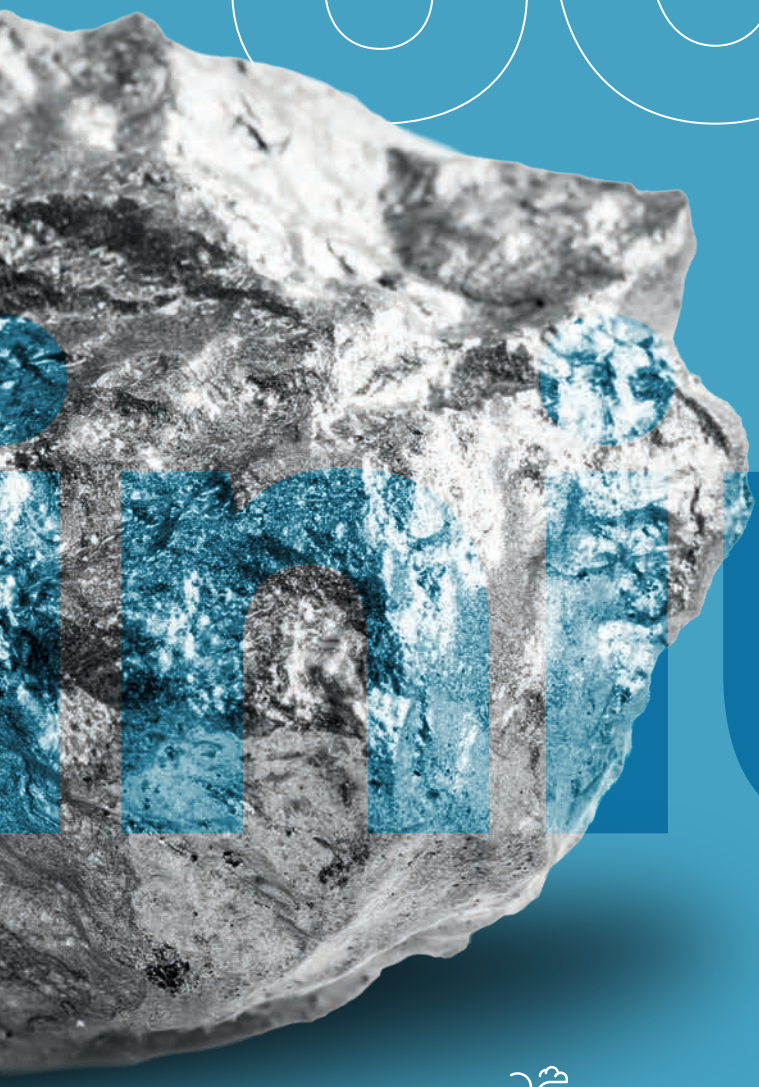


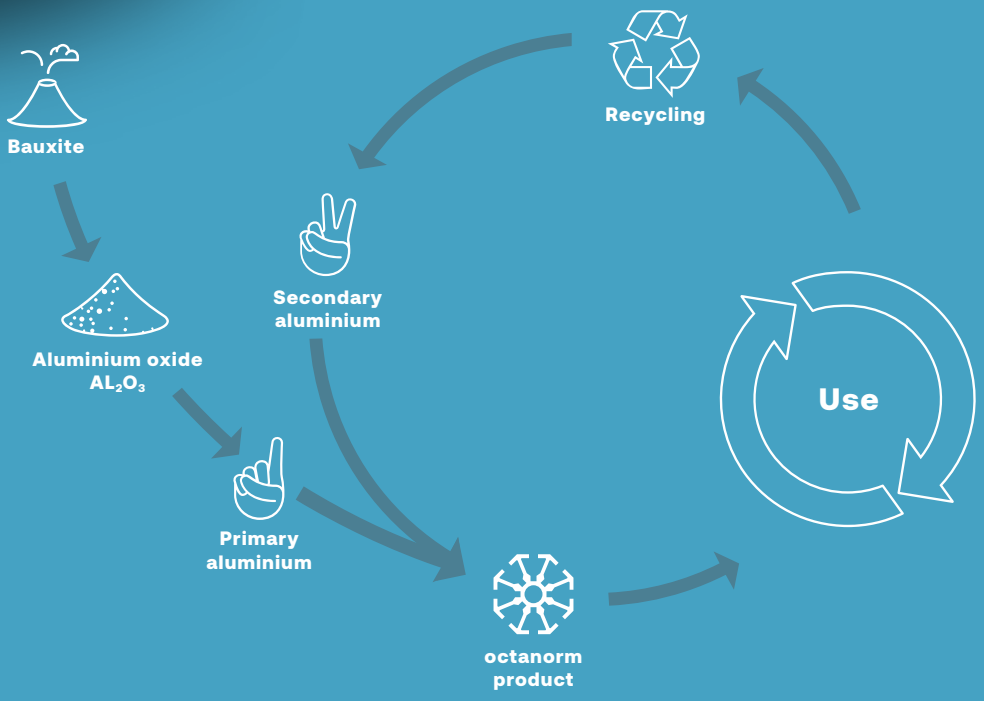
50

% lighter than steel:
Aluminium has the same strength.

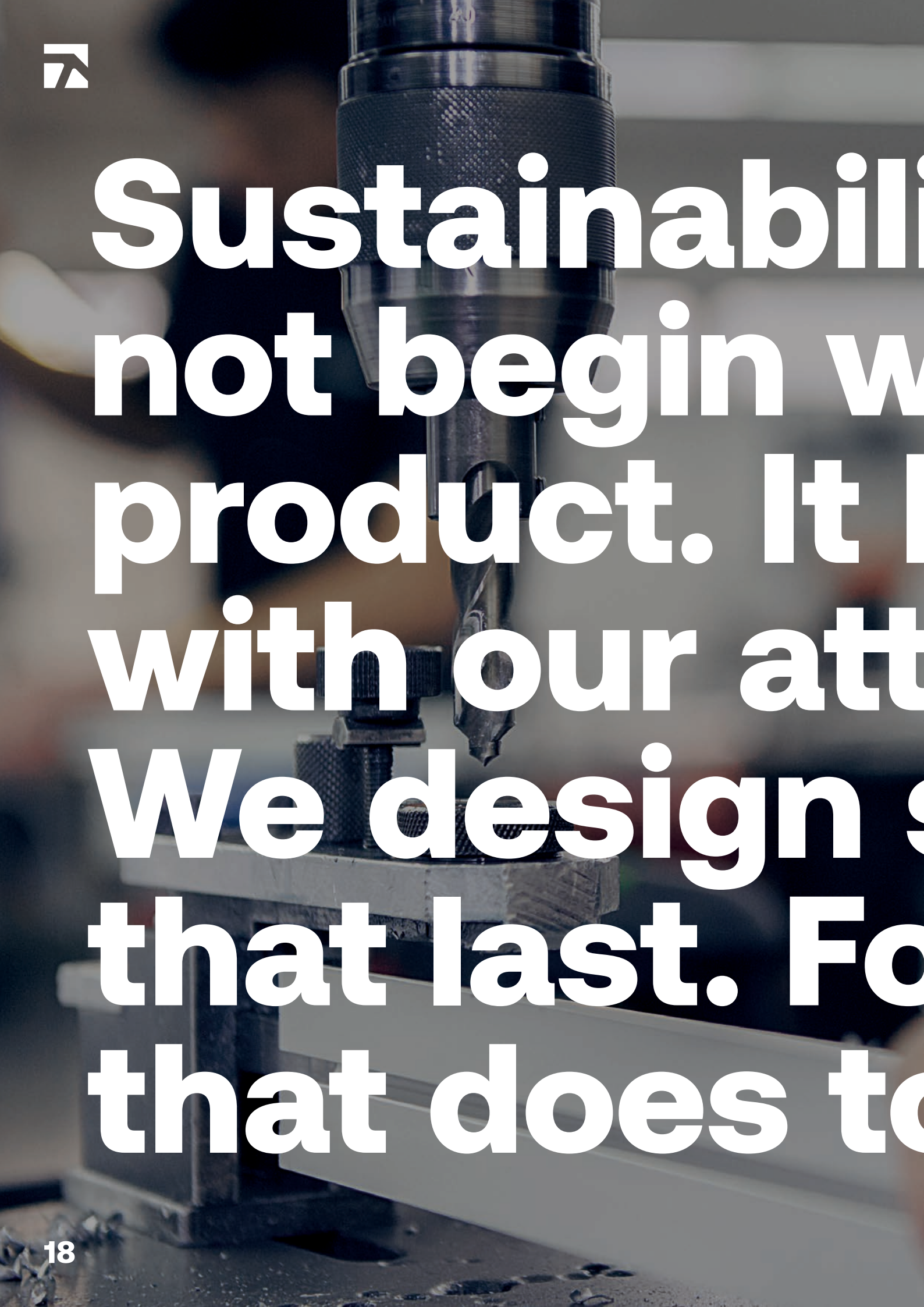
90

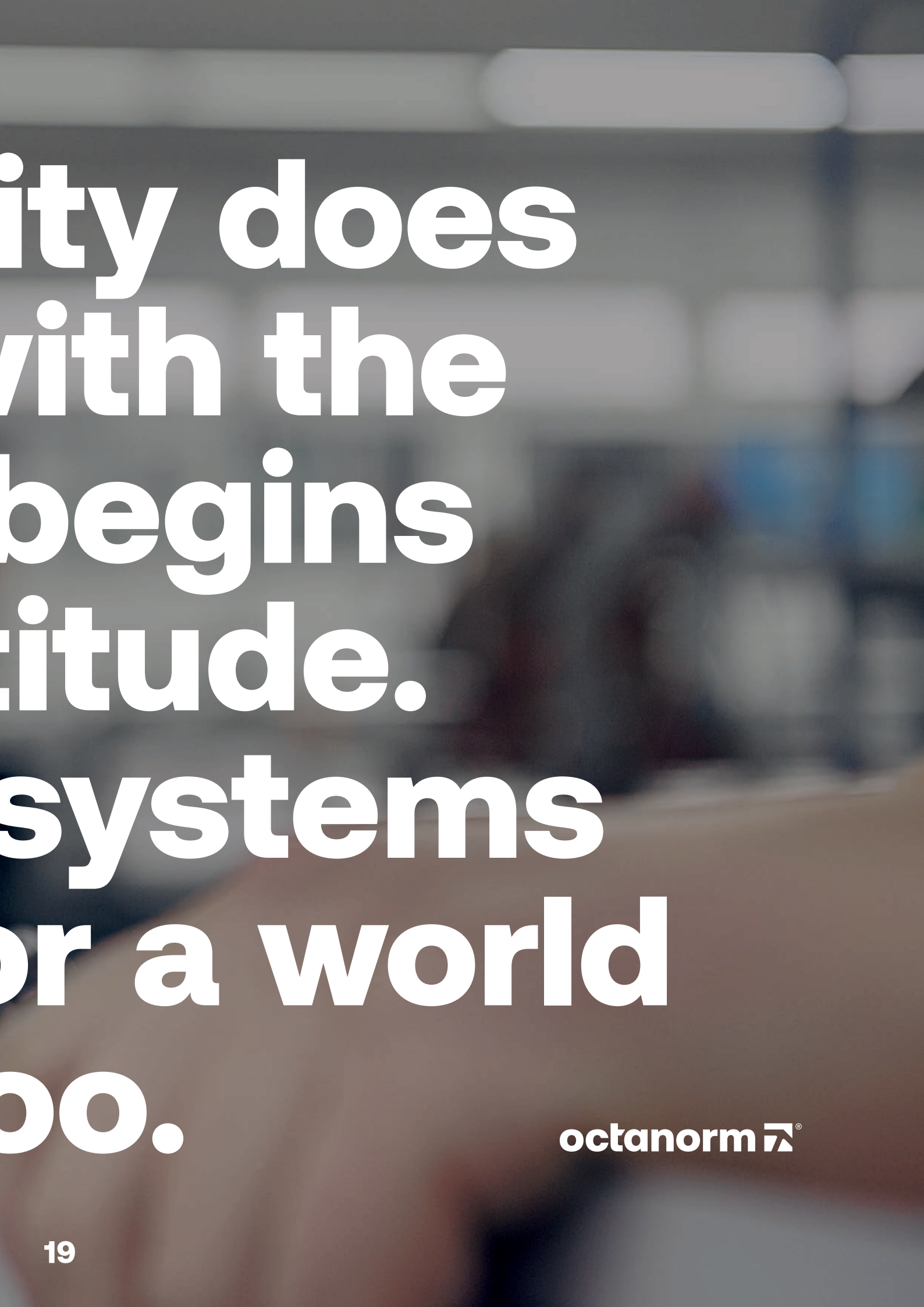
% recycled material*
in octanorm products





* Numbers for the European market


Sustainabili
not begin w
product. It
with our att
We design
that last. Fo
that does t


ity does
with the
begins
titude.
systems
or a world
oo.
octanorm

Knowledge & Exchange.

We are committed to spreading our philosophy of "we believe in systems" around the globe. Practice and theory are on the agenda at our user meetings. We always have an open ear for the wishes and concerns of our partners and incorporate them into our product development.

However, we do not only want to reach out to our existing partners, but also to the next generation. That is why we work with design schools in the Stuttgart region and support projects through sponsorships. We also offer internships and apprenticeships.

Our licensees take this idea to the world with their own events and projects.


JOAQUIM
STAADSEN
RIO / BRASIL
OSPI PORTUGAL
THE BEST !!!
OCTANORM
POLSKA

Network & Goals.

By working together, we not only reach our goals faster, but we also benefit from each other's insights. Connections are in our DNA. Over the years, we have expanded our network of licensees and partners worldwide - and we continue to do so.

"designed here. built there." is the tagline of our **ospi** (octanorm service partner international) network, working together across national borders. We are already represented in more than 40 countries, giving us access to material stocks and personnel almost everywhere. In addition to shorter transportation routes and reduced CO_2 emissions, we benefit from the country-specific know-how and expertise of our global booth construction network.

We are also a member of bdia, fwd, IFES and UFI. Together with these organizations we work towards common goals and the advancement of not only the exhibition industry.

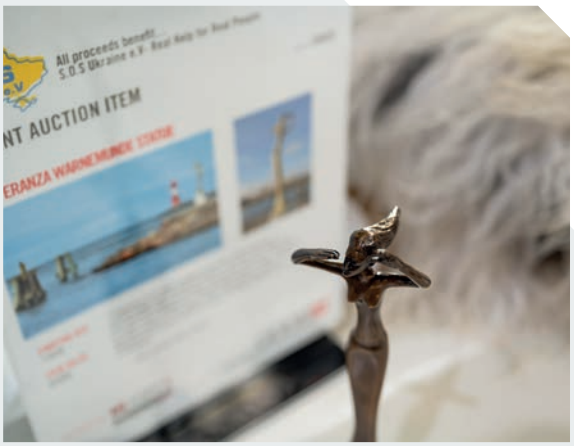

XIX. OSPI MEETING 2024
PORTUGAL
ajuda de berço
17/07/2024
Date
Ajuda de Berço - Associação de Solidariedade Social
Pay to the order of
€ 18.300,00
Eighteen thousand three hundred
Amount
EURO
OSPI Silent Auction Donation
Memo
OSPI
Signature

Giving & Helping.

We take an active role in building a better future by working together to support sustainable projects. We guarantee that there is no child labor in our entire supply chain, and we only work with partners who share our values. This ensures that our products are made under fair and humane conditions.

We work hand in hand with a local sheltered workshop, supply kindergartens with drawing and writing materials, and donate our hardware such as computers and monitors to educational institutions through the organization "Das macht Schule". Since each of our **ospi** meetings takes place in a different partner country, we also organize a silent auction on site. The money raised goes to a local organization as a way of giving back to the host country.

By doing so, we invest in our community and create opportunities for all - for a future we can build together.



Sustainable Network.

Less transportation. More responsibility.
The **ospi** network from **octanorm** stands for smart, international cooperation. Based on the principle of "designed here. built there", exhibition stands are planned at the home location and built locally in the target country, eliminating the need for worldwide transport of materials.

This decentralized production process reduces CO_2 emissions by up to 65%. Rather than shipping components thousands of kilometers by air or sea, an **ospi** handles the implementation on site. This saves resources, time, effort, and logistics. A system that thinks globally – and protects locally.

CO_2 emissions in tons

The example shows that emissions can be reduced by up to 65 % thanks to **ospi**. Since the components and most of the crew are already on site, the need for travel and transportation are reduced.

An exhibition stand is being planned in Los Angeles.
With or without **ospi**? The difference lies in thousands of kilometers of transportation and up to 65% less CO_2 emissions.

Scenario	Planning	Material	Personnel
	in Los Angeles USA	flight L.A. → Frankfurt	3 × stand and 4 × set-up via direct flight
	in Los Angeles USA	flight L.A. → Miami ship East Coast USA → EU	3 × stand and 4 × set-up via direct flight
	in Los Angeles USA	truck L.A. → Miami ship East Coast USA → EU	3 × stand and 4 × set-up via direct flight
ospi	in Los Angeles USA	on-site production delivered by truck	3 × stand via direct flight 4 × set-up on site by car

Remodelling & Future.

We have made a conscious decision to stay in the building we moved into in 1974. Rather than build a energy-intensive new facility, we will expand and renovate it over time with the future in mind. Electric and hybrid cars can already be charged on site, and in the future there will be room for a large solar array on our roof. We have also set ourselves the goal of becoming carbon neutral by 2030.

Our employees are provided with a water dispenser that they can use to refill their bottles and glasses. This reduces the use of plastic bottles and encourages the use of reusable bottles.

Teamwork & Community.

We all pull together. That's why we actively support the health of our employees with a wide range of offerings, from bike leasing and company soccer to corporate health insurance.

Our cafeteria with table soccer invites you to chat and is a popular place to relax. There are no noisy open-plan offices in our building, just lots of open doors and always an open ear. Trust and respect are the cornerstones of our corporate culture.

We are a diverse team where everyone can develop their potential and have a voice.

The example is based on the following propositions:

Start	Goal	Distance	Vehicle
Los Angeles	Frankfurt	8138 km	Plane
Lokaler ospi	Frankfurt	28 km	Truck
Bremerhaven	Frankfurt	520 km	Truck
Los Angeles	Miami	4345 km	Truck
Los Angeles	Miami	3760 km	Plane
Miami	Bremerhaven	7652 km	Ship

** Source: maps.google.com*

Vehicle	Max. CO_2 emissions	
Truck	121 g	per ton per kilometer, average*
Ship	36 g	per ton per kilometer, average*
Plane	500 g	per ton per kilometer, average**
Plane (person)	238 g	per person per kilometer, average*

** Source: umweltbundesamt.de – Treibhausgasemissionen im Personenverkehr und Güterverkehr – Bezugsjahr 2022*

*** Source: freightos.com*

The calculation is based on the following propositions::

↗ The stand will be staffed by an exhibition crew of 3 people, 4 people are needed for construction.

↗ 2 flights are needed per person (return flight). 238 g of CO2 are emitted per person per kilometer.

↗ The components are transported back the same way they came.

↗ The weight of the components is 1 ton.

Example calculation for scenario "sea freight 1":

Return flight LA – Miami	(3760 km × 500 g per t pro km × 1 t) × 2	= 3,76 t
Shipping of components from Miami to Bremerhaven and back	(7652 km × 36 g per t pro km × 1 t) × 2	= 0,55 t
Transport via truck from Bremerhaven to Frankfurt and back	(520 km × 121 g per t pro km × 1 t) × 2	= 0,13 t
Return flight for personnel LA – Frankfurt	(8138 km × 7 persons × 238 g per person per km) × 2	= 27,12 t
	= **31,56 t CO_2 emissions**	

octanorm does not guarantee for the accuracy and completeness of the presented data.

Data as of: 01.10.2024

Sources & Evidence.

You would like to know more about sustainability and aluminium manufacturing? Ask us, or check our sources.

Online sources:

German
↗ www.nachhaltiges-bauen.de
↗ www.aluminiumdeutschland.de/
↗ www.ospi-network.com
↗ www.vcd.org
↗ www.google.com/maps

English
↗ www.recyclenation.com
↗ www.european-aluminium.eu
↗ www.world-aluminium.org
↗ www.recyclinginternational.com
↗ www.myclimate.org

Print sources:

↗ Matthias Dienhart, Ganzheitliche Bilanzierung der Energiebereitstellung für die Aluminiumherstellung. Fakultät für Maschinenwesen der Rheinisch-Westfälischen Technischen Hochschule Aachen, 2003.

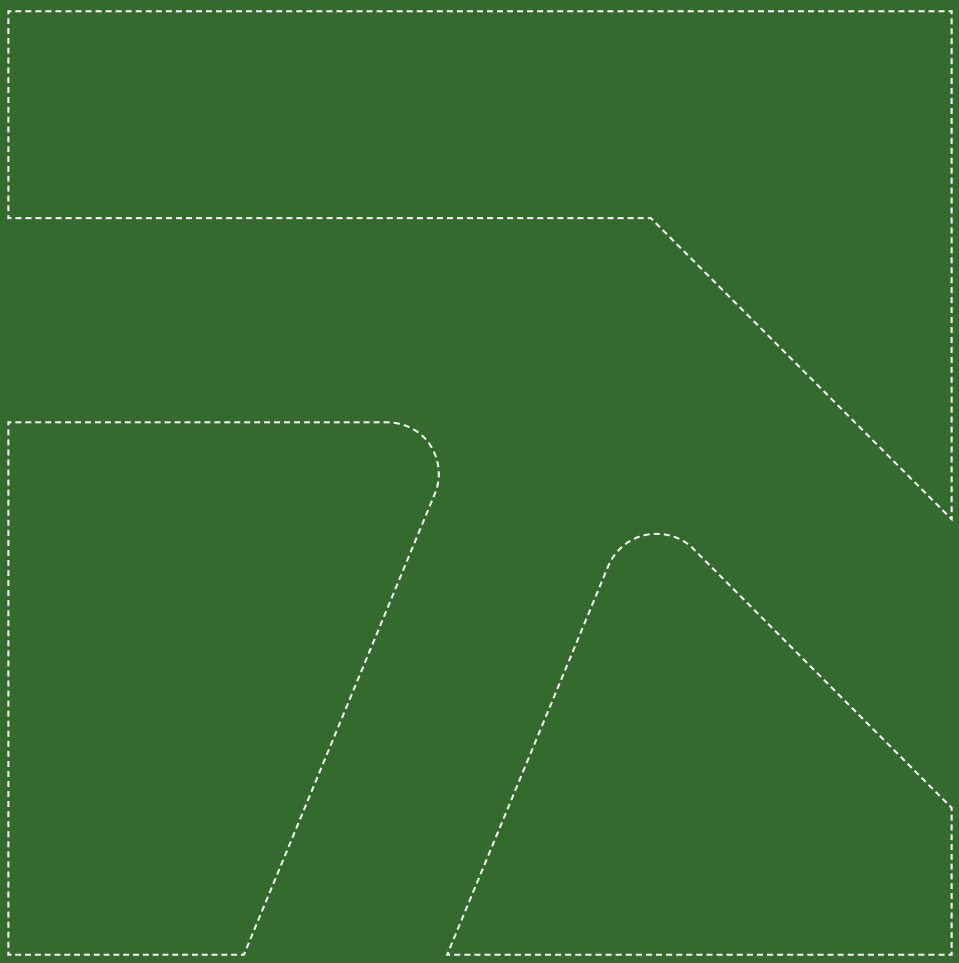
↗ Andre Kranke et al., CO_2-Berechnung in der Logistik: Datenquellen, Formeln, Standards. 1. Auflage, 2011. Verlag Heinrich Vogel, 2011.

↗ Luitgard Marschall, Aluminium – Metall der Moderne. Wissenschaftszentrum Umwelt der Universität Augsburg in Zusammenarbeit mit oekom e.V. oekom Verlag, München, 2008.

↗ Rainer Lucas & Sandra Kolberg, Materialeffizienz und Produktdauerverlängerung in der Messewirtschaft – Handlungsbedarf, Strategien, Lösungen. In: Wuppertal Papers Nr. 158. Wissenschaftszentrum Nordrhein-Westfalen, Wuppertal Institut für Klima, Umwelt, Energie, 2006.

OCTANORM®-Vertriebs-GmbH für Bauelemente
Raiffeisenstr. 39
70794 Filderstadt
Germany
+49 711 77003-0
info@octanorm.de
octanorm.com

Konzept & Design
unger+ kreative strategen GmbH
www.ungerplus.de



octanorm.com

AW 620 GB_Sustainability_02/2026