

sedus



se:mood

*Four-leg chair for
workspaces and
break areas*



ABOUT SEDUS

Who we are and what we do



With our solutions,
we support people
in expressing their
genius at work.

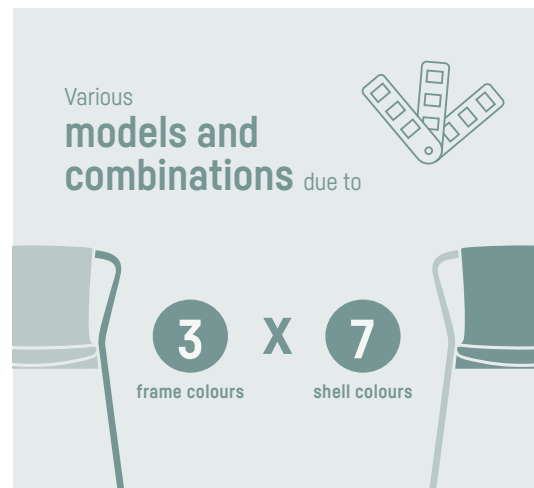
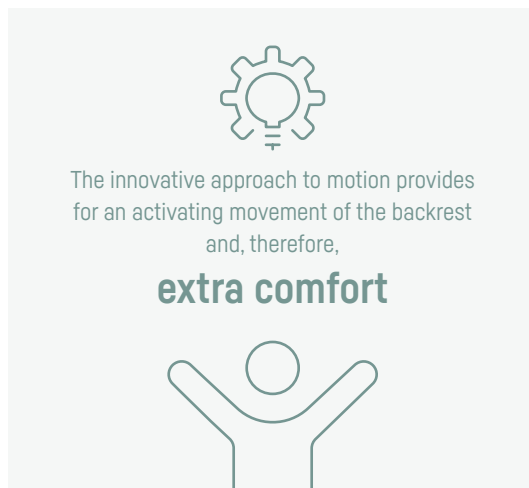
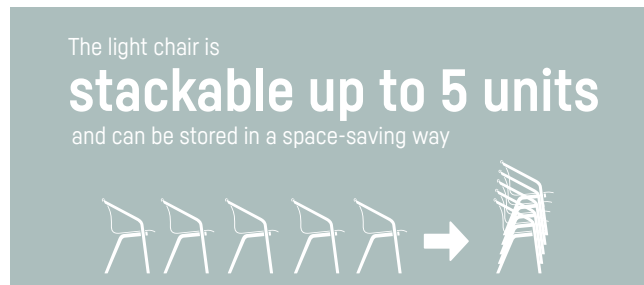
Sedus Stoll AG was founded in 1871 and is one of the leading European manufacturers of office solutions. The product range includes seating furniture, such as swivel and visitor chairs, as well as office, conference and contract furniture – all “Made in Germany”.

The company headquarters is located in Dogern on the High Rhine in southern Germany. Another production site is in Geseke, North Rhine-Westphalia. Sedus is a company with a long tradition and 150 years of company history that has repeatedly set standards – in terms of ergonomics, manufacturing processes and sustainability. As a synonym for innovation, technology and aesthetics, Sedus constantly enriches the “office world” with new product ideas and contemporary concepts. Sedus puts a strong focus on current trends and changes in the world of work. New organisational structures and forms of work require flexible, aesthetic furnishings and custom-made solutions that enhance collaboration, communication and movement. A particular emphasis is placed on the health and well-being of the users.

More information is available at www.sedus.com



Why se:mood



Certification for the se:mood







se:mood

Work together, take a break together

When it comes to modern office and workplace concepts as well as areas in which people work creatively together, the design requirements are particularly high. The interior design should be harmonious and, at the same time, adaptable, with products that create a feel-good atmosphere without being too imposing. The se:mood makes it all possible: Surprisingly different, activating and versatile.

With its puristic design, the se:mood fits everywhere where spontaneous seating is required. Whether it's a short conversation in the waiting area, a short break in the cafeteria or concentrated reading in the library, the four-leg chair is an elegant partner.

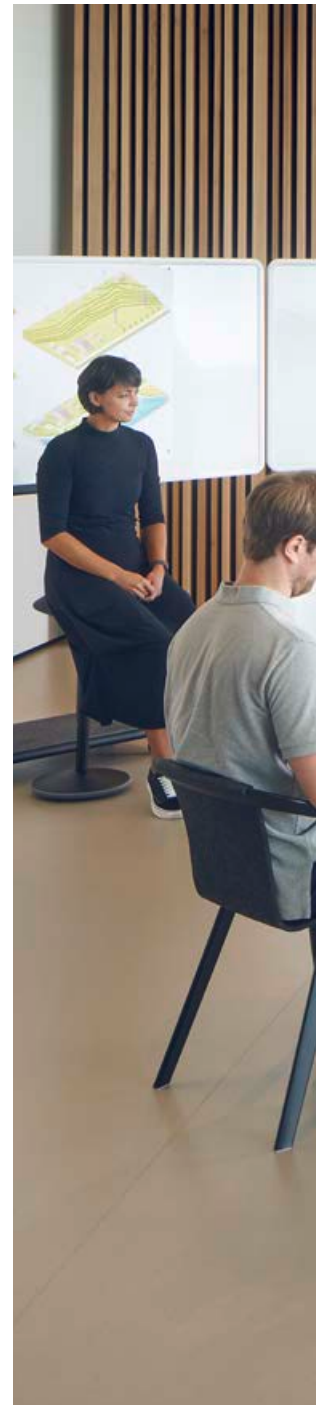


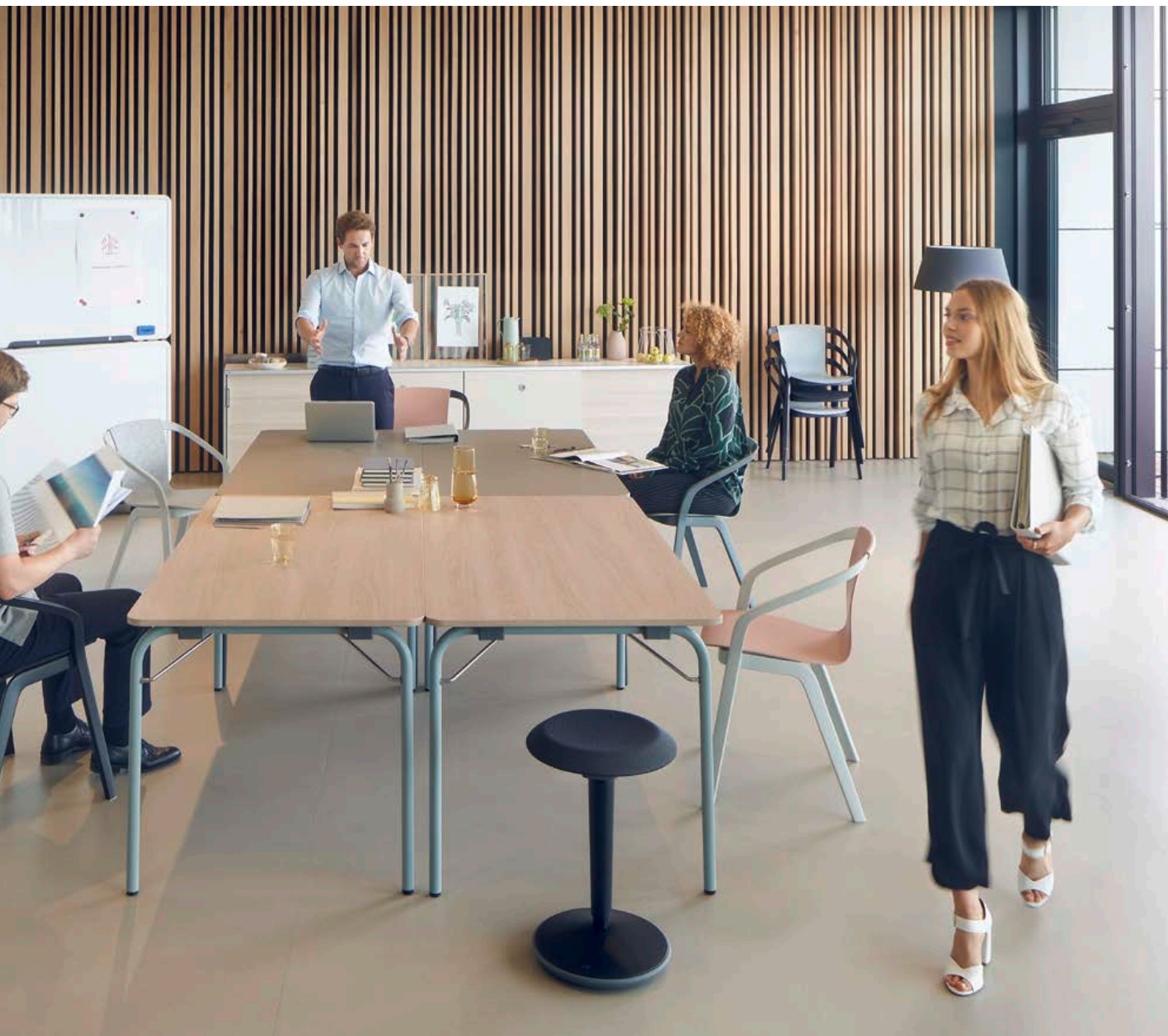
COMFORTABLE AND VERSATILE

Innovative design with a slim silhouette

At first glance, it is an elegant four-leg chair; at second glance, it is a refined piece of seating furniture. The seat shell and backrest of the se:mood are one piece, the armrests are an integral part of the frame and are connected to form a round arch. Since the rear seat area of the shell is free-floating, the backrest assumes an activating function. The result is a seating experience that reminds one of a cantilever chair – all due to the innovative design.

The se:mood is equally inspiring from a manufacturing perspective, as the four-leg chair makes a valuable contribution to sustainability and has an excellent environmental footprint. The plastic model is made of 100% recycled materials that make the chair a real environmental hero. The optional seat shell made of PET felt is also produced according to the principle of reutilisation and is 100% recyclable.





Attractive all-rounder

It can be perfectly used as a meeting chair, it fits in libraries and co-working areas and cuts a fine figure in cafeterias and canteens. The se:mood is equally suitable for both indoors and outdoors: It can also be temporarily used in covered terrace areas.

Perfect fit everywhere

The light appearance and the elegant form are the result of the reduced design. Consisting of frame and shell made of a maximum of two materials, the four-leg chair creates a calm effect and yet makes a statement in a wide variety of environments. The following principle applies: black always works, the models in basalt grey and pale grey bring modern flair to any room. Can the se:mood be a little more colourful? The seat shells in antique pink and fjord green provide additional accents. Optionally, the seat shell is also available in PET felt – in light grey or anthracite.

Seat shell in plastic



Black



Basalt grey



Pale grey



Fjord green



Antique pink

PET felt seat shell



Light grey



Anthracite

Frame



Black



Basalt grey



Pale grey

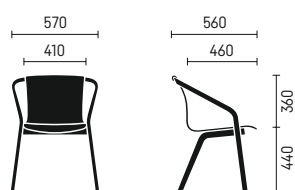
Seat cushion made of wool felt



Grey



Graphite



se:mood is stackable
up to 5 units in
a space-saving way



Beautifully designed

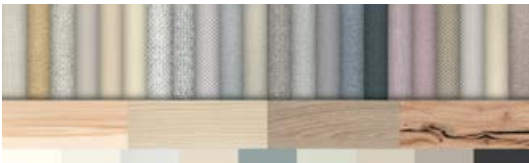
A harmonious working environment contributes significantly to well-being and productivity. Well-conceived furnishings, pleasant fabric and material combinations as well as the choice of colour accents are key factors for achieving this goal. Whether Smart Balance, Soft Being, Urban Living or Multi Creation – the se:mood can easily be adapted to any of these colour schemes.

Do you need support in planning and implementation?

The experts from Sedus Workplace Consulting are looking forward to assisting you in designing your modern smart office. From analysing the floor plan and designing the concept to choosing the colour from the Sedus colour cookbook – everything comes from a single source.

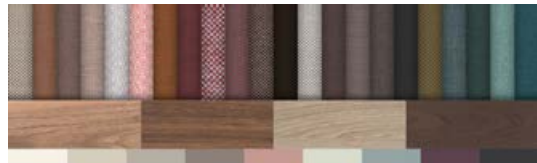
Smart Balance

light, reduced, calm, structured,
functional, technical



Urban Living

comfortable, respectable, elegant,
urban, intense, timeless



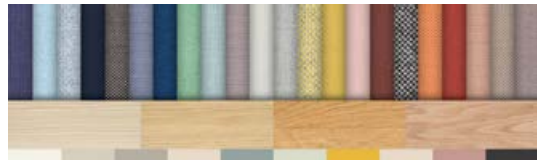
Soft Being

gentle, calm, balanced,
natural, inviting, regenerative

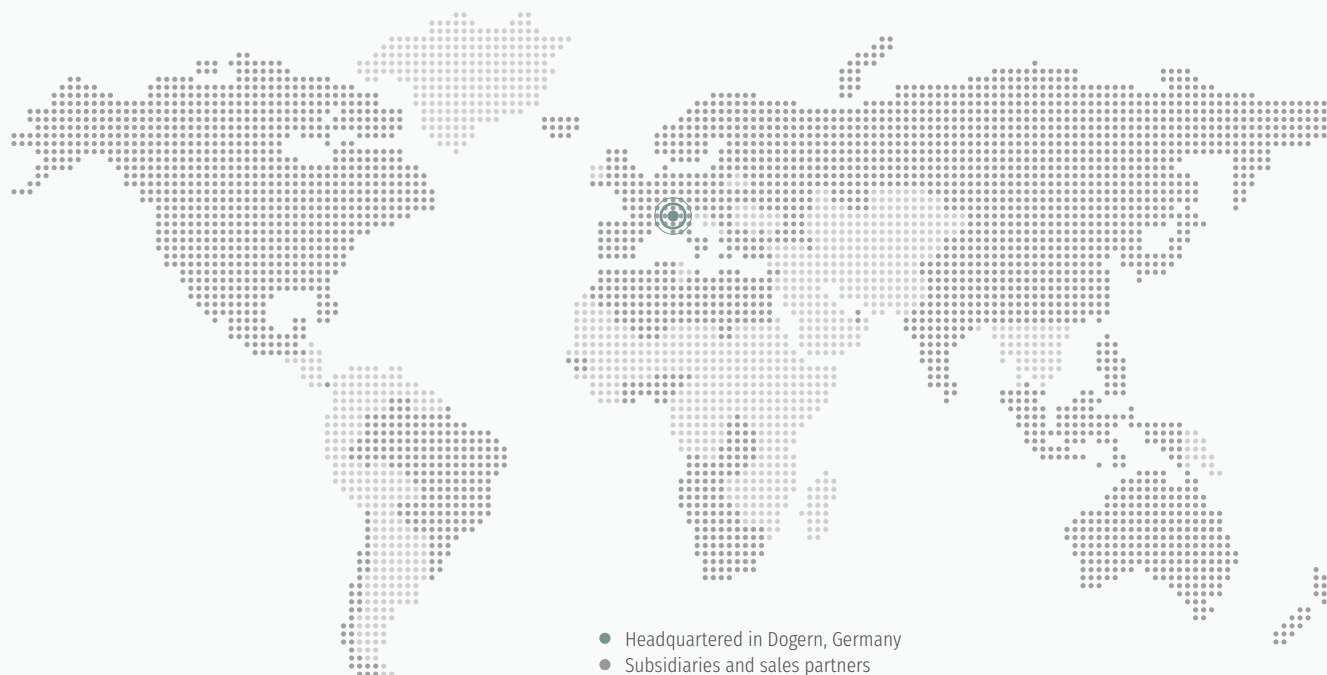


Multi Creation

motivating, inspiring, creative,
dynamic, active, open, free



On site worldwide



Visit us in one of our showrooms

- Austria: Vienna
 - Belgium: Erembodegem-Aalst
 - France: Paris
 - Germany: Berlin, Dogern, Geseke, Hamburg, Munich, Rhine-Main
 - Great Britain: London
 - Italy: Cadorago
 - Netherlands: Zoetermeer
 - Spain: Madrid
 - Switzerland: Rickenbach
 - United Arab Emirates: Dubai
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Would you like to learn, read and see more about Sedus?

Visit us on our social media channels!

“se:mood

*is a real all-rounder and a circular economy hero.
It convinces as a conference, visitor and
designer chair. Furthermore, it impresses
with its positive environmental footprint.”*

Sedus Design Team



Environmental Product Information



md-223/7111/V52/8601-147/2800

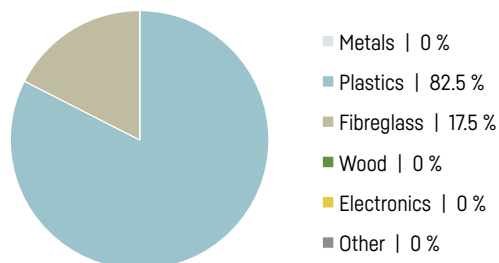
Features

- One-piece shell made of PET felt
- Seat and backrest without upholstery
- Plastic frame, stackable
- Plastic glides
- 10-year availability of spare parts
- 5-year guarantee [see Sedus Warranty Terms]

Production

- CFC-free foams
- Galvanisation with chrome III
- Use of certified upholstery fabrics in accordance with OEKO-TEX Standard 100
- Produced using 100 % green electricity
- Produced in accordance with EMAS III Environmental management
- Produced in accordance with DIN ISO 14001 Environmental management
- Produced in accordance with DIN EN 45001 Occupational safety

Materials and proportions



Recycling content/recyclable materials

	kg	%
Recycling content (post-consumer)	3.61	75.55
	kg	%
Recycling of materials	1.51	31.66
Thermal recycling	3.26	68.34
Recycling overall		99 %

The recycled materials and the recyclability of materials are determined based on data from experts and specialist organisations. When determining recycling values, Sedus uses conservative practice-oriented values and not merely the theoretically possible values. The figures shown include our products' packaging. This fact sheet is checked regularly and may be changed without giving prior notice. The most recent version can be downloaded from our homepage at any time.

Standards/certificates



Sedus has been committed to the principles of sustainable corporate governance of the United Nations Global Compact and its principles in terms of human rights, labour, the environment and anti-corruption since 2017.



Comprehensive sustainability report (GRI Report): www.sedus.com

The life cycle assessment was prepared in accordance with DIN EN 15804.

Contact: nachhaltigkeit@sedus.com



Statement

We develop products which bring together first-class quality, design, ergonomics, durability as well as ecological and economic standards in a balanced and unmistakable way – perfectly in line with our customers' needs. To this end, we set high standards for each life phase of the product.

We purchase around two thirds of the steel, aluminium and wood which we require to produce our products in Germany and almost all the rest from Europe, this helps us to avoid long delivery routes whilst, at the same time, boosting the local economy. We use materials which have been tested and assessed with respect to potentially adverse effects on human health and the environment.

REACH Regulation

This product contains no substances as per the candidate list of the REACH Regulation, Annex XIV, above the limit value of 0.1% mass percent.

Electrical appliance law

WEEE Reg No. DE 15163456

Electrical components were registered by Sedus or our suppliers as per the Electrical appliance law.

Materials

Composition of the materials used for the model:

md-223/7111/V52/8601-147/2800

Reference quantity: 1 unit

Plastics

	kg	%
PET	1.40	30.03
Polypropylene (PP)	2.45	52.45
Various plastics	<0.10	0.04

82.5 %

Other materials

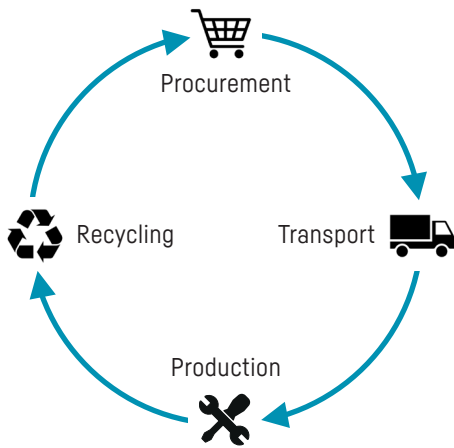
	kg	%
Metals	0.00	0.00
Fibreglass	0.82	17.48
Wood	0.00	0.00
Electronics	0.00	0.00
Various materials	0.00	0.00

17.5 %

Total weight (without packaging) 4.66 kg

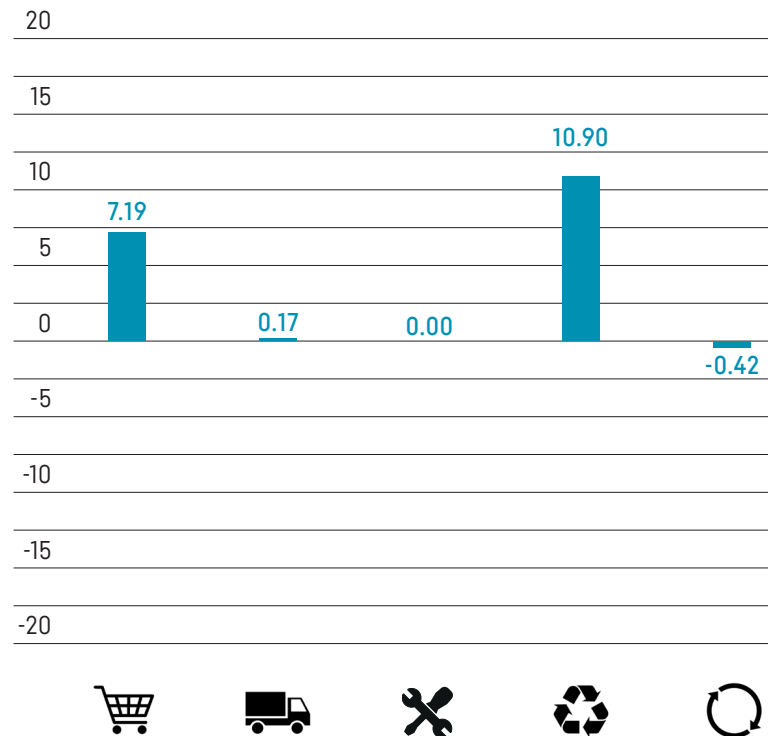
Disclaimer: The material list given may not include all the materials used in this product (e.g. adhesives, coatings, residues etc.).

Material cycle



Global warming potential within the product life cycle

GWP [kg CO₂-eq.]



Procurement and transport

It is always in Sedus' interest to purchase resources and production means from nearby partners whenever this is economically viable. Communication is easier, there are no customs duties or currency risks and shorter shipping routes are less harmful for the environment. That's why, our most important supplier country is Germany followed by other European states. The percentage of deliveries from non-European countries was less than 3 % in 2018. The proximity of the suppliers results in short shipping routes.

Production

Sedus is characterised by its impressive vertical range of manufacture. Key, environmentally relevant processes thus take place in our production facilities which are subject to regular certification.

Waste management and recycling

Sedus works exclusively with certified specialist disposal firms which it audits at regular intervals. It has worked closely with a complete disposer since 2013. We recycle paper, cardboard, plastic, glass, wood and metal at all sites. To avoid waste, the rejection rate during the production process is monitored and continually improved.

Creator of the life cycle assessment

thinkstep AG, Hauptstraße 111-113, 70771 Leinfelden-Echterdingen, Germany

Life cycle



ENVIRONMENTAL IMPACTS	Unit	A1-A3	C3	C4	D
GWP Global warming potential	[kg CO ₂ -eq.]	7.37E+00	1.09E+01	1.11E-02	-4.18E-01
ODP Ozone depletion potential	[kg CFC-11-eq.]	1.94E-13	1.12E-15	6.11E-17	-5.98E-15
AP Acidification potential	[kg SO ₂ -eq.]	1.61E-02	6.73E-04	7.06E-05	-4.77E-04
EP Eutrophication potential	[kg PO ₄ ³⁻ -eq.]	1.74E-03	1.48E-04	7.94E-06	-6.38E-05
POCP Photochemical ozone creation potential	[kg ethene-eq.]	1.05E-03	6.88E-05	5.36E-06	-4.84E-05
ADPE Abiotic depletion potential for non fossil resources	[kg Sb-eq.]	2.21E-06	1.38E-08	1.12E-09	-7.38E-08
ADPF Abiotic depletion potential for fossil resources	[MJ]	1.07E+02	1.24E+00	1.57E-01	-5.87E+00

RESOURCE USE	Unit	A1-A3	C3	C4	D
PERE Use of renewable primary energy excluding renewable primary energy resources used as raw materials	[MJ]	3.72E+01	2.77E-01	2.13E-02	-1.59E+00
PERM Use of renewable primary energy resources used as raw materials	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT Total use of renewable primary energy resources	[MJ]	3.72E+01	2.77E-01	2.13E-02	-1.59E+00
PENRE Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials	[MJ]	-1.66E+01	1.38E+02	1.62E-01	-7.26E+00
PENRM Use of non renewable primary energy resources used as raw materials	[MJ]	1.37E+02	-1.37E+02	0.00E+00	0.00E+00
PENRT Total use of non renewable primary energy resources	[MJ]	1.20E+02	1.46E+00	1.62E-01	-7.26E+00
SM Use of secondary material	[kg]	3.36E+00	0.00E+00	0.00E+00	0.00E+00
RSF Use of renewable secondary fuels	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF Use of non renewable secondary fuels	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW Use of net fresh water	[m ³]	3.78E-02	2.33E-02	4.09E-05	-1.84E-03

OUTPUT FLOWS AND WASTE CATEGORIES	Unit	A1-A3	C3	C4	D
HWD Hazardous waste disposed	[kg]	1.45E-07	9.69E-10	2.47E-09	-2.89E-09
NHWD Non hazardous waste disposed	[kg]	2.28E-01	4.55E-02	8.16E-01	-3.36E-03
RWD Radioactive waste disposed	[kg]	4.96E-03	8.56E-05	1.85E-06	-5.43E-04
CRU Components for re-use	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR Materials for recycling	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MER Materials for energy recovery	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE Exported electrical energy	[MJ]	0.00E+00	1.82E+00	0.00E+00	0.00E+00
EET Exported thermal energy	[MJ]	0.00E+00	3.26E+00	0.00E+00	0.00E+00

LEED® V4.1 Contributions*

BD+C BUILDING DESIGN AND CONSTRUCTION

Credit		Contribution
MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations	Option 1 Environmental Product Declaration [1 point]	An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.
MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials	Responsible Sourcing of Raw Materials [1–2 points]	The percentage of the recycled material is indicated on the corresponding EPI on page 1.
MR Credit Furniture and Medical Furnishings	Option 1 Minimal Chemical Content Option 3 Multi-Attribute Assessment of Products [1–2 points]	Option 1 The product contains no or less than 100 ppm of urea formaldehyde, hexavalent chromium, heavy metals, PFCs or PFOA, or added antimicrobial treatments. Option 3 An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.
MR Prerequisite Construction and Demolition Waste Management Planning	Develop and implement a construction and demolition waste management plan.	Almost entirely recyclable or reusable transport packaging is used. Disused products are taken back by agreement. The products can be efficiently recycled thanks to easily dismantled components with material identification.
EQ Credit Low-Emitting Materials	Furniture [1–3 points]	A greenguard certificate is available for this product.

ID+C INTERIOR DESIGN AND CONSTRUCTION

Credit		Contribution
MR Credit Interiors Life-Cycle Impact Reduction	Option 2 Furniture Reuse [1 point] Option 3 Design for Flexibility [1–2 points]	Option 2 Sedus products are designed for a long lifetime. They can be reused for several years after a removal or change of space. Option 3 The Sedus product consists of reconfigurable modules or components so that it can be adapted to new room requirements.
MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations	Option 1 Environmental Product Declaration [1 point]	An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.
MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials	Responsible Sourcing of Raw Materials [1–2 points]	The percentage of the recycled material is indicated on the corresponding EPI on page 1.
MR Prerequisite Construction and Demolition Waste Management Planning	Develop and implement a construction and demolition waste management plan.	Almost entirely recyclable or reusable transport packaging is used. Disused products are taken back by agreement. The products can be efficiently recycled thanks to easily dismantled components with material identification.
EQ Credit Low-Emitting Materials	Furniture [1–3 points]	A greenguard certificate is available for this product.
EQ Credit Quality Views	Give building occupants a connection to the natural outdoor environment by providing quality views [1 point]	The meaningful dimensioning of Sedus products can help to ensure quality views with the help of appropriate spatial planning.

O+M BUILDING OPERATIONS AND MAINTENANCE

Credit		Contribution
MR Credit Purchasing	Option 2 Building Materials [1–2 points]	An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.

*Potentially possible contribution assessed on the basis of the relevant LEED® V4.1 rating systems.
The contribution may vary depending on the actual rating criteria used and the individual product configuration.

Source: www.usgbc.org