



Environmental product declaration

according to ISO 14025 and EN 15804

wiesner hager concept

Table for public areas, acc. to EN 15372 and EN 1730
reddot design award 2017 winner

europa design award 2017 winner

yuno Rectangular table

- ✓ CRITERION 1: ISO 14025 TYPE III
- ✓ CRITERION 2: BASED ON ISO 14040
- ✓ CRITERION 3: BASED ON ISO 14044





Environmental Product Declaration
EPD

Design: Andreas Krob

| | |
|---|--|
| <p>Wiesner-Hager Möbel GmbH Linzer Straße 22 A-4950 Altheim Tel. 0043 7723 460-0 http://www.wiesner-hager.com/en/</p> | Manufacturer Declaration holder |
| TA 22012 1634 3940-836 03297740140 | EPD number |
| 3940-836 yuno yuno Rectangular table | Declared product |
| This declaration was compiled according to ISO 14025 and EN 15804 type B. It describes the environmental rating of the listed product and gives the possibility to compare it with other similar products. | Purpose |
| The content of this declaration is based on the results of the operational life cycle assessment, according to EN ISO 14040/44 of the fiscal year 2022/23. The used generic data comes from acknowledged life cycle management databases and current EPD's of the declaration holders upstream products and are calculated using the CML method. https://www.wiesner-hager.com/en/about-us/sustainability/life-cycle-assessment/ | Data origin |
| The procedure to compile this declaration was audited on 14 th September 2023 by TÜV Austria GmbH. | Auditing |
| Dipl.-Ing. Dr. Jürgen Hain, TÜV Austria GmbH, Wien | Auditor |
| By means of the certificate TA 22012 1634 from 26 th September 2023, TÜV Austria GmbH authorizes the declaration holder to generate EPD type III. Download certificate | Certification |
| The certificate is valid until 30 th September 2026. The compliance of the requirements will be ensured by annual, internal and external evaluations. | Validity |
| Gerhard Steigthaler, Master of Science, environmental engineer | Issuer |
| 29. February 2024 | Date of issue |

| <p>This declaration includes</p> <ul style="list-style-type: none"> - Pictures, descriptions and fulfilled standards - Information about life cycle assessment - Specific characteristics of the product configuration - Indicators of the life cycle and impact assessment - Details on the material composition of the product - Information about material certificates of the used raw materials - Recycling potentials | Content | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------|----------|----|------------------------------------|-----|----|--|-----|----|----------------------------------|-----|----|---------------------------------|----|----|--|-----|----|----------------------------------|-----|----|-------------------------|----|----|-------------|----|----|--------|----|----|------------|----|----|------------|----|----|---|----|----|--|----|----|------------|----|----|-----------------------------------|-----|----|-----------------|-----|----|-------------|-----|---|---------------------|-----|--------------------------|
| <p>The assessment of the declared product covers the whole lifecycle process from raw materials, manufacturing and disposal, including all transportation. The anticipated lifespan of the product is 15 years, assuming the product is used in line with the manufacturer's guidance and for the application it was designed and intended. As a result of the high product quality, no repairs are expected during the lifetime and no environmental impact is anticipated. All recycling is carried out in line with European standards. Component parts are separated and recycled accordingly and any remaining waste material is incinerated under strict controls for the generation of energy. All transport distances including those of our suppliers and subcontractors are considered; all distances are calculated using route planning software. The distance between the declaration holder and the end user is 500 km, the average distance between the end user and the waste management company is calculated at 50 km.</p> | Investigation frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The standard EN 15804 describes the basic rules for the preparation of environmental product declarations for building materials. Furniture are still irrelevant for sustainability certifications of buildings, however we try to assign the high transparency of this standard to our furniture as far as possible. The following lifecycles are considered in this document:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Phase</th> <th style="text-align: left;">Name of lifecycle</th> <th style="text-align: left;">relevant</th> </tr> </thead> <tbody> <tr><td>A1</td><td>raw material supply and processing</td><td>yes</td></tr> <tr><td>A2</td><td>transportation to the manufacturer of precursor products</td><td>yes</td></tr> <tr><td>A3</td><td>production of precursor products</td><td>yes</td></tr> <tr><td>A4</td><td>transportation to building site</td><td>no</td></tr> <tr><td>A4</td><td>transportation of the product to the end user *)</td><td>yes</td></tr> <tr><td>A5</td><td>manufacturing of the product **)</td><td>yes</td></tr> <tr><td>B1</td><td>use of the product ***)</td><td>no</td></tr> <tr><td>B2</td><td>maintenance</td><td>no</td></tr> <tr><td>B3</td><td>repair</td><td>no</td></tr> <tr><td>B4</td><td>substitute</td><td>no</td></tr> <tr><td>B5</td><td>renovation</td><td>no</td></tr> <tr><td>B6</td><td>energy consumption for technical building equipment</td><td>no</td></tr> <tr><td>B7</td><td>water consumption for technical building equipment</td><td>no</td></tr> <tr><td>C1</td><td>demolition</td><td>no</td></tr> <tr><td>C2</td><td>transportation to waste treatment</td><td>yes</td></tr> <tr><td>C3</td><td>waste treatment</td><td>yes</td></tr> <tr><td>C4</td><td>landfilling</td><td>yes</td></tr> <tr><td>D</td><td>recycling potential</td><td>yes</td></tr> </tbody> </table> <p>*) Acc. to EN 15804 the modul A4 describes the transport of the building materials to building site, here it stands for the transport of furniture to the end user</p> <p>**) Acc. to EN 15804 the modul A5 describes the installation of building materials into the building, here it stands for the manufacturing of the furniture at the factory</p> <p>***) The use of our furniture has no relevant environmental effects</p> | Phase | Name of lifecycle | relevant | A1 | raw material supply and processing | yes | A2 | transportation to the manufacturer of precursor products | yes | A3 | production of precursor products | yes | A4 | transportation to building site | no | A4 | transportation of the product to the end user *) | yes | A5 | manufacturing of the product **) | yes | B1 | use of the product ***) | no | B2 | maintenance | no | B3 | repair | no | B4 | substitute | no | B5 | renovation | no | B6 | energy consumption for technical building equipment | no | B7 | water consumption for technical building equipment | no | C1 | demolition | no | C2 | transportation to waste treatment | yes | C3 | waste treatment | yes | C4 | landfilling | yes | D | recycling potential | yes | System boundaries |
| Phase | Name of lifecycle | relevant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1 | raw material supply and processing | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2 | transportation to the manufacturer of precursor products | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A3 | production of precursor products | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4 | transportation to building site | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A4 | transportation of the product to the end user *) | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A5 | manufacturing of the product **) | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1 | use of the product ***) | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2 | maintenance | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B3 | repair | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B4 | substitute | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B5 | renovation | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6 | energy consumption for technical building equipment | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B7 | water consumption for technical building equipment | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C1 | demolition | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2 | transportation to waste treatment | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3 | waste treatment | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C4 | landfilling | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | recycling potential | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|----------------------------------|
| The general information of the LCA refers to whole lifecycle, beginning with the raw material make, the manufacturing of the product until the disposal of <i>one</i> unit of the product with an anticipated lifespan of 15 years. But the division of impact factors with the masses of the product allows also a specific statement in mass. | Functional unit |
| Table for public areas, acc. to EN 15372 and EN 1730 reddot design award 2017 winner european design award 2017 winner | Application |
| 3940-836 yuno yuno Rectangular table | Identification of product |
| yuno impresses with its minimalist design combined with a sophisticated technological concept: it has all the positive features of a folding table whilst avoiding its weaknesses. The extra folding operation is avoided which means significant time saving for setup and dismantling. Furthermore, the table's construction facilitates compact stacking and thus space-saving storage. Unlike traditional folding tables, what is particularly clever about yuno is that when setting up for banquets or in rows, the tables can be interlocked longitudinally without extra linking devices thanks to its special interconnecting frame. Moreover, yuno's high quality, aesthetically appealing design makes it suitable for other areas such as seminar rooms, creative spaces and canteens. | Description of product |
| size of top 80 x 180 cm; table top laminate (MFC); colour of table top D56 white; colour of met.aluminium joints 55 eloxal silver; colour of metal 55 eloxal silver; leg finish plastic glides with castors; delivery assembled | Configuration of |

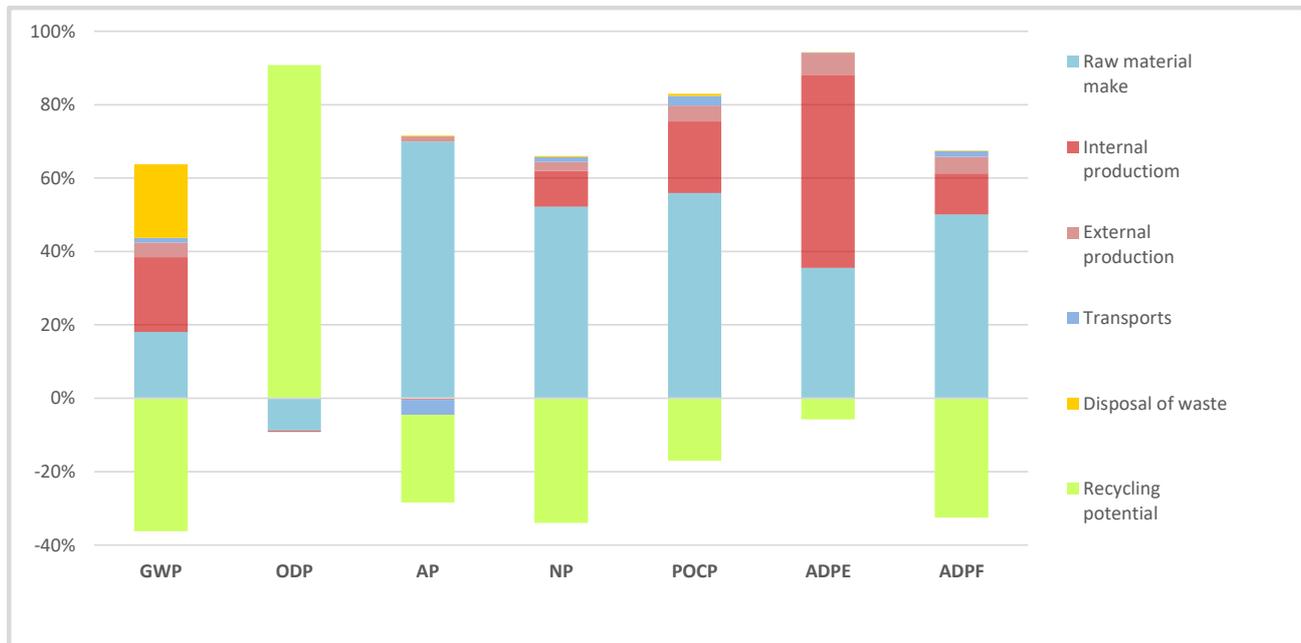
Eco-balance indicators

| LCA Indicators | | Global warming GWP | Ozone depletion ODP | Acidification AP | Nutritification NP | Ozone creation POCP | Abiotic resources ADPE |
|---------------------------|-------|--------------------|---------------------|------------------|--------------------|---------------------|------------------------|
| | | CO2 eq. | CCl3F eq. | SO2 eq. | PO4-3 eq. | C2H4 eq. | Sb eq. |
| Lifecycle | | (kg) | (mg) | (g) | (g) | (g) | (g) |
| Raw material make | A1-A3 | 24,14 | 0,37 | 23,48 | 163,89 | 21,07 | 0,17 |
| Transportation | A4 | 0,68 | 0,00 | -0,53 | 1,59 | 0,38 | 0,00 |
| Internal production | A5 | 27,16 | 0,01 | -0,14 | 30,90 | 7,36 | 0,25 |
| Sub-contracting | A5 | 0,00 | 0,00 | 0,0 | 0,00 | 0,00 | 0,00 |
| Transport to the end user | A4 | 1,01 | 0,00 | -0,76 | 2,30 | 0,55 | 0,00 |
| Waste treatment | C2-C4 | 26,85 | 0,00 | -0,04 | 1,19 | 0,27 | 0,00 |
| Recycling potential | D | -48,34 | -3,80 | -8,02 | -106,82 | -6,43 | -0,03 |
| Total | | 31,50 | -3,42 | 13,99 | 93,05 | 23,20 | 0,39 |

| Use of resources | | Abiotic fossil fuels | Primary energy renewable | | Primary energy fossil | | Use recycled fibre |
|---------------------------|-------|----------------------|--------------------------|---------------|-----------------------|--------------|--------------------|
| | | | energy carrier | material use | energy carrier | material use | |
| Lifecycle | | ADPF | PERE | PERM | PENRE | PENRM | SM |
| | | (MJ) | (MJ) | (MJ) | (MJ) | (MJ) | (kg) |
| Raw material make | A1-A3 | 763,52 | 212,68 | 337,08 | 822,98 | 53,89 | 6,70 |
| Transportation | A4 | 9,08 | 0,54 | 0,00 | 9,11 | 0,00 | 0,00 |
| Internal production | A5 | 170,82 | 88,01 | 0,56 | 162,87 | 3,39 | 0,01 |
| Sub-contracting | A5 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| Transport to the end user | A4 | 13,46 | 0,81 | 0,00 | 13,51 | 0,00 | 0,00 |
| Waste treatment | C2-C4 | 3,51 | 1,03 | -206,96 | 29,99 | -42,80 | 0,00 |
| Recycling potential | D | -495,91 | 178,78 | 0,00 | -622,91 | 0,00 | 0,00 |
| Total | | 464,47 | 481,86 | 130,69 | 415,55 | 14,48 | 6,71 |

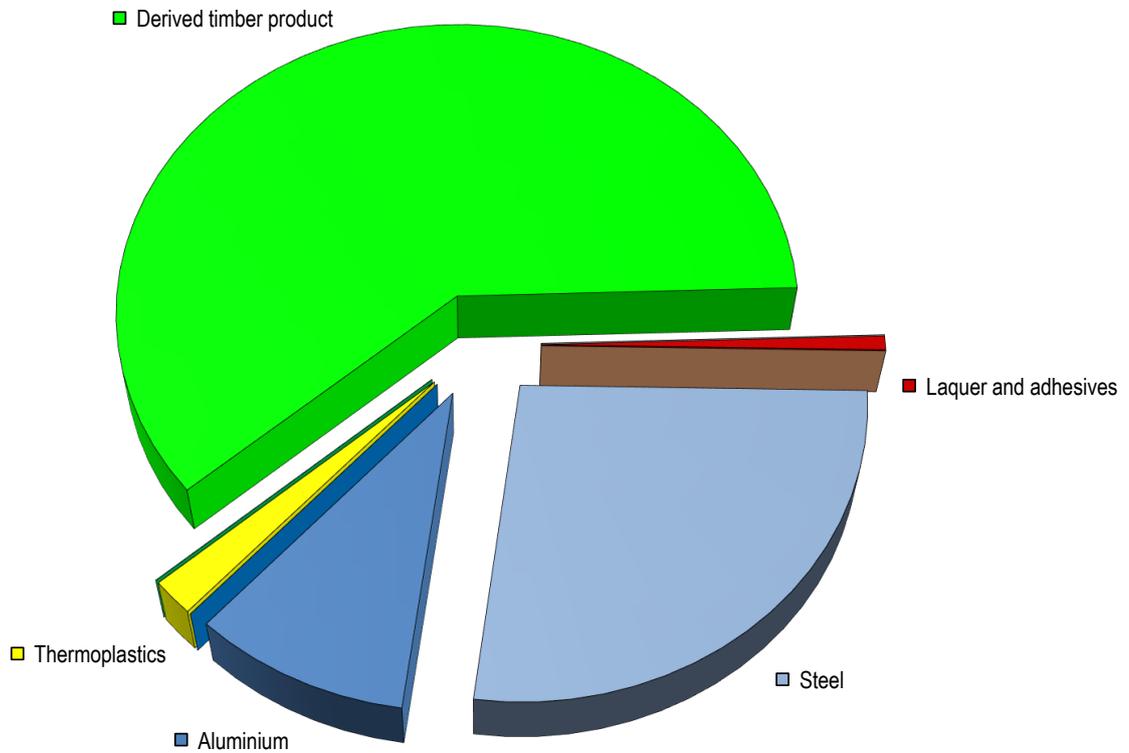
| Use of resources / waste | | Recycled fuels | | Use sweetwater resources | Waste | | |
|---------------------------|-------|----------------|-------------|--------------------------|----------------------|--------------|-------------------|
| | | renewable | fossil | | dangerous waste site | no dangerous | radioactive waste |
| Lifecycle | | (RSF) | (NRSF) | FW | (HWD) | (NHWD) | (RWD) |
| | | (MJ) | (MJ) | (m³) | (kg) | (kg) | (kg) |
| Raw material make | A1-A3 | 25,54 | 0,00 | 0,48 | 0,02 | 6,94 | 0,04 |
| Transportation | A4 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| Internal production | A5 | 0,00 | 0,00 | 0,17 | 0,00 | 0,26 | 0,00 |
| Sub-contracting | A5 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| Transport to the end user | A4 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| Waste treatment | C2-C4 | 0,00 | 0,00 | 0,01 | 0,00 | 0,76 | 0,00 |
| Recycling potential | D | 217,16 | 0,00 | -0,04 | 0,07 | -4,92 | -0,07 |
| Total | | 242,71 | 0,00 | 0,61 | 0,08 | 3,04 | -0,03 |

Impact contribution



| Material composition | | | Recycling content | | | |
|---------------------------|---------------|---------------|-------------------|---------------|--------------|-----------|
| Materials | Weight | Share | material | energetic | disposal | [] |
| Steel | 7,180 | 26,8% | 7,037 | 0,000 | 0,144 | kg |
| Aluminium | 2,583 | 9,6% | 2,531 | 0,000 | 0,052 | kg |
| Other metals | | | | | | |
| Thermoplastics | 0,524 | 2,0% | 0,035 | 0,436 | 0,052 | kg |
| Duromer | | | | | | |
| Elastomer | | | | | | |
| Laminated plastics | | | | | | |
| Wood-Plastic Composites | | | | | | |
| Solid wood | | | | | | |
| Derived timber product | 16,254 | 60,7% | 0,000 | 16,010 | 0,244 | kg |
| Paper, -board | 0,008 | 0,0% | 0,005 | 0,003 | 0,000 | kg |
| Leather | | | | | | |
| Other renewable materials | | | | | | |
| Glass | 0,040 | 0,1% | 0,025 | 0,000 | 0,015 | kg |
| Other mineral materials | | | | | | |
| Laquer and adhesives | 0,200 | 0,7% | 0,000 | 0,178 | 0,022 | kg |
| Chemicals | | | | | | |
| Auxiliaries | | | | | | |
| Total | 26,789 | 100,0% | 9,633 | 16,628 | 0,528 | kg |

Material composition



The proportion of secondary raw material in this product is 35,4%. It includes 60,7% renewable materials.

Use of laquer and adhesives

| Application | Chemical characterisation | Weight ¹ | VOC ² | Classific. ³ |
|---------------------|------------------------------|---------------------|------------------|-------------------------|
| Wood glues | - | - | - | - |
| Hotmelt adhesives | - | - | - | - |
| Fabric glues | - | - | - | - |
| Assembly adhesives | Methyl methacrylate adhesive | 0,00198 kg | 3,0% | yes |
| Assembly adhesives | Instant adhesive | 0,0002 kg | 3,0% | no |
| Stains | - | - | - | - |
| Water-based varnish | - | - | - | - |
| Powder coatings | Polyester powder lacquer | 0,197 kg | 0,0% | yes |

The product includes 0,0075 kg of PVC.

¹ dry matter

² uncured

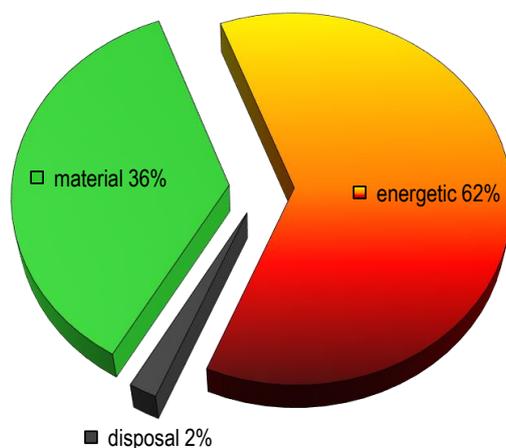
³ acc. EG Reg. No 1272/2008

The following certificates are valid only for the mentioned raw-materials but not for the final product:

Decorative chipboard: FSC Standard - certificate SGSCH-COC-110039, licence FSC-C017963



Recycling rate (EoL)



The chart shows the presently usual recycling rate in Western Europe, based on the used material mix.

The thermal recycling will release energy to the amount of 298 MJ. This is equivalent to 8,3 litre of light fuel oil.

The remaining ash from the incineration will be disposed of in a landfill.

Publisher and picture credits

Wiesner-Hager Möbel GmbH
Linzer Straße 22
A- 4950 Altheim
Tel. +43 7723 460 0
eMail: altheim@wiesner-hager.com
<https://www.wiesner-hager.com/en/contact/>

wiesner hager concept

Certification

TÜV Austria Cert GmbH
Krugerstraße 16
1015 Wien
[Search product certificates](#)



Specialist counselling

Denkstatt GmbH
Environmental consulting
Hietzinger Hauptstraße 28
1130 Wien
<https://denkstatt.eu/?lang=en>

