

# Stp 22

BEST OF AUSTRIAN DESIGN

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NATIONAL DESIGN PRIZE  
WINNING PROJECTS



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## The importance of design has far transcended merely the visual and functional design of products for a long time.

Particularly in an era of digitalisation, design is instead a significant transporter of innovations and a decisive factor with respect to competitiveness and employment. Especially in the area of future-oriented topics, where creativity is the raw material for innovation, design functions as an incubator for ideas and technological developments.

There is a close connection, so central to the future, between digitalisation and design: both influence services and determine the content of products and environments. Just like digitalisation, design facilitates applied innovation that succeeds in achieving practical benefits for customers.

The State Prize for Design, which is being awarded for the forty-ninth time this year, therefore plays a central role in the portfolio of state prizes awarded by the Federal Ministry for Digitalisation and Economic Location. The nominees and winners of the State Prize in 2022 impressively demonstrate how design utilizes the possibilities of modern technology to identify, develop, and implement solutions for people and companies.

I am particularly pleased that the best Austrian design solutions will not only be honoured at the award ceremony, but will also be presented to a broader public in an exhibition and are, moreover, honoured in this catalogue. I hope you enjoy this journey through the current Austrian design landscape and wish you a stimulating read with the numerous projects and products full of creativity and innovation.



**Margarete Schramböck**

Federal Minister for Digitalisation and Business Location

 **Bundesministerium**  
Digitalisierung und  
Wirtschaftsstandort



## Innovations and innovative products and solutions are more in demand today than ever before.

Particularly in challenging times, with their ideas, innovators and designers play a decisive role in initiating not only entrepreneurial success, but also in ecological, societal, or social change, and thus in positively developing locations. As the federal promotional bank, the Austria Wirtschaftsservice GmbH (AWS) accompanies innovative projects and design ideas starting from the early stages in order to promote them on their way to becoming products and companies. For example, the AWS supports design innovations from Austria with the funding programs 'AWS First Incubator' and 'AWS Preseed | Seedfinancing – Innovative Solutions'.

In the revised program, which has been adapted to market needs, young designers are given the opportunity to channel their creativity into

entrepreneurial paths at an early stage and to equip themselves for market entry. With the DesignImpact-Concepts special prize, the AWS recognises innovative design concepts with market relevance and great economic potential.

**Bernhard Sagmeister & Edeltraud Stiftinger**  
Management Austria Wirtschaftsservice GmbH

austria wirtschaftsservice





Federal Ministry for Digital and Economic Affairs is awarding prizes for the most creative and innovative design solutions for the forty-ninth time. For the first time, prizes will be awarded in the three categories of 'Consumer Goods', 'Capital Goods', and 'Product Design Interior' as part of the State Prize in 2022. In addition, there is also the special prize 'Spaces & Environment', and within the framework of the special prize 'DesignImpact-Concepts', innovative and promising projects by young designers are supported on their way to market maturity. The National Design Prize is organized by designaustria.

This catalogue presents all twenty-eight entries selected by a jury of independent experts. In the three main categories, a total of three state prizes and nine nominations as well as six awards (of a possible twelve) were awarded; in the special category 'Spaces & Environment', one special prize and seven awards were selected. In the special category 'DesignImpact-Concepts' for products and design concepts that have not yet been realised, prize money totalling 6000 euros was awarded, divided equally among the three entries selected. The State Prize for Design also allows for international collaborations with the mandatory involvement of at least one partner based in Austria. This year, the final selection included projects that were partially created in Germany, Italy, Croatia, Slovenia and the Czech Republic.

The submissions offered the jury comprehensive insights into the broad spectrum of Austrian design work and the Austrian economy. The jury agreed that the projects and objects submitted offer answers to the questions of our time at a high level. 'The projects for this year's State Prize for Design once again show that design awareness is becoming more and more relevant among Austrian companies as well, but also that the high design quality in the country is able to keep pace with international standards without any problems,' said the internationally active designer Sylvia Feichtinger. For Elisabeth Petermann, a design and trend researcher, the submissions were 'decidedly multidimensional in their understanding of design. This was also reflected in the evaluation process: a well-tempered triad of future-proof concept, ecological/social sustainability, and appropriate aesthetics was decisive.' André Poulheim, co-founder of the German design studio Noto, emphasised that the most convincing works were those that succeeded in 'rethinking the familiar in order



to improve design and function for users, and assume social and ecological responsibility with the solutions produced or even develop new technologies.' Nevertheless, Wolfgang Held, an internationally active industrial designer and managing director of the full-service design agency Form Orange, emphasised how important it is to look at design from a holistic perspective: 'Design should be integrated into a product in a natural way ... and thus represent a cog in the wheel of an overall development.' For the future, the architect and designer Gregor Eichinger would like to see a tenfold increase in the number of submissions to the State Prize for Design, because the good and groundbreaking projects by Austrian design and architecture firms are something to be proud of.

↑ The jury of the Austrian National Design Prize 2022: Sylvia Feichtinger, André Poulheim, Wolfgang Held, Gregor Eichinger, and Elisabeth Petermann

Our gratitude goes out to the jury members, who volunteered their expertise, experience, and generous commitment to the cause, and have made an impressive selection that need not fear international comparison. Furthermore, our special thanks go to all the designers and entrepreneurs who participated in the competition with passion and courage and thus contributed to interesting and important discussions. Our warm congratulations to the winners!



01

CONSUMER GOODS





## Rolf Plant-Based Eyewear SPECTACLES

This eyewear is all about plant power. The basis of the new collection is a powder extracted from the so-called castor oil plant. The frames are made in Austria and are highly resilient and featherlight. The patented eyeglass hinge is printed using 3D-printing technology and therefore does not require screws or metal parts. In addition to the high functionality and the balanced design language, spectacle wearers also benefit from the flexibility, naturalness, and skin compatibility of the plant-based spectacle frames.

### Jury Statement

The generic design language of ROLF spectacles is not undercut the delicate hinges, but instead reinforced: functional, detail-conscious, balanced, and discreet. And all for the circular economy, which extends from the cultivation of the castor oil plant to the use of the material. When you develop a product with the idea of it constantly evolving, you have already completed it, because there is no endpoint. ROLF glasses facilitate product growth and a clear view into the future.

#### NATIONAL DESIGN PRIZE

**Design** Johannes Wacker,  
Bernhard Wolf, Roland Wolf

**Client & Producer**  
ROLF – Roland Wolf GmbH,  
rolf-spectacles.com

**Photo Copyright**  
ROLF – Roland Wolf GmbH





## NOW

### CHILDREN'S AND YOUTH BIKE



#### NOMINATION

**Design**  
woom GmbH, woom.com

**Producer & Client**  
woom GmbH

**Photo Copyright**  
woom GmbH

With the woom NOW, the Austrian children's and youth bicycle manufacturer has brought a bike for an urban lifestyle onto the streets that is as striking as it is unusual. It is able to carry luggage on the front, has a novel frame architecture, and is inspired by the aesthetics of the world of bicycle couriers. The bikes, which are tailored to the anatomy of children, feature complete roadworthy equipment with lights, a hub dynamo, hydraulic disc brakes, and balloon tyres suitable for cobblestones.

#### Jury Statement

Age-appropriate bicycles that can be passed on from generation to generation. The design already emphasizes a distinguishing market criterion: the carrier for a school rucksack is mounted on the front of the bike, thus facilitating all need-based handling with high aesthetics.



NOMINATION

## PLAYmake – 4 in 1

### WORKSHOP FOR KIDS +5

PLAYmake is a fully functional, child-safe machine set and was developed for the youngest (+5 years) of hobbyists. Woodturning, sawing, drilling, and sanding become child's play. There is no risk of injury; and for assembly and reassembly, a simple interlocking system is used to simplify operation. The PLAYmake machines thus teach cool techniques in woodcrafts and help children create great workpieces in a short time.

#### NOMINATION

**Design** Manfred Heindl,  
Markus Tanzer-Kargl

**Client & Producer**  
The cool tool GmbH,  
thecooltool.com, playmake.de

**Photo Copyright**  
The cool tool GmbH



#### Jury Statement

This tool supports children's autonomy – and is also fun for parents! The tool is absolutely safe, with no risk of injury. Children are thus brought back to reality from their digital everyday life and are able to train their manual skills at the same time.

NOMINATION

CONSUMER GOODS 11





## Redster Gen S

### XC SKI

#### NOMINATION

**Design** Daniel Gappmaier,  
Michael Reiter, Herbert Modelhart

**Client & Producer** Atomic Austria  
GmbH, [atomic.com](http://atomic.com)

**Photo Copyright**  
Atomic Austria GmbH



Redster Gen S is redefining skiing thanks to a completely new construction. The Gen S technology offers first-class thrust efficiency with a completely reworked profile, as well as optimised stability and agility thanks to a shorter ski length. Combined with a new sidewall for even more direct power transmission, the Redster Gen S revolutionises the cross-country skiing experience, whether on the racetrack or during training.

### Jury Statement

The classic among cross-country skis, now even simpler and greatly improved in shape. A universal product with simple graphics. The good doesn't have to stand out, because good is when it doesn't stand out. Striking, isn't it?

## Elan GT6

### SAILING YACHT

Combining nature and technology on the high seas to provide a unique experience is the idea behind the new Elan GT6 sailing yacht. The luxurious sailing vessel is inspired by the shape and dynamics of sports cars and the gentle and powerful movements of rays. The yacht's appearance comprises precisely balanced proportions and a reduced ergonomic design language. High-quality, functional materials, precisely designed details, and a carefully developed colour concept ensure maximum comfort on board. The sailing yacht is an aesthetic symbiosis of design and engineering.

#### DISTINCTION

##### Design

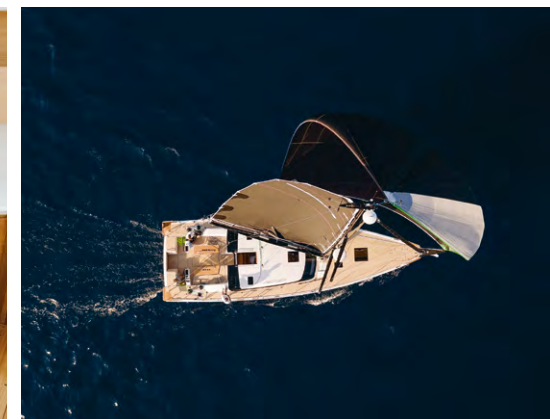
Studio F.A. Porsche, Roland  
Reitenbach, Anna Gorbunova,  
[studiofaporsche.com](http://studiofaporsche.com)

##### Client & Producer

Elan Yachts, [elan-yachts.com](http://elan-yachts.com)

##### Photo Copyright

Studio F.A. Porsche, Elan Yachts





## manadental

PHOTODYNAMIC CARE



### DISTINCTION

**Design** Johannes Smolle

### **Client & Producer**

Mana Health Technologies GmbH

### **Photo Copyright**

Mana Health Technologies GmbH

manadental is the first product to provide comprehensive oral hygiene outside the doctor's office, and protects against gingivitis and gum disease in particular. The completely new, light-activated manadental rinse eliminates stubborn bacteria in the tooth pockets and on the gums, resulting in radical improvements in oral health. manadental irradiates those areas that – despite daily and careful tooth cleaning – are nevertheless neglected. The design focuses on rational purism and inspires confidence in the aesthetically and technically sophisticated product.

## Fischer One | Two

CHILDREN'S SKI BOOT

The all-new Fischer ONE and TWO are 100 % tailored to the needs of children, since they have been designed for their particular anatomical, weight-, and age-specific requirements. The innovative concept behind this is equipping a new generation of skiers, whose products are not set apart from those of adults, but are instead created in a category of their own. The lightweight chassis, extremely durable, waterproof gaiters, and the child-friendly zip and velcro fastening make it possible to learn this winter sport more quickly.

### DISTINCTION

**Design** Luka Stepan, Blaz Bajzelj, Cinzia Benetti

### **Client & Producer**

Fischer Sports GmbH,  
fischersports.com

### **Photo Copyright**

Fischer Sports GmbH



02

CAPITAL GOODS



# Roof Tiles V11

## CLAY ROOF TILES

### NATIONAL DESIGN PRIZE

**Design** Studio F.A. Porsche,  
Jörg Tragatschnig,  
studiofaporsche.com

**Client & Producer**  
Wienerberger Österreich GmbH,  
wienerberger.at

**Photo Copyright**  
Studio F.A. Porsche,  
Wienerberger Österreich GmbH

These roof tiles are made of clay, a material that stands for tradition and high quality and simultaneously displays a modern design language in this model. The dimensions and the design of the overlapping areas of the tiles in relation to each other are the elements that determine function and form. The design shows triangles on a rectangular base, which are tilted three-dimensionally to ensure the best possible rainwater drainage. Even in storms, heavy snow loads, and other difficult weather conditions, these clay roof tiles guarantee a secure hold while always retaining a modern, geometric appearance.



### Jury Statement

From a historical perspective, one could say that architecture begins with the roof. The time has now come for product design to make architecture. The design scope for roof tiles is not large, so it is admirable when such an object is formally designed in such an innovative way. Light and shadow create a striking image that produces a sensational effect. Clean execution and precise angles: that is what the Wienerberger clay roof tiles are all about.





# PHANTOR

## MOBILE ATMOSPHERIC WATER GENERATOR

### NOMINATION

**Design** DO:IT Solutions GmbH,  
do-it.world

**Client**  
Neoom Group, neoom.com

**Producer** Imhotep.Industries

**Photo Copyright** HOVN

PHANTOR is an innovative atmospheric water generator designed for stationary and semi-stationary use. It generates drinking water in regions of the world where it is not available. To increase energy efficiency, the de-humidified and cooled air is not simply blown out as part of the water generation cycle, but is fed back into the re-cooler situated directly in the housing. An integrated power storage unit in combination with a photovoltaic system on the roof ensures that the unit functions even in the event of a power failure. As one of the most powerful atmospheric water generators on the market, a Phantor can produce up to 10,000 litres of drinking water per day.

### Jury Statement

Water is a human right. Phantor is able to generate 10,000 litres of drinking water from the air every day, (also) in crisis areas. These high-performance machines save lives and are made for rescue situations.



# RT – Revolutionary Technology

## FULLY ELECTRIC FIREFIGHTING VEHICLE



The RT is a completely new development of the tank firefighting vehicle concept that sets new standards on all levels. The heavy equipment is stored at an ergonomic height, and the hydraulic chassis and compact external dimensions of the RT facilitate purely electric and thus emission-free close-range operation. It is also user friendly: the integrated LED strips provide shadow-free illumination, and both the cockpit and the crew cabin provide excellent communication possibilities.

### Jury Statement

The first firefighting vehicle with electric mobility. The new drive changes the design. The high load due to frequent use on short distances requires a more flexible engine; the clean design emphasizes the ecological focus.

### NOMINATION

**Design** moodley industrial design  
GmbH, moodley.at

**Client & Producer**  
Rosenbauer International AG,  
rosenbauer.com

**Photo Copyright**  
Rosenbauer International,  
moodley industrial design GmbH



# HEROS H30

## FIREFIGHTER HELMET

### NOMINATION

#### Design

formquadrat gmbh,  
Stefan Degn, Julian Pröll,  
formquadrat.com

#### Client & Producer

Rosenbauer International AG,  
rosenbauer.com

#### Photo Copyright

Rosenbauer International AG

Creative brand building blocks based on the corporate product design make the HEROS H30 firefighter helmet unmistakably a Rosenbauer product. The typical design feature of bevelled edges radiates strength, dynamism, and lightness. The central crest gives the wearer heroic greatness. The HEROS H30 also masters extreme temperatures from -40 to over 300 °C. With its balanced ergonomics, minimal weight, and tool-free expandability with additional modules, including a positional rear light – the HEROS H30 is an ideal piece of equipment for saving lives.

### Jury Statement

The Rosenbauer helmet was designed for firefighting personnel: It is safer than other helmets, emotionally appealing, honourable, and strikingly dynamic. When they wear this helmet, rescuers are clearly more visible – and above all very well protected.



# Fractal Light System

## LIGHT SYSTEM



### NATIONAL DESIGN PRIZE

**Design** Thomas Feichtner,  
thomasfeichtner.com

**Client & Producer**  
Preciosa Lighting,  
preciosalighting.com

**Photo Copyright**  
Preciosa Lighting

The Fractal Light System is inspired by the geometric structure of fractals. The branching of the elements, which can be extended like an infinite plug-in system, is reminiscent of roots, trees, and branches and reinforces the natural aesthetics. The modular metal tubes distribute the light sources particularly well. The metal elements end in hand-blown crystal plates and hand-cut structures, allowing for a variety of combinations that call to mind chandeliers.

### Jury Statement

A fractal structure inspired by nature that is able to grow modularly. The shape of the lamp, the light output, and the diffusing cone are all signs of high-level aesthetics. A contemporary interpretation of a chandelier.



NATIONAL DESIGN PRIZE  
22



# Kubatur

## MULTIFUNCTIONAL WALL

### NOMINATION

**Design** Agathe Descamps,  
kubatur.net

**Client** privat

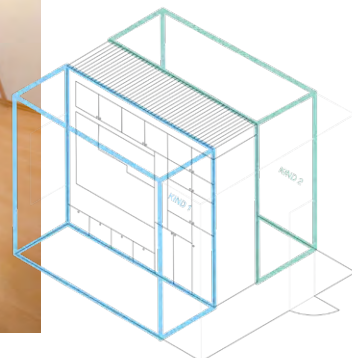
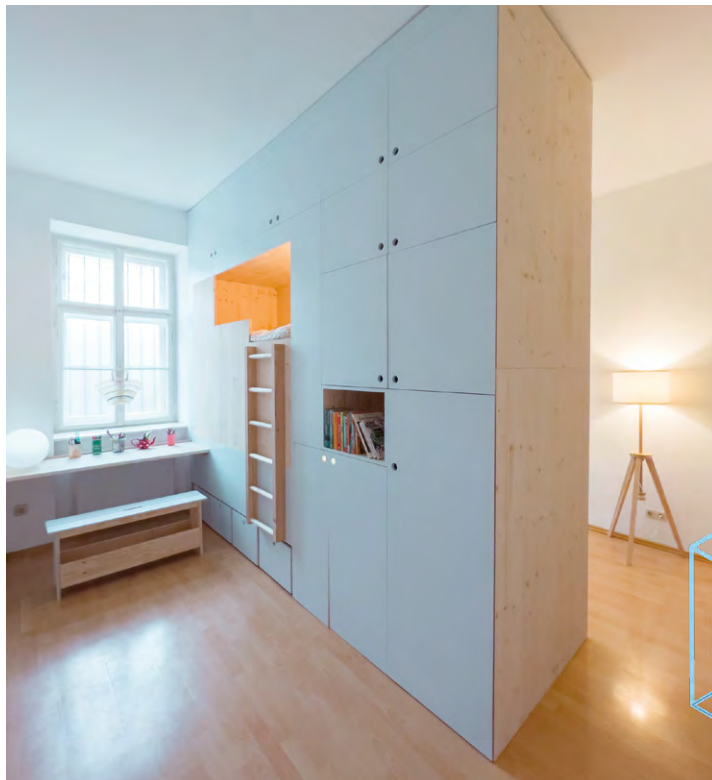
**Producer** Herbert Bisovsky

**Photo Copyright**  
Chris Sauper und Komplizen

Kubatur is an architectural spatial solution for families with children who need an additional children's room in their flat. Similar to a piece of furniture, Kubatur's multifunctional wall turns one children's room into two – a possible answer to the shortage of urban living space. Desks, bedside cabinets, beds, bookshelves, and wardrobes are available. The functional modules can be assembled with minimal effort – and we then see an architectural project for altering one's personal living space.

### Jury Statement

Kubatur is playroom, bedroom, and children's robber's den – a highly intelligent solution for creating child-friendly spaces. This habitable wardrobe solves all sorts of housing problems.



# STUDIO Workbench

## MULTIFUNCTIONAL WORKTABLE SYSTEM



The STUDIO Workbench is a multifunctional worktable system for all forms of work. It encourages communication and interaction in a space-saving layout. The curved legs made of continuous steel tubing give the furniture system its characteristic form. The STUDIO Workbench can be adapted to the work environment and designed according to individual needs. Pin boards ensure the necessary shielding. The trays, supports, and boxes for the organiser rail can be combined in a flexible way.

### Jury Statement

The solution for everyday office and home office use: needs-oriented, functional, and well thought-through. The high-quality material aesthetics and the interplay of wood and metal round off the product.

### NOMINATION

**Design** Thomas Feichtner,  
thomasfeichtner.com

**Client & Producer**  
Bene GmbH, bene.com

**Photo Copyright**  
Bene GmbH

# Solid Wood Seating Furniture for Schools

## CHAIR SYSTEM

### NOMINATION

**Design** Anton Mohr

**Client**

Bildungszentrum Frastanz Hofen,  
frastanz.at

**Producer**

Tischlerei Mohr Andelsbuch,  
tischlereimohr.at

**Photo Copyright** Anton Mohr

Made of solid maple wood, the chairs have a classic, subtle design. The wood comes from the Bregenz Forest and conveys an aesthetic living room character. Since the wood is regionally sourced, the ecological footprint remains small and the resulting product is sustainable. The chairs are produced in different sizes and are thus suitable for kindergartens, primary schools, and secondary schools.



### Jury Statement

As is well known, children shape the future because they are the next generation who will create the present. On these chairs, the children sit on regionally sourced wood that has been processed to produce a classic design. Simple, sustainable, and with high-quality craftsmanship. Children are thus surrounded with value from an early age.

# Bibi

## OUTDOOR SEATING FURNITURE

The Bibi outdoor seating furniture stands for diverse, coherent design options with which various ambiances can be created. The HPL boards, which are produced in a resource-saving way based on sustainable forestry, come from regional partners. Should the seating furniture become damaged, all the individual parts can be replaced at low cost. The colour palette is broad. The metal parts are made of hot-dip galvanised, powder-coated steel.

### DISTINCTION

**Design** miramondo public design GmbH, [miramondo.com](http://miramondo.com)

**Client & Producer**

miramondo public design GmbH

**Photo Copyright** miramondo





## Asensio Chair

### CHAIR



#### DISTINCTION

**Design** Thomas Feichtner,  
thomasfeichtner.com

**Client & Producer**  
Grüne Erde, grueneerde.com

**Photo Copyright**  
Thomas Feichtner Studio

The Asensio chair dispenses entirely with plastic, metal, and lacquer, and it would thus be perfectly possible to return it to nature. It is a climate-neutral product that is produced serially based on the idea of circular design. The statics result from intelligent wooden connections that interlock without any screws. Local production with wood from sustainably managed forests keeps the ecological footprint very small.

## $f=mg$

### VARIABLE BED



This loft bed can be assembled and disassembled in minutes and augments urban living space. The design makes use of the earth's gravitational pull and transfers the weight to the ground via the sloping metal frame. The head and foot sections are clamped together to keep the construction stable. The higher the load, the stronger the connection between the elements, which thus minimises vibrations. The loft bed can be disassembled quickly without any loss of quality.

#### DISTINCTION

**Design**  
Jakob Glasner, jakobglasner.com

**Client & Producer**  
Jakob Glasner

**Photo Copyright** Jakob Glasner

All the products presented here focus on what unites us: a togetherness that is supported by cultures and generations. It is not only spaces that are connected here, but also classical and modern views on design. Only then rooms are strong without being loud and become accessible.



# Weinmanufaktur Clemens Strobl

## WEINMANUFAKTUR

### SPECIAL PRIZE

**Design** destilat Design Studio  
GmbH, destilat.at

**Client**  
Weinmanufaktur Clemens Strobl,  
clemens-strobl.at

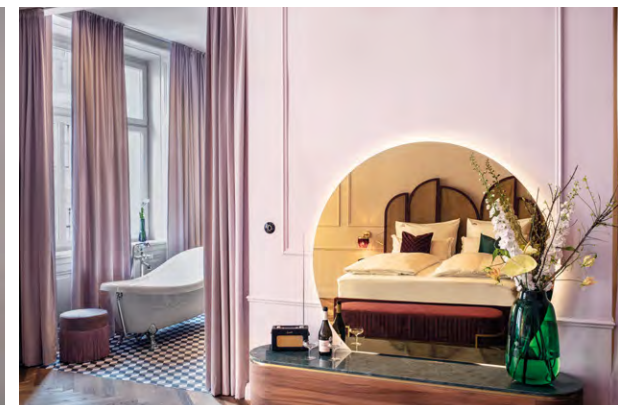
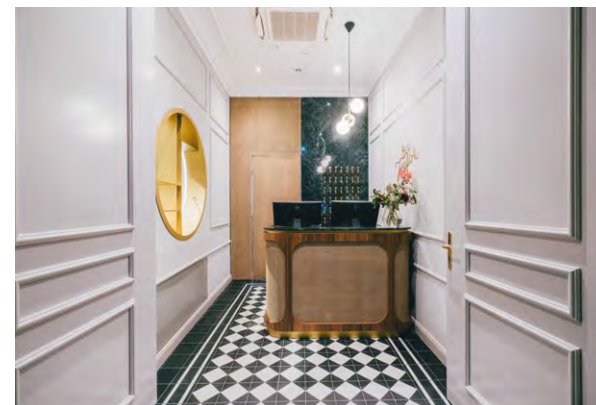
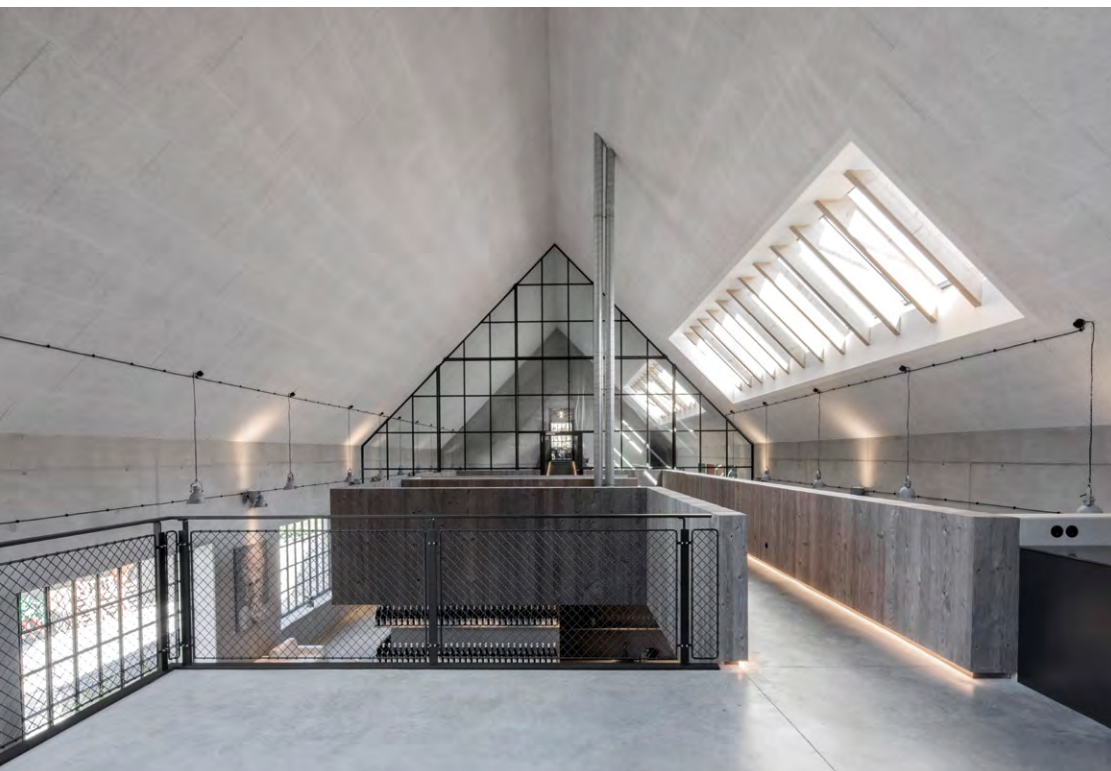
**Producer** diverse

**Photo Copyright** Monika Nguyen

Block-like cubes, light as a central design element, grey in all its nuances, and an aesthetic that focuses on the work involved in producing wine. The design clarity of the vaulted cellars, the tasting room, the kitchen, and the office give rise to massive spatial volumes that intermesh with the architectural shell. The materials used result in a unique design of exposed concrete, polished screed, grey-glazed old spruce wood, anthracite-coloured Eternit, and scaled steel. The impact of light and the composition of the colours give the premises their charm.

### Jury Statement

This new building is an extremely successful, sensitive symbiosis of the old building stock and the design language of today, without losing sight of its cultural responsibility.



# Josefine

## HOTEL

The Josefine is a hotel in the 6th district of Vienna, built in a Historicist building based on plans by MEGATABS architekten. The interior is designed in the Art Deco style, with the use of materials such as velvet, brass, and green marble. The 1960s elements bring a touch of burlesque to the rooms. The bar has been given large mirrors, plush seating, private rooms, and a skilfully positioned light installation; the walls are berry-coloured – a slightly surrealistic art that is excellently coordinated.

### DISTINCTION

**Design** MEGATABS architekten  
ZT GmbH, megatabs.com

**Client**  
FM 33 GmbH & Co KG

**Producer** diverse

**Photo Copyright**  
Jenny Koller, Tina Herzl



## 2020 / Fundamente

25 YEARS OF AUSTRIA IN THE EUROPEAN UNION



### DISTINCTION

**Design** Kadadesign,  
kadadesign.com

**Client** Parlamentsdirektion,  
parlament.gv.at

**Producer** Raunjak Intermedias,  
raunjakintermedias.at

**Photo Copyright**  
Corinna Harl / micori.de

On the occasion of the twenty-fifth anniversary of Austria's accession to the European Union, the artistic installation on Heldenplatz tells of this important milestone in Austria's contemporary history. The positioning of the luminous steles follows an imaginary line between the Imperial Palace and the historical Parliament building. The leitmotif is a compilation of the flag colours of all the EU member states. The topics of economy, youth and education, climate and environment, art and culture, sport and currency as well as the key topic of 'Europe in the world' are brought into sharp focus in large-scale infographics.

## Figlmüller Bäckerstraße RESTAURANT

The Figlmüller restaurant in Vienna is a central location when it comes to original Viennese cuisine. The architects at BWM have expanded the premises and transformed them into an innovative design, while retaining the tried-and-tested concept. The interplay of tradition and modernity was taken seriously, which is also evident in the materials used, including the tiles and wood processing. The façades are painted in midnight green and the floor is laid with herringbone parquet.

### DISTINCTION

**Design** BWM Architekten, bwm.at

**Client** Figlmüller GmbH,  
figlmueeller.at

**Producer** diverse

**Photo Copyright**  
BWM Architekten / Severin Wurnig





## KinoSaurier Special Exhibition

### NATURAL HISTORY MUSEUM

#### DISTINCTION

**Design** Jakob Illera INSEQ  
DESIGN, inseq.net

**Client**  
Natural History Museum, Vienna,  
nhm-wien.ac.at

**Producer**  
NHM in-house carpentry work-  
shop, HS Art

**Photo Copyright**  
Gebhard Sengmüller

The special exhibition KinoSaurier at the Natural History Museum in Vienna looks like a furrowed barren prehistoric landscape. The large, obliquely cut elements made of untreated MDF board are visibly screwed together. The boards are in part printed directly, and the text panels are made of pressed wastepaper. All the elements can be dismantled at the end of the exhibition and thus recycled according to type in line with the idea of a circular economy.



## NIGGBUS

### STOPPING PLACE FOR THE SENSES



Thousands of rare native plants and shrubs were planted in the course of the renaturalisation project on the company grounds of Niggbus – a new natural paradise for wild bees, butterflies, and endangered insects. A large typographed text mounted on the small structure of the adjacent bus stop gives an introduction to the project. Sensitive texts and abstractly depicted flora and fauna motifs have been worked into metal plates that lie, folded as if by chance, over three boulders. The work provides information about the surrounding nature and contributes to sustainable mobility at the same time.

#### DISTINCTION

**Design**  
Sägenvier DesignKommunikation –  
Sigi Ramoser und Birgit Kappler  
in cooperation the sculptor Udo  
Rabensteiner, saegenvier.at

**Client**  
NIGGBUS GmbH, niggbus.at

**Producer**  
NEUKO Netzer & Kobelt GmbH

**Photo Copyright**  
Kirstin Tödting Fotografie



## VIP-Lounge

### AUSTRIA PAVILION



#### DISTINCTION

##### **Architecture**

querkraft architekten, [querkraft.at](http://querkraft.at)

**Design** Lobmeyr (Metropolitan),  
Brigitte Kowanz (Expo Line),  
Mischer'traxler (Level), Irene Ganser  
(Punto), querkraft/HTL Mödling  
(Austrian Majli), Textiles Zentrum  
Haslach (carpet & upholstery),  
Eternit (Porto), Ton (chairs)

##### **Client**

Expo Office of the WKÖ, [wko.at](http://wko.at)

**Producer** diverse

##### **Photo Copyright**

ExpoAustria, [keller-fotografie.de](http://keller-fotografie.de)

The architecture of the pavilion, which was presented at the Expo 2020 in Dubai, and the furnishings of the lounge make reference to the creative industries. The different designers composed an aesthetic interaction of light, wood, furniture, and textiles. Everything was made in Austria, and interconnects individual lines of tradition. The central seating furniture invites guests to linger as a modern interpretation of the typical Arab majlis – a place to sit together. Depending on the incidence of daylight, the tables take on different colours as a result of reflections, and the room is illuminated in addition by light installations and a classic chandelier. The textiles used were also specifically designed for the pavilion's lounge.

05

DESIGNIMPACT-CONCEPTS



## 3D Tufting

### PRODUCTION METHOD

**SPECIAL PRIZE**  
**DESIGNIMPACT-CONCEPTS**

**Design** Bettina Löger

**Client** University of Applied Arts,  
dieangewandte.at

**Producer** Bettina Löger

**Photo Copyright** Bettina Löger

3D tufting refers to the execution of the tufting production method using a six-axis robot. Tufting originates from the carpet industry, where it is used to produce so-called loop or cut pile carpets. The aim is to use the new production method to create three-dimensional textile surfaces directly on three-dimensional objects. The novel production process could have a significant design and technical influence on the furniture industry, particularly in the areas of upholstered furniture and the acoustics industry.

### Jury Statement

The 3D technology being honoured here is multifactorial and multifunctional. A translucent carpet surface? Entire structures on a flat ground? Yes, this is possible. 3D tufting has great potential for future applications.



**SPECIAL PRIZE**  
**DESIGNIMPACT-CONCEPTS**  
**22**

## Gravel

### FOOTBALL SHOE FROM GHANA

Gravel is a football boot designed for the harsh conditions on football pitches in Ghana and other countries. It consists of a hemp textile upper and a replaceable outsole made of natural rubber. The double lacing system and the stitching in the toe and heel sections make the hardwearing rubber sole easy to replace. The shoe resulted from a photo documentary trip through Ghana.

### Jury Statement

The Gravel shoe is the result of the global and the local: the local production emphasizes social responsibility and the attractively implemented concept underscores the shoe's global usability. Moreover, this shoe is quite casual.

**SPECIAL PRIZE**  
**DESIGNIMPACT-CONCEPTS**

**Design** Ruben Asuo

**Client** FH Joanneum,  
fh-joanneum.at

**Producer** Ruben Asuo

**Photo Copyright** Ruben Asuo





## KADAM

### LEG PROSTHESIS FOR ALPINE SPORT

**SPECIAL PRIZE**  
**DESIGNIMPACT-CONCEPTS**

**Design** Yasmin Hashw

**Training facility** FH Joanneum,  
fh-joanneum.at

**Producer** Yasmin Hashw

**Photo Copyright** Yasmin Hashw

The psychosocial challenges following an amputation represent an enormous challenge for every person affected. Physical activity, for example alpine sports, can help them cope. With the 3D-printed KADAM leg prosthesis, affected individuals are able to gain more control over their lives and actively engage in mountain sports. Since these products replace body parts, it is of great importance that they are designed in an appealing and humane way. When the prosthesis has reached the end of its life cycle, it can be returned to the manufacturer, who disassembles it into separate materials and recycles them for new prostheses.

### Jury Statement

The beautiful design of this prosthesis reflects the life-cycling of the product. It is not only manufactured and designed with aesthetics in mind, but also minimises the differential criteria in everyday life and greatly assists affected individuals.



For the National Design Prize 2022, there were a total of 205 submissions by 171 designers to be assessed.

The submissions were divided up in the individual categories as follows: Consumer Goods: 46, Capital Goods: 19, Interiors: 42, Spaces & Environment: 55, DesignImpact-Concepts: 43. In a first step, the jury evaluated all the contributions online in order to make a pre-selection for the second round of assessment, which took place in early April 2022 at the designforum in Vienna based on the physical objects and projects: 84 contributions from 64 participants were evaluated and discussed in this offline jury session. The jury members attested to the high quality of the submissions in the second round and put 28 of them on the shortlist – of them 3 national prizes, 9 nominations, 12 distinctions, and 4 special prizes.

The members of the international jury in 2022 are:

- Gregor Eichinger (AT)
- Sylvia Feichtinger (US)
- Wolfgang Held (AT)
- Elisabeth Petermann (AT)
- André Poulheim (DE), jury spokesperson



© André Poulheim

### André Poulheim

André Poulheim is a co-founder of the German design studio Noto and well known internationally as a product designer. After training as a model-builder, he studied at the International School of Design in Cologne, where his thinking was based on experiences rather than products. The combination of manual design and future-oriented ways of thinking is palpable in many of the products that for which he has been responsible. Since founding, Noto, his own studio in Cologne – in cooperation with his partner Thorsten Frack-enpohl – in 2001, he has designed numerous products for industry-leading companies from Europe, the Far East, and the United States, as well as for promising start-ups. In addition, Poulheim has represented the professorship for conceptual design at the design faculty of the Fachhochschule Aachen as an assistant professor since 2016.





## Gregor Eichinger

Gregor Eichinger studied architecture at the TU Wien and then taught at various architecture universities. In 1983, he founded the firm Eichinger oder Knechtl in Vienna. Ten years later, he was a guest professor at the TU Wien, in 1996 at SCI-Arc in Los Angeles, and in 2001 at the Akademie der bildenden Künste Wien. From 2004 to 2010, he held a professorship in architecture and design at the ETH Zürich, and in 2012 at the PBSA Düsseldorf. He has been a professor at the Akademie der bildenden Künste München since 2013, and has been developing and realizing architecture projects under the name Eichinger Offices / Büro für Benutzeroberfläche since 2005.



## Sylvia Feichtinger

Sylvia Feichtinger attended the first course in industrial design at the FH Joanneum Graz from 1995 to 1999. Since then, she has represented numerous international companies in Europe and the United States, including Nokia, Microsoft, and Logitech, in positions of responsibility in the fields of design and innovation. Most recently, she was a senior design manager at Peloton in New York, a member of the jury for the iF Design Award, and a consultant in the European Design Business Dialogue. In San Francisco, she was a design director at frog design. At NIO she was the senior design manager of a multidisciplinary design innovation team and responsible for future concepts with a view to form factors, material technologies, and user experience. In an era of social media, Sylvia Feichtinger finds it important 'to develop products with clarity and purpose that celebrate the value of simplicity, but without a lot of noise'.



## Wolfgang Held

The internationally active product designer Wolfgang Held studied mechanical engineering in Bregenz, at the Hochschule für künstlerische und industrielle Gestaltung in Linz, and transportation design at the College of Design in Pasadena. Starting in 1980, he worked in Wolfsburg as an automobile designer and was responsible, among other things, for the design of the Transporter T4. In Wolfsburg, he was also significantly involved in the founding of the company Volke Design. In 1984, he established form orange, a full-service agency for design, product development, and engineering, with which he also markets internally developed products. From the end of the 1980s until 2017, Held collaborated with the Blum company, a producer of furniture fittings with headquarters in Austria. He advised Korean industrial companies for many years on behalf of the Korea Institute of Design Promotion, and has worked in an international framework for, among others, various lotteries, Hewlett Packard, Atomic, Gerber Products USA, Mammut, and Hettich.



## Elisabeth Petermann

Elisabeth Petermann has more than ten years of professional experience in the field of trend and design research. She studied industrial design at the Kunstuniversität Linz and did her doctorate at the Universität für angewandte Kunst in Vienna. She worked at Volkswagen AG in Wolfsburg in the departments of design strategy and future research, and occupied herself there primarily with trend transfer. Back in Austria, she supported the team of the Zukunftsinstitut Österreich GmbH in Vienna with trend research. At Q ADVISERS, she is responsible for trend analysis in the fields of food & beverage and health & lifestyle, as well as for assessing the future fits of investments, and the corporate design appearance of the company. The core of her work is accomplishing transfers – thus, building bridges between relevant future topics, design, and business strategies. For her, the comprehensibility of often-elusive topics and ideas stands in the foreground.

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