



**Green
Product Award
Winners 2017**



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Category	Winner Professional	Winner Newcomer
Architecture	VARIFIX® Quick Mounting System	Solavinea Solar Pergola
Communication	Insect Respect Quality Seal	TEKS PAKS
Consumer Electronics	Haier BCD-360WDCAU1	Fairphone
Consumer Goods	Speick Organic 3.0 Body Care	MartiniSPA bio
Energy	RedSun Infrared Gas Stove	Inventing Green
Fashion	Lilienthal Berlin L1	freisicht - sustainable eyewear
Freestyle	HDE5001 Intelligent Toilet	Enso
Furniture	Modular seamless seatings NOVA C	Wehlers sustainable design furniture
Home Accessories	Blue Home	Shower Timer
Kids	Greentom Baby Stroller	irli
Mobility	1. FLOORO 2. Smart evolution into clean mobility	Hold Clean
Office	Drumback	Bridge&Tunnel
Research	Carbon concrete: efficient and attractive	Corcrete

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High-Resolution pictures:

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**Green
Product Award**
Winners 2017



VARIFIX® Quick Mounting System
Adolf Würth GmbH & Co. KG
/ RITTWEGGER + TEAM Werbeagentur GmbH

**Winner
Professional
Architecture**

VARIFIX® addresses a huge problem of material losses connected housebuilding. Normally valuable materials for pipes in servicelines (like metals) are not removable and therefore not recyclable anymore. VARIFIX® is a quick-mounting system consisting of 196 highly variable, removable components for mounting pipe and building service lines. Until now, such installations have been recycled in a second rate manner or irretrievably disposed of at the end of their useful life cycle. VARIFIX® can be removed, returned, completely disassembled and sorted according to material, chemically safe, recyclable and certified Cradle to Cradle®.



**Green
Product Award**
Winners 2017



Solavinea Solar Pergola

Solavinea GmbH / Schweizer Design Consulting

**Winner
Newcomer
Architecture**

SOLAVINEA follows the principle that energy is never lost in nature. Conventional shading devices have one purpose which is to block sunlight. SOLAVINEA goes further by not only providing shade, but also collecting sunlight to turn into reusable energy from its rotatable solar panels. SOLAVINEA can be used to power your home, store in batteries for later use, or even be fed to an energy grid. Also the rainwater is collected and ready for your garden or greywater-usage.



**Green
Product Award**
Winners 2017



Insect Respect Quality Seal
Insect Respect by Reckhaus

Insect Respect is the first quality mark worldwide for insect control products with ecological compensation. It is exclusively awarded to those indoor-products, which manufacturers create an insect-friendly biotope as compensation in outdoor areas. The consumers thereby are granted full warranty that control and safekeeping are in balance. Insect Respect raises awareness in the society for the high value and endangerment of insects.

**Winner
Professional
Communication**



**Green
Product Award**
Winners 2017



TEKS PAKS
TEKS PAKS

TEKS PAKS Is the contemporary way to pack gifts. TEKS PAKS works like gift paper with a ribbon, but it consists of cotton fabric with an integrated lacing mechanism. TEKS PAKS Can be washed and reused many times. TEKS PAKS Makes disposable packaging for gifts redundant. TEKS PAKS Creates a global pool of reusable packaging that circulates with each gift.

**Winner
Newcomer
Communication**



**Green
Product Award
Winners 2017**



Haier BCD-360WDCAU1
Qingdao Haier CO.,Ltd.

**Winner
Professional
Consumer
Electronics**

The BCD-360 Fridge is one of the new innovation flagships from Haier. Due to the reduction of materials it is the smallest fridge with a volume of 360 liters. IR sensors are measuring temperature changes and provide super fast cooling in selected areas. The activity smart airflow is like a protection film in front of the cooling area, that avoids a temperature exchange, when the door is opened. These and a lot of other features bringing lower energy usage (only 0.72kWh in 24h), less food waste, higher hygiene and better quality better quality for life and nature.



**Green
Product Award**
Winners 2017



Fairphone
SeymourPowell

**Winner
Newcomer
Consumer
Electronics**

Fairphone is a social enterprise that produces a smartphone to inspire change in the electronics industry. Impact is created in 4 different areas: fair materials, good working conditions, long lasting design and reuse recycling. Fairphone produces the first modular smartphone - the Fairphone 2. It is designed to be opened and repaired easily, which enables users to keep the phone for an extended lifespan of 3-5 years on average.



Speick Organic 3.0 Body Care
Karius & Partner GmbH / Angela Schneider

**Winner
Professional |
Consumer
Goods**

The Organic 3.0 Body Care line consists of a body milk and a shower gel. Products and packaging are up to 100% recyclable (organically and technically). Both products are approved natural cosmetics (COSMOS). They are dermatologically allergy tested and contain the harmonizing extract of the certified organic, wild harvested Speick plant and 99% of the total ingredients are from natural origin. They are 100% free from synthetic fragrances and colorings, silicones, parabens, mineral oils, palm oil and Glutens. Packaging is made from organic polyethylene, based on sugarcane which comes from ProForest's certified soil (sustainable resource and social management).



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Product Award**
Winners 2017

**Winner
Newcomer
Consumer
Goods**



MartiniSPA bio
Martini S.p.A.

MartiniSPA bio is an unique product line of body care accessories conceived in harmony with nature, using organic fibers coming from organic agriculture without chemical agents, taking care of people's health and the environment. GOTS certification released by ICEA, granting the respect of strict standards both over raw materials and the production, It validates products made of organic cotton, organic linen, sisal and wood, natural ingredients of a top quality Italian range covering all the needs of a daily bodycare routine.



**Green
Product Award**
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Inventing Green
SELCO foundation

**Winner
Newcomer
Energy**

Solar powered lamps made of sustainable materials to empower people to learn, who could never afford that before. This lamp is one example for the inventing Green program. An integrated approach to re-design forms and functions by prioritizing material selection, manufacturing processes, types of stakeholders and supply chains for renewable energy components. The aim of the project is to convert renewable energy systems into truly sustainable energy systems by re-looking at the embodied energy of the entire system and such that it's not just the solar panel that is "green".



**Green
Product Award**
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RedSun Infrared Gas Stove
Guangzhou Redsun Gas Appliances Co.,Ltd

**Winner
Professional
Energy**

RedSun innovative Infrared Gas Stove is the first Stove worldwide, which has changed the combustion mode from flaming to flameless. The patented techniques like premixing gas and air, indirect flaming,... lowers the emission of toxic and hazard gas to close to 0% and consequently reduces pollution to household environment. The energy usage is lowered by 40% compared with standard gas stoves, which is good for environment and consumer. Features like a voice prompt system, security technology in 30-minute fire prevention, scald protection round up an innovative green experience.



**Green
Product Award**
Winners 2017



Lilienthal Berlin L1
Lilienthal Lifestyle GmbH

**Winner
Professional
Fashion**

Lilienthal Berlin watches are made with a distinguished design, highest quality and a sustainable background. Wherever it's possible, eco-friendly materials are used, like the vegetable tanned natural leather from Germany for the straps. The Production in Germany ensures that every watch is built just the way intended—and thus can be worn with a good feeling.



**Green
Product Award**
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**Winner
Newcomer
Fashion**



freisicht - sustainable eyewear
freisicht GmbH / Jan Thomas Winter

freisicht offers the first adjustable solid wooden glasses. The patented modification of the wood enables the individual adjustment of the eyeglass frames on facial geometries. This innovation solves numerous problems of opticians. Combined with a German production and domestic wood types, the result is a coherent, sustainable and aesthetically appealing product. Filigrane customizable solid wooden glasses - No plywood, no glue layers.



**Green
Product Award**
Winners 2017



HDE5001 Intelligent Toilet
HUIDA SANITARY WARE CO.,LTD

HDE5001T intelligent toilet opens a new era in cleanliness. Without using chemical detergents, through filtration of water source and nozzle ultraviolet sterilization technologies. It solved the biggest problems of intelligent toilets: cleanliness, hygiene and environmental responsibility. We design the toilet according to the view of consumers, and “cleanliness, not only water” is our concept.

**Winner
Professional
Freestyle**



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Product Award**
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Enso
Jonas Winkler Design

Enso is a new joinery technique, which allows an efficient and fast way to joint small pieces of wood together. Through this joinery waste pieces of wood get converted to a useful resource. Enso is a stronger connection than common finger joints. Besides being a strong joint, Enso can also be used as a new esthetic design feature. Currently it is used for the product family 04 and a new product line acquired on the Green Product Award Booth at interzum.

**Winner
Newcomer
Freestyle**



**Green
Product Award**
Winners 2017



Modular seamless seatings NOVA C
HUIDA SANITARY WARE CO.,LTD

**Winner
Professional
Furniture**

NOVA C is a modular seating solution - seating groups and benches - for public spaces like waiting areas. The holistic design approach led to outstanding results: 1. Flexibility through an easy-linking-system allows re-configuration depending on the changing requirements 2. Comfort and warmth through solid wood products 3. Repair ability – every part can be separated with standard tools 4. Sustainability in production (e.g. regional productions for different markets) and product cycle.



**Green
Product Award**
Winners 2017



Wehlers sustainable design furniture
Wehlers

**Winner
Newcomer
Furniture**

Wehlers - sustainable design furniture from Denmark with a 100% circular approach. All products are part of an ecosystem. Most components used are made of recycled materials. For example the table deck is made of recycled textiles from laundries and wool textiles (this material is a new invention from Kvadrat). Products are designed to be repairable and separate able. When a product is no longer used, it will be returned and disposed by the suppliers. Wehlers guarantees to recycle the parts to new Wehlers furniture.



**Green
Product Award**
Winners 2017



Blue Home

Grohe AG / Grohe In-house Design Team

GROHE Blue Home is a beautiful and intelligent system that transforms tap water into an experiential beverage solution. This solution cuts down all emissions for water transportation and packaging to zero! GROHE Blue Home Consumers get still, medium and full sparkling water Straight from their own tap – if wanted, even pre-cooled. Form and function have come together in GROHE Blue Home, combining all the advantages of a high-end kitchen tap and a sophisticated under counter water cooler and filter.

**Winner
Professional
Home
Accessories**



**Green
Product Award**
Winners 2017



Shower Timer

inDare Design Strategy Limited

Shower Timer is a bathroom thermostat helping to reduce the water usage in a playful way. By starting the shower a visual countdown starts with 5 minutes and counting down to zero. When the time is over, the water automatically turns off. The average water consumption for a shower is 15 liters per minute - Shower Timer supports environmental protection and reduces your costs at the same time.

**Winner
Newcomer
Home
Accessories**



**Green
Product Award**
Winners 2017



Greentom Baby Stroller
Greentom/ Bart Bost

The Greentom Baby Stroller is the greenest stroller on Planet earth (by far) Besides being a lightweight, safe, handy and easy to use product, the Greentom Stroller has an extreme Green Circular DNA, made out of 97% recycled PCW (post Consumer Waste) PP and PET, is build locally in the regions where sold and can be re-used or recycled very easily to be used for another Greentom product.

**Winner
Professional
Kids**



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Product Award**
Winners 2017



Irli
Martin Klein

Irli is a multifunctional cot which is equipped with the usual features such as a height-adjustable shelf and an exit board. But also it provides the opportunity to convert the bed into a table and two chairs, once the child grows out of the bed after 3.5 years. This function offers the child a separate, communicative venue in their own room. Because of the large seat surfaces, a dynamic sit behavior of children will be encouraged. The longevity and the local beechwood save up to 44% resources.

**Winner
Newcomer
Kids**



**Green
Product Award**
Winners 2017



FLOORO

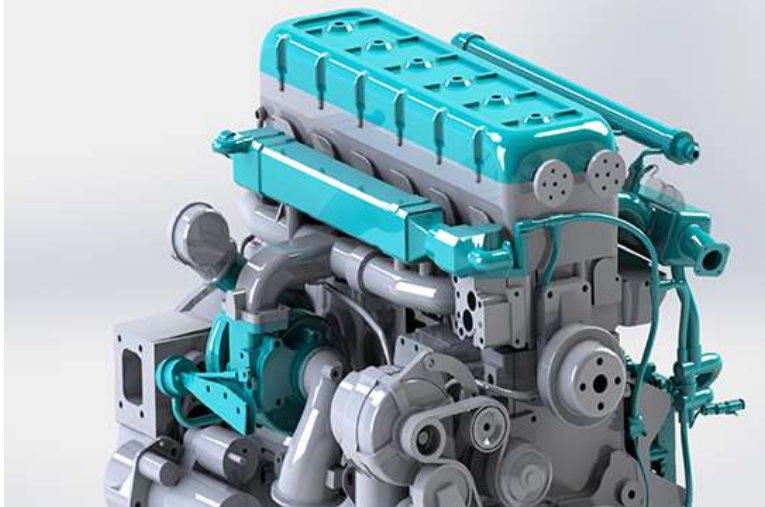
Inhouse Design

Reducing weight on airplanes is THE essential approach to reduce fuel, green house gases and costs. Flooro produced by ANKER offers a completely reconceived Airline carpeting. The innovative carpet weighs considerably less than conventional carpet (30–70 per cent weight reduction). Furthermore 50 per cent of textile is made with recycled yarns. The new material structure supports an easier way of carpet laying and is extremely hard-wearing. New visual structures, haptic textures are new possibilities in terms of interior cabin design.

**Winner
Professional
Mobility**



**Green
Product Award**
Winners 2017



Smart evolution into clean mobility

Keyou GmbH

Reducing Diesel-Emissions to zero! With its Hydrogen conversion kit for utility vehicles Keyou demonstrates how regular Diesel engines can be converted into emission free Hydrogen ones. Keyou's key components can be built into new vehicles or - as a conversion kit - installed in existing ones. For the first time, people and the environment are being offered a clean and economical solution suitable for the mass market.

**Winner
Professional
Mobility**



**Green
Product Award**
Winners 2017



Hold Clean
inDare Design Strategy Limited

This density in public spaces like train stations, airports, shopping malls,.. is growing. This causes a rapid growth of diseases spreaded by Viruses and bacteria. One of the main touchpoints are escalator handrails. Hold Clean is disinfecting the handrails by UV sterilization. It is mounted directly at the handrail, where it also gets the energy (by induction energy). The surplus energy is used to illuminate the display, offering information.

**Winner
Newcomer
Mobility**



**Green
Product Award**
Winners 2017



Drumback

Viasit Bürositzmöbel GmbH / Martin Ballendat

**Winner
Professional
Office**

Drumback is a task chair which combines the advantages of upholstered chairs and mesh back chairs. The fabric is stretched over a concave backrest, similar to a drum. The back rest foam component and the foam carrier are not needed. Thanks to this construction idea, in Germany alone 400 tons of foam could potentially be saved, and the backrest itself can be completely recycled ("cradle to cradle").



Bridge&Tunnel
Hanna Charlotte Erhorn

We design society. Bridge&Tunnel is a social design label manufacturing high-quality design products from post-consumer waste (e.g. recycled textiles like denim). B&T brings together professional design and people from the neighborhood with nimble hands, who had difficulties finding a job for a long time, as well as refugees.

**Winner
Newcomer
Office**



**Green
Product Award**
Winners 2017

**Winner
Professional
Research**



Photo credit: Ulrich van Stipriaan

Carbon concrete: efficient and attractive

C³ – Carbon Concrete Composite e.V

Concrete is the most used and thus most important building material worldwide. The disadvantage of reinforced concrete is, that the steel can corrode and result in considerable maintenance costs up to the costs for a replacement construction. There is daily coverage on the damages. Instead of steel we use highly weight-bearing and stainless carbon. The building components have thus a considerably longer lifespan and can be produced up to 80 % less material and 50 % less carbon emission.



**Green
Product Award**
Winners 2017



ZandGlas

Atelier NL / Nadine Sterk & Lonny van Ryswyck

Following intensive research and experimentation, Atelier NL developed a unique method that allowed them to melt local 'wild' sand into unique objects of glass. The glass industry exclusively uses pure white sand for the manufacturing of glass. To challenge the conventions of the contemporary glass industry, Atelier NL has been collecting wild sands from dunes, beaches and sandpits in various places. Atelier NL strives to reveal the future potential represented by natural wild sands.

**Winner
Newcomer
Research**