



jaga

CLIMATE
DESIGNERS

WHAT ABOUT JAGA!?

jaga

CLIMATE DESIGNERS



*"THE WAY TO A HEALTHIER ENVIRONMENT
WINTER AND SUMMER,
INDOOR AND OUTDOOR"*

Climate change and evolution of construction techniques demand new ecological solutions for heating, cooling and ventilation.

New technologies have to consume far less energy. They have to insure a better indoor climate without damaging the outdoor climate. Traditional systems with fire and carbon emissions have to be extinguished. We have to evolve towards a green flame and build a sustainable path towards a better future. Choosing the sustainable path is no longer a matter of choice, it's an obligation.

Always honouring its values, Jaga Climate Designers continually look for the most ecological solutions for heating, cooling and ventilation.

Join us and become a Jaga Climate Designer ambassador.
There is no planet B!





jaga

CLIMATE DESIGNERS



FOR A HEALTHIER LIVING ENVIRONMENT



Comfort, winter and summer

HEATING, COOLING AND VENTILATION

The Jaga “convector” has never been an ordinary radiator and now evolves into a climate cooler. The ultra-light heat exchanger of our first products already contained the base of all our new and future products. Hence our technological lead in lightweight, responsive and high-performance heat exchangers for what today has become a complete climate system for heating, cooling and ventilation.



***"INDOOR COMFORT IS INDIVIDUAL COMFORT,
OUTDOOR COMFORT IS COMFORT FOR
LIVING THINGS ALL OVER THE PLANET"***



Comfort, indoor and outdoor

EXTINGUISH THE FIRE

Climate Designer products are intended for the most environmentally friendly technologies, such as heat pumps and solar energy. Lightweight radiators performing outstanding with the lowest water temperatures and switching automatically between heating and cooling or smart and carbon controlled ventilation systems. They all make sure you can create the best indoor climate with installations that require no fire (read: boiler).

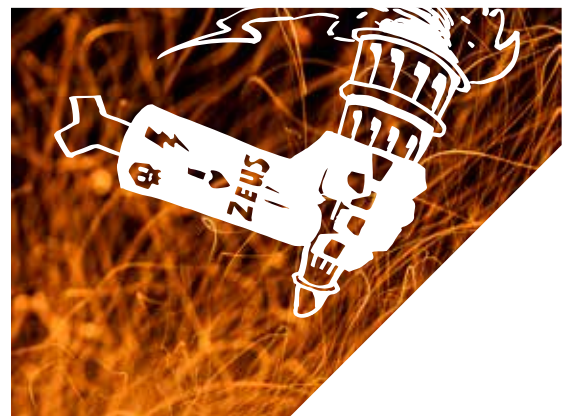
No fire means that Jaga Climate Designer products help to reduce carbon emissions and thus improve the outdoor climate.

PROMETHEUS

To the Greek Gods, fire was priceless. When Prometheus stole a burning torch from mount Olympus as a gift to humanity, it had far-reaching consequences. For both Prometheus and mankind.

Zeus, king of the Olympian gods, sentenced the Titan to eternal torment for his transgression. The immortal Prometheus was bound to a rock, where each day an eagle, the emblem of Zeus, was sent to feed on his liver, which would then grow back overnight to be eaten again the next day. (In ancient Greece, the liver was often thought to be the seat of human emotions.)

While Prometheus was punished, man used his stolen gift for a thorough transformation. The skill to control fire extended their life expectancy drastically.



*"ENSURING A BETTER INDOOR CLIMATE WITHOUT
DAMAGING THE OUTDOOR CLIMATE.
THAT'S OUR MAIN GOAL AS JAGA CLIMATE DESIGNERS!"*





Less material, more technology

A PERFECT EXAMPLE OF ECODESIGN

Climate Designer products consume less energy. But it is not only during their life that they are environmentally friendly. Since these products are much lighter and smaller than an equivalent capacity of other emitters or floor heating systems, the raw material requirement in manufacturing is also significantly reduced. Furthermore, they last longer, have a 30-year guarantee, and are fully recyclable at the end of their life. Compared to other systems, Climate Designer products score remarkably better in LCA measures, which compare the environmental impact of products.

"NEW TECHNOLOGIES HAVE TO USE A MINIMAL AMOUNT OF ENERGY AND MATERIAL, LEAVING PLENTY FOR MOTHER EARTH. AS NATURE SHOWS US WITH A HUGE VARIETY OF EXAMPLES"





CONCLUSION:

**Maximum indoor comfort,
minimum carbon emission**

In every season a maximum indoor comfort with a minimum of pollution and a minimal use of raw materials: that's how we try to improve not only your indoor climate but also the outdoor climate.

And that's why we think we can call ourselves, all our employees, all our installers and all our customers: Jaga Climate Designers!



*" THERE IS NO WIFI IN THE FOREST,
BUT YOU WILL FIND A BETTER CONNECTION "*



The relevance of Climate Design

The main aim of each building is to create a pleasant working or living environment. But buildings account for more than 37% of total energy consumption worldwide. It is therefore extremely important that buildings make an essential contribution to a better energy efficiency and thus prevents global warming.

With Jaga radiators, an average house can easily save 300 kg of CO₂ / year. That is the same amount an average car emits on 2000 km! A city like Brussels or Amsterdam can easily lower its emission with 100 million kg of CO₂ with Jaga Low-H₂O radiators.

Those are relevant facts and figures!

CODE RED FOR PLANET EARTH

The Amazon Forest covers 50% of the total tropic forest surface on earth and it is the most important carbon (CO₂) absorber. It absorbs almost 20% of the 38 billion tonnes of carbon dioxide created by mankind every year. In spite of the enormous importance for the earth's climate almost 10.000 km² is destroyed every year by deforestation. If we want to achieve a major improvement in the cycle of CO₂ pollution and the speed and severity of the upcoming climate changes, a substantial reduction of CO₂ emissions and complete protection of the Amazon forest and all other forest resources is absolutely essential!



jaga

CLIMATE DESIGNERS



GUIDED BY OUR VALUES

"OUR FIVE VALUES, HELD HIGH BY EVERY JAGA CLIMATE DESIGNER, GUIDE US ON OUR UNIQUE PATH."



**RESPECT
NATURE**

THE GREEN ENGINEER

Break through the traditional way of thinking by investing in the development of innovative products that consume less energy and fuel.



**AWAKE
THE ARTIST**

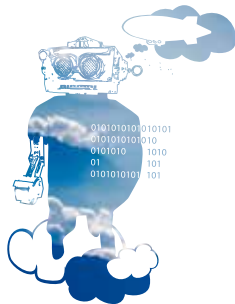
THE ARTIST

Use innovative materials and production techniques, not only for better performance, but to find a path which goes beyond design. Elevate the Jaga products from design objects to objects of desire...

Jaga breaks through the traditional way of thinking

Jaga's ideal world view / business model is built around five crucial basic values, grown from a major concern about sustainability, creativity and social responsibility. We all know these values, but today we have to dig very deeply into our consciousness to discover their foundations. Yet in those basic principles lies the innovation that we - and our planet - crave. By reactivating these primal values, we break through traditional thinking and set a new, sustainable path to the future.

We link one archetype to each basic value. These archetypes are present in every society and, to a certain extent, in every human being. It is the combination of those various characteristics that enables survival. This means that every company needs to have them too, to really innovate. By allowing these different characters to work together openly and critically, we are laying the foundations for sustainable results and future-oriented decisions.



**DREAM
A FUTURE**



**CREATE
EMOTION**



**BUILDING
BRIDGES**

THE VISIONARY DREAMER

Imagine a life without the energy sources we know today. Design innovative products that have one foot in the next decade and develop new technologies and systems for a sustainable future.

THE MOTIVATOR

Share passion and emotion. Unique experience have a far greater impact. Join forces in the quest for future survival models. Invent, create and enjoy together.

THE NAVIGATOR

Build bridges between materialism and spirituality. Bring together economists and creative souls. Do not leave the world to the calculators. Bring together different minds in the search of a universal survival model.



RESPECT NATURE: using recycled materials and waste instead of new raw materials

AWAKE THE ARTIST: upgrading the materials to an artistic creation and transcending the traditional design.

DREAM A FUTURE: by saving raw material, we lessen the burden on the future and can continue to dream of a liveable world.

CREATE EMOTION: the use of waste creates a sensory experience and an extra dimension, on top of “knowing” you’re doing the right thing.

BUILD BRIDGES: making a functional design with emotional materials means we unite materialism with spirituality, or economists with creative souls.

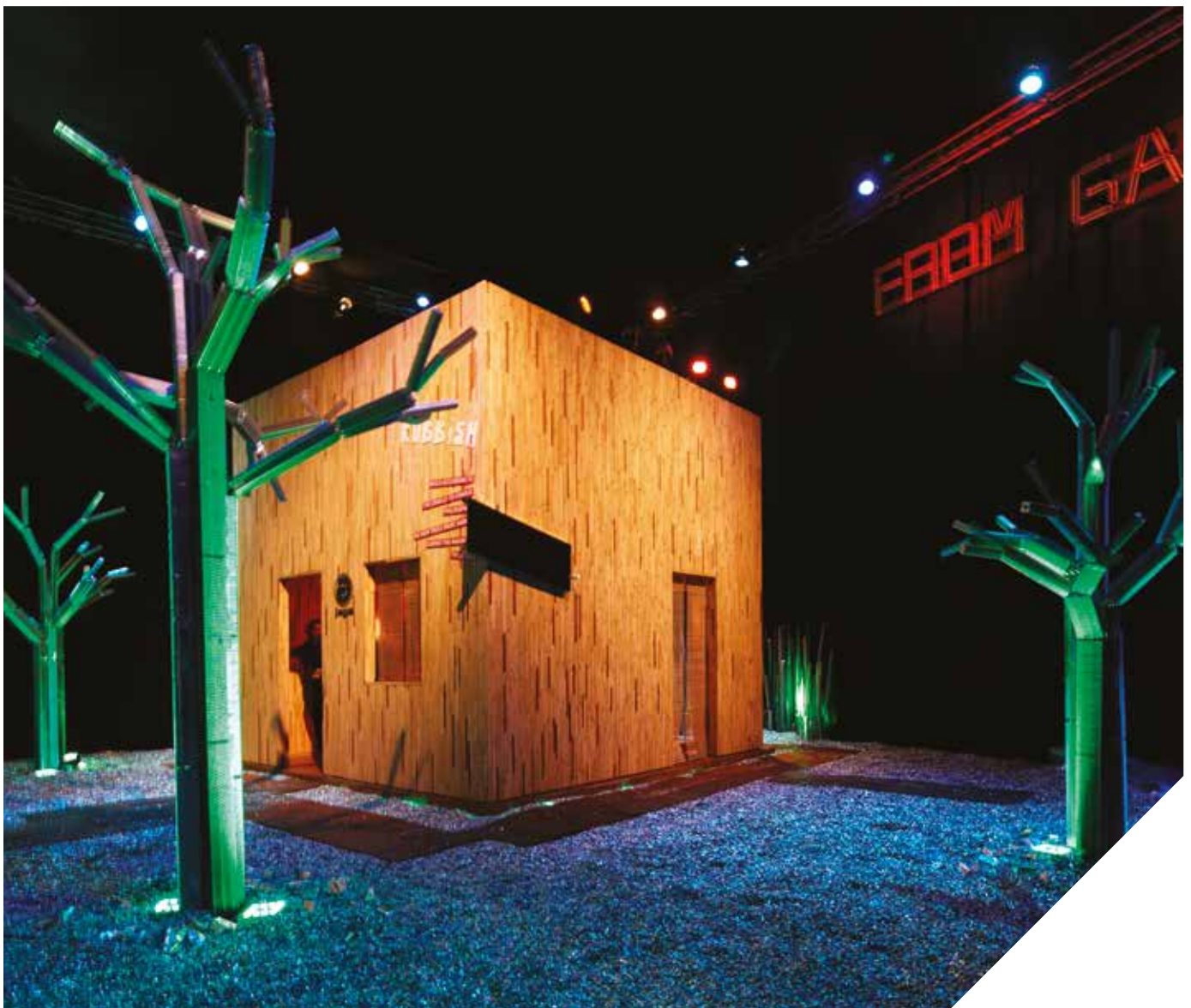


The Rubbish Project

ALL FIVE VALUES ILLUSTRATED

Since 2009, all trade fairs and showrooms have been designed using the cradle-to-cradle principle. Recycled waste from production and discarded products and parts are upgraded to artistic interior creations. Walls are made with rejected wooden slats. The result is an important saving on raw materials and waste disposal costs ... For exhibition stands, a modular system has been built with this waste. So the waste is not only recycled for single use but it is being used over and over again. For example, the modular Rubbish wall panels have now been built up more than 30 times in various countries.

This way, hundreds of containers full of waste - or you can also call it valuable raw material - started a new life instead of being destroyed or burned. This way we visualize the philosophy / vision of Jaga.



Jaga World Tour

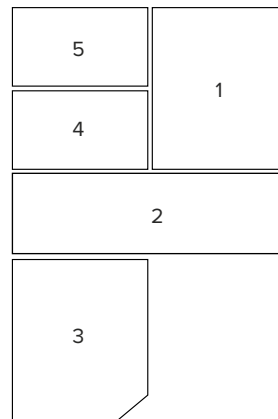
The Jaga Experience Truck traveled around the world to spread the Jaga values. From The Red Square in Moscow to Moldova. The truck visited 31 countries where partners and customers were immersed in a Jaga world full of energy-efficient products. Bridges were built and emotions were created!



FACTS & FIGURES

North Europe	70 days
South Europe	83 days
Finland + Russia	21 days
Cop15 Copenhagen.	15 days
Countries	33
Borders passed	66
Time zones	4
Ferries	13
Valuta's	21





- 1 RESPECT NATURE Event against the Plastic Soup
- 2 DREAM A FUTURE Jaga Oxygen Event
- 3 AWAKE THE ARTIST Jaga Workshops
- 4 CREATE EMOTION Jaga Deco Tour
- 5 BUILDING BRIDGES Uchronia at Burning Man Event



jaga CLIMATE DESIGNERS

A close-up photograph of several dandelion seed heads, rendered in a monochromatic blue color scheme. The image is a vertical composition with a diagonal cut-off at the bottom right corner. The seed heads are in various stages of dispersal, with some showing the intricate structure of the pappus. The background is a soft, out-of-focus blue, creating a sense of depth and texture. The overall mood is serene and minimalist.

LESS MATERIAL, MORE TECHNOLOGY

THE FUTURE SHAPE OF WARMTH

" THANKS TO OUR GROUNDBREAKING TECHNOLOGY, THE SAME COMPACT DEVICES THAT PROVIDE PLEASANT COMFORT IN THE WINTER CAN ALSO PROVIDE COOLING IN THE SUMMER "



Build a future

HEATING, COOLING AND VENTILATION

The Jaga “convector” has never been an ordinary radiator. The ultra-light heat exchanger of our first products already contained the base of all our new and future products. Hence our technological lead in lightweight, responsive and high-performance heat exchangers for what today has become a complete climate system for heating, cooling and ventilation.

THE BEAUTY INSIDE

At the heart of the Low-H₂O radiators is its true beauty: the superconducting heat exchanger made of copper and aluminum. Fine-tuned over decades in collaboration with various universities and laboratories. In various shapes and sizes it still is the basis for the most economical appliances for heating, cooling and ventilation.

ANYWAY THE WIND BLOWS

Environmentally friendly alternatives such as a heat pump have a much lower water temperature. From this point of view, Jaga has developed the very first radiators with DBE technology. Thanks to this groundbreaking idea, the same compact devices that provide pleasant comfort in the winter can also provide cooling in the summer.

FREE COOLING

Passive or natural cooling is an energy-efficient form of cooling that is primarily used with heat pump systems. Refresh your home while using extremely little power consumption.





Jaga Experience Lab

ENTER THE JAGA BRAIN

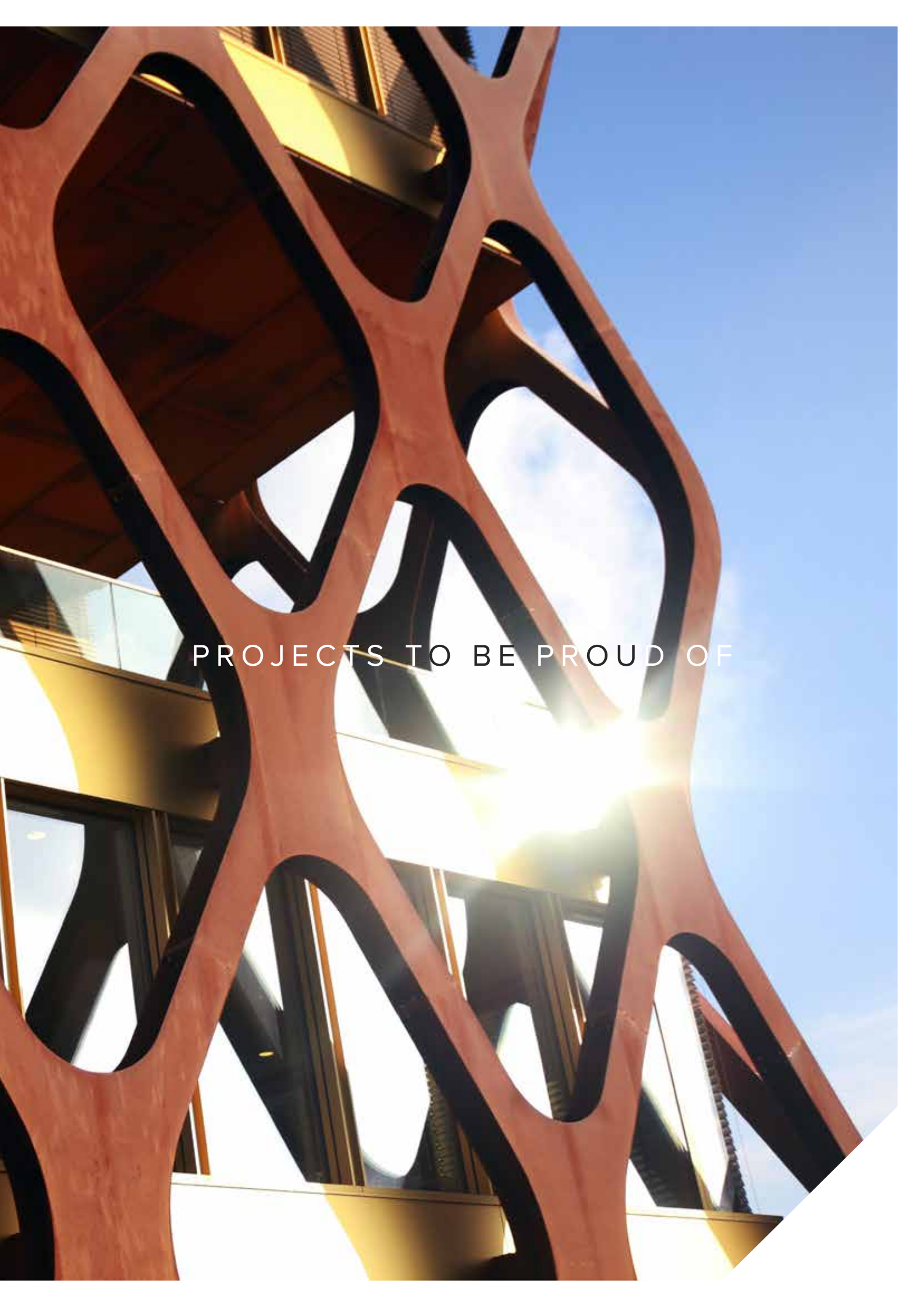
Jaga Experience Lab is a unique scientific climate laboratory for comparative studies and simulations between different heating or cooling systems. The Lab consists of a 600 m³ climate chamber and a multi-functional auditorium. There are two identical test rooms in the climate chamber. Extreme weather conditions can be simulated, with temperatures ranging from -30°C to +30°C. All the data can then be visualised and projected so that visitors in the auditorium can follow the tests live.

It is the location where new radiators are born, where new technologies are conceived and tested, where Jaga's future philosophy is formulated, where work is done on a cleaner environment, and where a better world is dreamt of ...





jaga CLIMATE DESIGNERS



PROJECTS TO BE PROUD OF



The Bridge - The Netherlands - Mini Freestanding



River Garden - Czech Republic - Strada + Mini + Sani Louvre



Cour de Justice - Luxembourg - Gold Mini Canal



Amazon Spheres - US - Built-in solutions



Regional Blood Center - Poland - Strada + Mini



KPMG HQ - Luxembourg - Mini Canal



Zil Art Factory - Russia - Mini Canal DBE



NAC Houthalen - Belgium - Quatro Canal + Mini Canal + Briza



EU Parliament - KAD Luxembourg



Airport Porto - Portugal - Mini



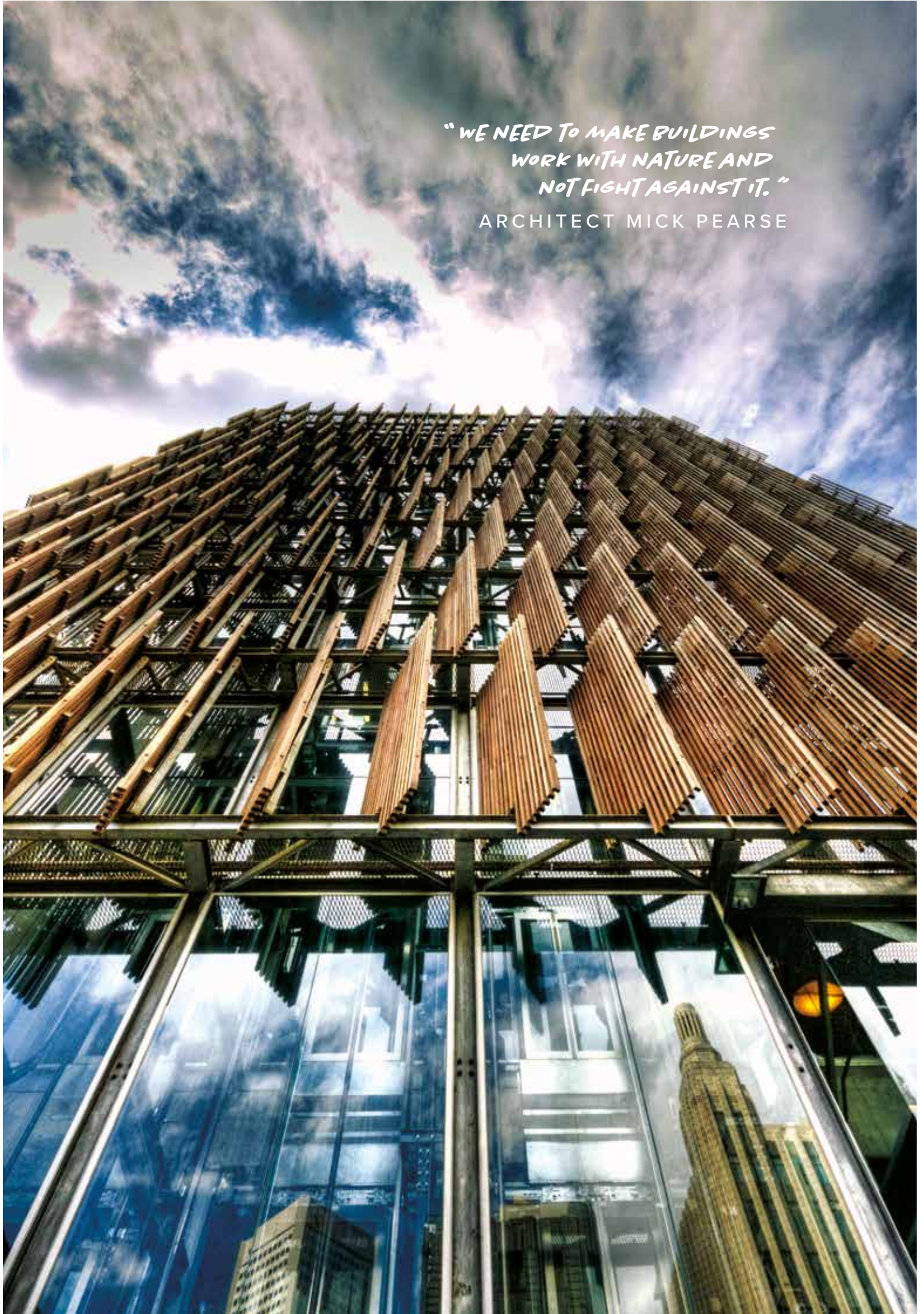
Lakhota tower - Russia - Mini Canal



The Edge - The Netherlands - Mini DBE - Awarded with the BREEAM Award for Offices New Construction

*"WE NEED TO MAKE BUILDINGS
WORK WITH NATURE AND
NOT FIGHT AGAINST IT."*

ARCHITECT MICK PEARSE



Focus on one of our award-winning projects: Council House 2 - Australia

Melbourne is well known for its “four seasons in one day”. In the case of CH2, this variability was viewed as an opportunity to design the building around the concept of cold energy storage. The building therefore operates in two seasonal modes (winter and summer), as well as day mode and night mode. CH2’s many parts work together to heat, cool, power and water the building, creating a harmonious environment. CH2 has been designed to not only conserve energy and water, but the quality of the internal environment of the building has also been designed to improve the wellbeing of its occupants. CH2 demonstrates a new approach to workplace design, creating a model for others to learn from and follow.

Jaga products fit perfectly into this project, both technical and philosophical.



WORLD GREEN BUILDING COUNCIL

The world Green Building Council -WorldGBC- represents a coalition of 64 councils including 16 established green building councils, 8 emerging councils, 15 prospective councils and 25 associated groups around the world





jaga CLIMATE DESIGNERS



THE JOURNEY TO...

"SINCE ITS FOUNDATION IN 1962, JAGA
FOCUSSES ON INNOVATION AND CREATIVITY."



1962

BIRTH OF JAGA

Jan and Gaston Kriekels, central heating installers, started developing their own radiators out of a dissatisfaction with existing solutions.



1985

DECO RADIATORS

A new type of vertical radiators sees the light. The radiator was launched with an artistic photo shoot in the caves of Kanne.

The first radiator with collectors in the centre opened up a whole new spectrum of designs and applications.

Invented by Jaga,
copied by many!

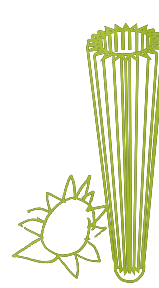
TABOE



1989

LINEA PLUS

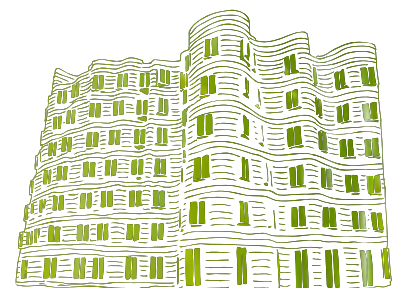
Linea Plus introduces a new design in the world of radiators. With a flat front panel and innovative perforated top.



1998

IGUANA

Launch of Jaga's most successful Deco radiators. Frequent winner of design awards. Based on a child's drawing of a radiant sun.



2003

FRANK GEHRY BUILDING

Jaga opens PPC: renewed Product Presentation Centre in the Frank Gehry buildings in Düsseldorf.

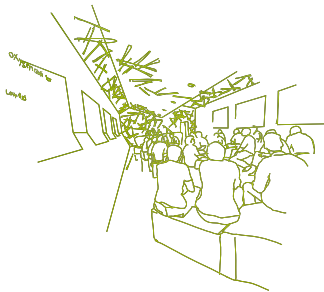
How we became Climate Designers



2005

DYNAMIC BOOST EFFECT

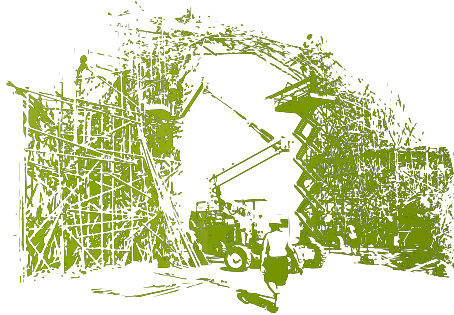
DBE: Dynamic Boost Effect doubles the heat output. Less radiator, more heat. DBE party to launch this low watertemperature radiator.



2005

JAGA EXPERIENCE LAB

A unique climate laboratory for open innovation starts to operate. A knowledge centre and test laboratory where everyone is welcome.



2006

BURNING MAN

The Uchronia Community builds the greatest work of art ever at the Burning Man Art Festival in the Nevada desert.



2007

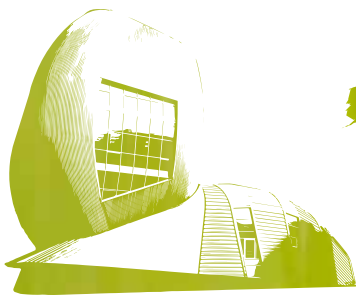
HEATWAVE

Playful curves out of a concrete shell. Designed by Jaga & Joris Laarman.

THE CHOCOLATE EXPERIENCE

Heatwave launch with chocolate radiators at the design fair in Milan 2007.

" JAGA HAS BEEN SURPRISING THE HEATING MARKET WITH NUMEROUS NEW CONCEPTS AND PRODUCTS FOR DECADES NOW. BOTH ON AN AESTHETIC AND A TECHNICAL LEVEL. "



2007

LIVING TOMORROW

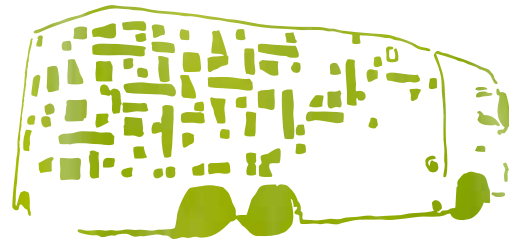
Jaga Selected as a partner for the home of the future, both in Vilvoorde and Amsterdam.



2007

JAGA PRODUCT DAYS

Partners from 24 countries collaborate in thinking about Jaga products for the future.



2009

**JAGA WORLD TOUR
EXPERIENCE TRUCK**

Presentation of Jaga values and climate solutions. In 2011, Jaga had already covered 42 countries across different continents.



2010

RUBBISH

Jaga's rubbish exhibition made from production waste. Waste upgraded to a functional, modular and aesthetic exhibition system, still in use in 2012!

**"ALWAYS HONOURING ITS VALUES,
JAGA CONTINUALLY LOOKS FOR THE
MOST ECOLOGICAL SOLUTIONS FOR
HEATING, COOLING AND VENTILATION."**

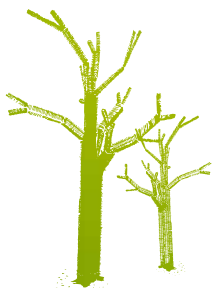
"JAGA HAS A CULTURE THAT DOES NOT SEEK STOCK EXCHANGE LISTINGS OR SHORT TERM PROFIT, BUT PLACES FAIR-TRADING AND ECOLOGY AT THE TOP OF ITS LIST."



2011

VERTIGA

Vertiga is the first combination of Energy Savers, Eyecatchers and Top Performers. A brand new design radiator for extremely low water temperatures.



2011

WORLD CREATIVITY FORUM

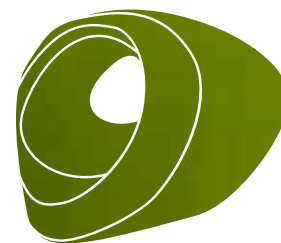
From rubbish to eco design. Heat-exchanger trees made from recovered aluminium symbolise the new life of this material..



2018

AMAZON SPHERES

Jaga elected as climate partner for the Amazon spheres.



FUTURE

MOBY

Modular Oxygen Bubble. Climate and multimedia cabin. A comfort zone as protection against air and noise pollution.

EUROPEAN DESIGN
AWARD - LINEA PLUS
1990



TROPHÉE DU DESIGN
PARIS - GEO
1997



ISH-DESIGN AWARD -
IGUANA
1999



IF-DESIGN AWARD
- KNOCKONWOOD &
STRADA
2003



VIZO - TRIËNNALE -
IGUANA & GEO
2001



LEEUEW VAN DE EXPORT
2003



COMPANY OF THE YEAR
2003



BELGIAN BUILDING
COMMUNICATION
2004



HENRY VAN DE VELDE -
BESTE DESIGN BEDRIJF
2004



BENELUX EVENT
AWARDS - BOOST
PARTY
2004



DESIGN MANAGEMENT
EUROPE AWARDS
2009



HENRY VAN DE VELDE
PUBLIC AWARD - PLAY
2009



REDDOT DESIGN
AWARD - TWINE
2009



REDDOT DESIGN
AWARD - PRODUCT
2013



REDDOT DESIGN
AWARD - AURORA
2018



#WEARECLIMATEDESIGNERS



BELGIË **JAGA NV**

Jaga advies centrum | Verbindingslaan 16 | 3590 Diepenbeek
+32 (0) 11 29 41 11 info@jaga.be jaga.be

NEDERLAND **JAGA KONVEKTCO BV**

Jaga Konvectco Showroom | De Meerheuvel 6 | 5221 EA 's-Hertogenbosch
+31 (0) 73-6312360 konv_showroom@jaga.nl jaga.nl

TSJECHIË **ORGANIZAČNÍ SLOŽKA**

U Trezorky 921/2 | 15800 Praha 5 - Jinonice
+420 220 190 516 info@jagacz.com jagacz.com

VERENIGD KONINKRIJK **JAGA HEATING PRODUCTS (UK)**

Jaga House | Orchard Business Park Bromyard Road | Ledbury - Herefordshire HR8 1LG
+44 (0) 1531 631533 jaga@jaga.co.uk jaga.co.uk

DUITSLAND **JAGA DEUTSCHLAND GMBH**

Product Presentation Center | Neuer Zollhof 1 | 40221 Düsseldorf
+49 (0) 211 310 2730 info@jaga.de jaga.de

POLEN **JAGA POLSKA SP. Z O.O.**

Jaga ART STUDIO | ul. Zwycięzców 28 lok. 5 | 03-938 Warszawa
+48 22 672 88 82 info@jaga.com.pl jaga.com.pl

CANADA / VERENIGDE STATES **JAGA CANADA CLIMATE SYSTEMS INC**

DUDOC - (Dutch Urban Design and Development Centre) | 100 – 1445 West Georgia Street | Vancouver BC V6G 2T3 | Canada
+1604 681 2971 info@jaga-canada.com jaga-canada.com

ALL OTHER COUNTRIES

Jaga International
+32 11 29 41 16 export@jaga.be

“ NOTHING IS MORE POWERFUL THAN
AN IDEA WHOSE TIME HAS COME “

Victor Hugo

jaga CLIMATE DESIGNERS