



BePOSITIVE

The energy transition exhibition

21 > 23 March 2023
Eurexpo | Lyon | France

PRESSE RELEASE

23rd February 2023

BePOSITIVE AWARDS: 57 innovations battle it out to become winners of the contest's 2023 edition!



Picture ©Alexandre Moulard

BePOSITIVE, the energy transition's national exhibition, is being held on 21st–23rd March, 2023 at Eurexpo Lyon, France. A favourite highlight of the exhibition is the **BEPOSITIVE AWARDS**, which reward new products and features, innovations, and technological game-changers presented by manufacturers and industrial firms from the energy and construction sectors. The four judging panels—representing trade associations, professionals, and the media—along with the exhibition visitors can discover all these innovations on the contestants' company stands and at the presentation pitches organized in the Exhibitors' Forum. By putting innovation at the very core of the exhibition, **BePOSITIVE** affirms its position as the benchmark gathering for energy transition professionals seeking concrete solutions for their projects.

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CONTEST CHECKPOINTS

- 21st March : Entrants pitch their innovations in the Exhibitors' Forum on the morning and receive the judges on their stands in the afternoon
- 22nd March : The judges deliberate and choose, with the prize award ceremony taking place at the end of the afternoon in the Exhibitor's Forum

What are the BePOSITIVE AWARDS?

Open to all exhibitors, the BePOSITIVE AWARDS acclaim the innovative character of a product or service as well as its relevance and interest to businesses in the energy transition, its minimal environmental impact, its benefits for users, its performance, its cost effectiveness, and last but not least, the company itself and its CSR initiatives.

Four innovation categories to reward the best of each

- > New energy systems: innovations related to energy renewables.
- > Wood energy with Flam'expo: innovative solutions on the wood energy market.
- > Energy in buildings: innovative solutions for buildings in use to meet the latest energy performance requirements.
- > Construction solutions: innovative solutions for constructing more sustainable buildings with better performance.

The judges name one prizewinner in each category. Each panel can also award its Special Mention ("Coup de Coeur") prize.

By entering the contest, a candidate heightens their visibility among energy transition professionals ahead of and during the exhibition. All their innovations are featured on the event's website as well as on the BePOSITIVE Connect Web & mobile app.

In the exhibition hall, dedicated signs guide visitors easily to the discovery of these innovations.

Pitches and stand visits to promote the innovations and argue for the projects

To promote their entries, each competing company gets the opportunity to pitch their innovation on **21st March** with a **three-minute talk at the Exhibitors' Forum**. These pitches, which will also be available for playback on the BePOSITIVE Connect app, will enable

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companies to both meet their audience and convince the judges with their ability to argue for their innovation.

On the same day and into the next morning, the judging panels will be touring the stands that host the shortlisted innovations. The judges can thus chat with the contestants and discover the new features in detail.

With this tour over, the panels will deliberate and choose the winners in each category.

Prizewinners selected by a judging panel of professionals and the media

Prizes will be attributed by a panel comprising a cross-section of energy transition stakeholders. There will be professionals from the energy and building sectors and from the media.

The judges and their professions:

“New energy systems” category

- Hervé Druon
Director - INES Training & Evaluation platform
- Olivier Durin
Editorial manager of NEWS TANK ENERGIE
- Gaël Parrens
Deputy Chair at the Qualit'EnR syndicate
- Etienne Wurtz
Science Manager, Department of Solar Technologies - INES CEA-Liten (solar energy institute)

“Wood energy – Flam'expo” category

- Katia Beaud
CEO of Rhône Alpes Bois Bûches and France Bois Bûches
- Nicolas Da Silva
Innovation mission superintendent – FIBOIS (forestry federation)
- Patrice Escrieut
Chairman of the Stove and Hearth Installers Federation
- Jean-Jacques Fournet Fayard
Former chimney maintenance contractor

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“Energy in buildings” Category

- Jean-Luc Butaud
Plumbing and heating specialist – member of CAPEB Rhône et Grand Lyon (small builders’ federation)
- Philippe Giron
General Secretary of UMGCCP-FFB (HVAC-roofing-plumbing federation)
- Jacky Strady
Plumbing and heating specialist – member of CAPEB Rhône et Grand Lyon (small builders’ federation)
- Anne-Sophie Tardy
Chief Editor of PYC MEDIA - Génie Climatique Magazine (HVAC)

“Construction Solutions” Category

- Arnaud Dutheil
General Representative of URCAUE (architecture-town planning-environment federation)
- Pierre Malot
Manager of Pierre Malot Maçonnerie (masonry firm) - member of CAPEB Rhône and Grand Lyon (builders’ federation)
- Corentin Maucoronel
Deputy CEO of the Auvergne-Rhône-Alpes Eco-Bâtiment cluster
- Emilie Wood
Editor of BATIRAMA

Close-up on the innovations entered this year

The following companies have entered their innovations in the BePOSITIVE AWARDS 2023:

“NEW ENERGY SYSTEMS” CATEGORY

A clamp that can conveniently fix beams and rails

Beams and rails fastened in record time.

XIAMEN HQ MOUNT TECH CO LTD – Stand: 2.1B18



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APstorage: SEA range, Series ELS Battery charger

First generation of smart power conversion systems (PCS) with the ELS-5K charging solution for batteries. It provides a modular energy storage solution with AC single-phase coupling for home solar panels.

APSYSTEMS - Stand: 2.1D20

PowerWall 27kWh household storage battery

A battery that can store the energy from solar panels for use when the light-starved panels are out of action (at night, etc.).

KITOFFGRID - Stand: 2.1H12



EASY VAP

Self-priming apparatus that cleans, disinfects, and degreases all types of appliances: air conditioning units, cooker hoods, refrigerators, washing machines, water heaters, and other domestic appliances.

CBM - Stand: 3C14



EcoFlow Balcony Solar System

Le 1er système solaire de balcon avec stockage d'énergie portable et système de contrôle intelligent permettant aux utilisateurs de surveiller leur consommation d'énergie.

ECOFLOW EUROPE S.R.O. - Stand : 1E09



EcoFlow DELTA Pro Portable Power Station

The world's first portable domestic battery with an extensibility ecosystem, to cater for mains power outages and featuring smart energy management.

ECOFLOW EUROPE S.R.O. - Stand: 1E09



EcoFlow Wave 2 Portable Power Station

The portable air conditioning unit that adds that little touch of luxury to open air adventures. Wave 2 offers an improved cooling experience that can be enjoyed literally anywhere.

ECOFLOW EUROPE S.R.O. - Stand: 1E09



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Meteoptim by DualSun

Smart solar regulator that maximizes your hot water production while decreasing the consumption of your solar installation on the grid by 30%. Priority to solar at all times – payback time reduced by two years – easy monitoring with the app.

DUALSUN - Stand: 1F30



M8 ultra-black, dual-glass IBC PV module

M8 ultra-black, dual glass IBC panels comprising state-of-the-art type-N IBC cells, with yields of up to 25.5%.

BELINUS - Stand: 2.1F04



Mysmart PPA

MSPPA is the business solution for optimizing self-produced energy consumption. 100% of the production is monetized for fast payback, with the surplus sold directly to private individuals at a value-added price indexed to the regulatory sales price.

MYLIGHT SYSTEMS - Stand: 2.1E12



OCTEO

The OCTEO forced ventilation unit is designed to adapt to all environments and ensures a quick, simple, long-lasting installation, with the market's lowest noise levels and consumption.

S&P France - Stand: 2.1N26



MECOPARK no-foundation, solar car park shelters

Mecopark no-foundation shelters can be installed without any foundation work in most open-air car parks, with very short installation times and only a moderate disruption of parking activity.

MECOSUN - Stand: 1F18



Sixth generation hybrid inverter

The new three-phase S6-EH3P hybrid inverter with outputs reaching 10kVA can be used in a parallel bank of up to 10 inverters to provide a total of 100kVA.

GINLONG (SOLIS) - Stand: 2.1G18



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SolarEdge Home Three-phase hub inverter

The new Home 3-phase hub inverter from SolarEdge is the home energy system's brain. It manages the property's generation and consumption of photovoltaic energy, including battery storage, backup supply, electric vehicle charging, and all the home automation appliances.

SOLAREEDGE - Stand: 1G30



100kVA PRO inverter

The Solis-(80-110) K-5G-PRO family of inverters has been re-engineered from scratch to overcome component supply issues (notably of IGBTs).

GINLONG (SOLIS) - Stand: 2.1G18



S1200 power optimizer

The first DC/DC converter for service sector and industrial applications equipped with SolarEdge Sense Connect technology. Integrated temperature sensors on the connectors improve the safety and protection of photovoltaic installations.

SOLAREEDGE - Stand: 1G30



OPTIWIZE

Optiwise techno-economic software analyses the last ten minutes' consumption of a residential, commercial, or industrial building and can create a large number of sizing scenarios for self-produced energy consumption in less than 5 minutes.

LIKEWATT - Stand: 2.1B33



R290 Everest PV-READY air-water heat pump

Combining PV-READY technology with a smart energy management system, the PHNIX Everest Series air/water heat pump makes use of free electrical power. At the same time, the heat pump can absorb the energy in the air for heating or cooling.

PHNIX HEAT PUMP - Stand: 2.1P22



QT2

The second generation of QUAD native 3-phase micro-inverters is launched, an ideal solution for the roofs of commercial and industrial premises or supermarket car park shelters.

APSYSTEMS - Stand: 2.1D20



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The “Parking Branché” solution

The 2-in-1 solution for your successful energy transition in compliance with regulations! Installed in company car parks, this solution connects the output from photovoltaic shelters to EV charging stations to directly power them.

IDEX - Stand: 3J49



CSR+ ground-level structure

CSR+ is a timber support structure installed on the ground that can take 4 photovoltaic panels (or more), for the residential market.

MODULAND - Stand: 1K42



SunBox Tri by MADeNR

Self-produced energy three-phase control cabinet for solar installations, with LiFePO4 lithium battery storage and a solar conversion system.

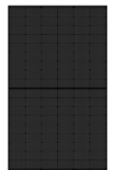
MADENR - Stand: 2.1G02



Tiger Neo N-type 54HL4R-B All Black

The Tiger Neo N-type 54HL4R-B solar panel strikes the perfect balance between aesthetics and technology.

JINKOSOLAR - Stand: 1L18



ULTRAWATT 830

All-in-one kit: ballast system for securing solar panels.

ULTRACADE INDUSTRIES - Stand: 3F38



Viessmann Energy Management

Viessmann solutions cover household thermal and electrical energy needs, which account for up to 90% of a home's energy consumption. Viessmann HEMS provides synchronized management of heat production and electrical power usage to optimize self-produced energy consumption.

VISSMANN - Stand: 2.1N21



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“WOOD ENERGY – FLAM’EXPO” CATEGORY

ApiFire

IoT technology used on INVICTA pellet stoves to optimize their use and performance. With cloud-based data collection and machine learning, ApiFire offers end customers, technicians, and manufacturers alike a markedly improved experience.

INVICTA - Stand: 2.2K02



Apollo Pellets 2.0

An innovative range with polished looks, redesigned to facilitate your installation of pellet stoves in newbuild or retrofit projects.

LORFLEX - Stand: 2.1F56

Core

Innovative pellet combustion technology using gasification principles.

MCZ - Stand: 2.2H02

Domino Stabilized

Stair-climbing robot trolleys with electric crawler tracks and wheels.

ZONZINI France - Stand: 2.1F73

Driade

The “pellet stove concept” developed for in-situ testing of innovative technologies in the aim of improving efficiency and significantly decreasing atmospheric emissions thanks to a new combustion system and new combustion management.

PALAZZETTI LELIO SPA - Stand: 2.2K42



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PRESSE RELEASE

FLAMIN

This stove provides, rapid, ecological heating by the catalytic conversion of bioethanol to hydrogen, doubling its calorific output. It can be installed anywhere the user wants without a flue connection, meaning rapid warmth, even in a flat.

ORCHEL - Stand: 2.1H34



GazoRamoneur

Chimney sweeping has at last been recognized by the French government as a specialist trade that is going through important evolutions aimed at reducing fine particle emissions, critical damage risks, and CO intoxication. The GazoRamoneur method ticks all these boxes.

GAZOLEEN - Stand: 2.1G63



MATISSE

The new MATISSE pellet stove is the result of research on the essentiality of shapes, completed by the excellence of 100% Made in Italy craft techniques.

JOLLY MEC CAMINETTI - Stand: 2.2K20



NUA

The new MATISSE pellet stove is the result of research on the essentiality of shapes, completed by the excellence of 100% Made in Italy craft techniques.

JOLLY MEC CAMINETTI - Stand: 2.2K20



Pierre the Chatbot

The Pierre online chatbot assistant. This revolutionary tool is available to stove installers and users in the goal of reducing after-sales visits by way of a Q&A system.

LAUDEVCO - Stand: 2.2F02



Dual Air mixed stove!

This stove's big feature is its ability to operate without electricity thanks to the dual combustion chamber system.

LAUDEVCO - Stand: 2.2F02



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Automatic adjustment of wood pellet stoves

A universal disruptive solution that automatically adjusts a stove's settings to suit the characteristics of the bagged pellets bought by the end user.

N2AIR - Stand: 2.1N50



TurboClean

The new heat exchanger with steel fibre turbulators and integrated electrostatic filtering, designed by HEIZOMAT. This is genuine disruptive technology: it keeps fine particle emissions down below 10mg/Nm³ at 6% O₂—without adding an external filter!

HEIZOMAT France - Stand: 2.1P60

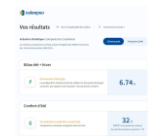


“ENERGY IN BUILDINGS” CATEGORY

CALEPSO

In just a few clicks, users can calculate the energy savings achievable in residential premises by means of automated solar protection. It can also estimate summer comfort according to the method specified in France's environmental regulations.

GROUPEMENT ACTIBAIE - Stand: 3F32



Solar-powered air extraction with Solar Star

Ventilates the unfurnished roof spaces in a house. Completely self-sufficient, running on power from its photovoltaic panel.

NATURE ET CONFORT - Stand: 3D32



Flexilo Compact for 12 tonnes of pellets

The new extra-high capacity canvas hopper developed by ÖkoFEN for feeding pellets to one or more boilers.

OKOFEN - Stand: 2.1N34



Green gas and energy frugality: a duo for the future!

Conservation of heritage meets new-age construction in Lyon's 7th arrondissement: this former Ford garage from the 1950s is extended by a new, high-performance office building to house the regional headquarters of GRDF.

GRDF - Stand: 3A18



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NIBE S735

A heat pump operating on extracted air with no exterior module, with smart control by inverter. It comes with an integrated, stainless steel hot water cylinder that provides a threefold service: ventilation, heating, and domestic hot water production.

NIBE HEAT PUMPS - Stand: 2.1S60



Pellematic Smart XS ZeroFlame

“All-inclusive” pellet-fuelled condensation boiler combined with ZeroFlame® technology for even higher heating performance and greater care of the environment.

OKOFEN - Stand: 2.1N34



RS PRO 5100 motion detecting strip light

Hyper-frequency, 360° motion-detecting strip light connected by Bluetooth Mesh to achieve energy savings of up to 94%. Tough and very functional, easy installation and easy configuration by smartphone.

STEINEL France - Stand: 2.1L10



ROLUX MULTIFLEX

Enables each condensation appliance to have its own 60mm diameter flue connected to the existing ductwork.

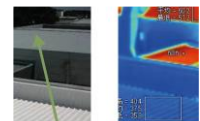
UBBINK France - Stand: 2.1S49



Thermal insulation solution by ceramic coating

Thermal treatment derived from a process developed for the Japanese aerospace industry, most notably as an insulator during rocket launches.

MAGNOVENT France - Stand: 3F10



Unpainted surface

Before

Heating cost individualization solution

A new-generation solution for breaking down heating costs. It calculates the actual temperature inside the dwelling in real time and identifies any boiler regulation issues.

IDEX - Stand: 2.1N11



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“CONSTRUCTION SOLUTIONS” CATEGORY

TimberRoc timber concrete

TimberRoc® bio-based construction material develops construction applications using patented methods for load-bearing or non-load bearing walls and floors.

CARBON CAPTURE BUILDINGS (CCB)GREENTECH - Stand: 3C26



Concerto

Website designed in conjunction with the CSTB (building scientific & technical centre) to enable private individuals to carry out an energy study on their home and identify efficient renovation avenues from a totally neutral perspective.

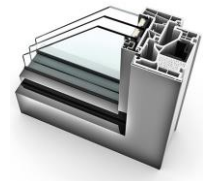
SONERGIA - Stand: 2.1M22



High-security PVC and PVC-Aluminium KF 510 window

Besides a thermal performance of up to $U_w = 0.71 \text{ W/m}^2\text{K}$, the KF 510 window's main attraction is of course Internorm's original I-Tec Secure patented locking system, fitted as standard.

INTERNORM WINDOW - Stand: 3F26



FLUXO®-ZP

The seal-less connector with a flow cross-section equivalent to that of the Fluxo® brass connector.

NICOLL BY ALIAXIS - Stand: 3D14



Solar protection – the in-glazing blind

The ITec Shading is a blind integrated between window panes for an efficient way of providing solar protection in homes.

INTERNORM WINDOW - Stand: 3F26



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REHAU Window. ID

The digital ID card for windows made of any material, enabling the window to be tracked all the way from on-site fabrication to installation and final recycling. It also provides easy access to full information on the window itself (manufacturer, dimensions, upkeep advice).

REHAU France - Stand: 3G31



ULTRAÇADE POWER

The power generating external wall designed and manufactured to industrial standards. Easy to install and ready to use. As simple as a junior construction kit.

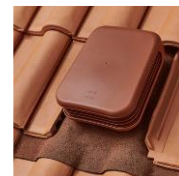
ULTRAÇADE INDUSTRIES - Stand: 3F38



Valetis

The compact ventilation cowl for higher performance, smarter looks, and greater versatility.

UBBINK France - Stand: 2.1S49



Vepac 200 Nova

The roof exhaust vent for forced ventilation systems, offering optimum performance.

UBBINK France - Stand: 2.1S49



GL events Exhibitions Opérations

With 200 events organized worldwide for professionals and the general public, GL events Exhibitions Opérations has unequalled expertise in organizing exhibitions and trade shows—a business that must stay abreast of increasingly specialized marketing, communication and organizational techniques while retaining close ties with market players. The BePOSITIVE exhibition is organized by the GreenTech+ division of GL events, which also manages eight other major gatherings: Eurobois, Expobiogaz, HyVolution, Horizonia, Open Energies, Paysalia, Piscine Global Europe, and Rocalia.

GreenTech+ is the newest division of the GL events group, providing a unique shop window born from the synergy of gatherings that touch on common themes of ecological innovation and sustainable development.

GL events created GreenTech+ to take up a full-time, active part in the world's big environmental issues, with a format unique in its genre that builds bridges between the sectors of the future and maximizes their visibility. GreenTech+ is an accelerator committed to accompanying the sector's stakeholders in their developments and in their search for the solutions of tomorrow, while instilling an ever-greater eco-awareness among our citizens.

 **Website**



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