

Press release

July 2024

## INNOVATION AWARDS: THE 38 WINNERS ARE UNVEILED Decarbonisation: a major challenge

With a record 229 applications registered, the Innovation Awards clearly show the extent to which professionals are engaging with this key event for the construction and building sector. Within the applications, the expert juries praised the relevance of products offered and their potential to respond to the needs of the market. 38 innovations received awards in this 2024 edition. And as proof of the high quality of applications, several categories were tied or designated Top Picks by the Jury! Don't miss **BATiMAT**, **IDÉOBAIN** and **INTERCLIMA** (30 September – 3 October at Paris Porte de Versailles) where you'll find not only the winning innovations, but all the nominees.

With 38 winners, including 4 Top Picks and 8 ties, this year's Innovation Awards were exceptionally vibrant and diverse. The juries could not stress this enough, and saluted the hard work of the applicants in offering solutions to the sector's major challenges, with decarbonisation at the top of the list.,

It should also be noted that many of the applications came from outside France. Among the winners, 21% came from other European countries (Portugal, Italy and Norway).

Participants could enter 10 categories, covering all the sector's trades and enabling each to be represented:

- Construction Tech® - Start-Up, IT and New technologies
- Training and Services
- Climate Engineering
- Major works, Structure and Envelope
- Offsite
- Interior & Garden
- Machinery, Tools, Vehicles And Equipment
- Joinery and façades
- Bathrooms
- Services Sector / Climate Engineering

*"This edition of the Awards has demonstrated real energy, proving that an event like Le Mondial du Batiment is totally relevant or everyone involved in building and construction. The huge exhibitor turnout clearly points to the success of, and engagement in, this 2024 edition."* states Jean-Philippe Guillon, Director of Le Mondial du Bâtiment.

## Awards across the three shows at Le Mondial du Bâtiment

**The official awards ceremony for the 2024 Innovation Awards will take place at the show on 30 September.**

In addition, throughout the event from 30 September to 3 October 2024, the innovations will be showcased in the three Awards areas, located at the entrances to **BATIMAT**, **IDÉOBAIN** and **INTERCLIMA**. Visitors will be able to find every innovation and development using interactive screens, as well as video pitches and full descriptions, enabling them to map out their very own visitor trail to meet the businesses in person on their stands. They're also able to vote for their favourite solution, by taking part in the public vote, every day at noon and at 5 pm.

The digital innovations catalogue will also be available before, during and after the show on a dedicated website.



## Winners of the 2024 Innovation Awards

### CONSTRUCTION TECH® - START-UP, IT AND NEW TECHNOLOGIES

<b>GOLD</b>	<b>BOBY (France)</b>	The smart assistant
<b>SILVER</b>	<b>LEICA GEOSYSTEMS (France)</b>	Leica BLK2GO PULSE
<b>BRONZE</b>	<b>FESTOOL (France)</b>	ExoActive EXO 18

### TRAINING AND SERVICES

<b>GOLD</b>	<b>CTICM/MCM (France)</b>	Ecosystem for re-using and re-purposing metal sector products.
<b>SILVER</b>	<b>CAPEB (France)</b>	GME 3 Clics
<b>BRONZE</b>	<b>AFPA (France)</b>	Additive manufacturing for construction professionals

### CLIMATE ENGINEERING

<b>GOLD</b>	<b>VITALOME (France)</b>	Vitalome
<b>SILVER</b>	<b>HEIWA FRANCE</b>	Hydraulic compensator
<b>BRONZE</b>	<b>NIBE FRANCE</b>	NIBE S735, heat pump

### MAJOR WORKS, STRUCTURE AND ENVELOPE

<b>GOLD</b>	<b>SAINT-GOBAIN ISOVER (France)</b>	Lanaé, the new generation of glass fibre
<b>SILVER</b>	<b>CREAWATT (France)</b>	LUXSIOL ZINC
<b>SILVER</b>	<b>ECOVEGETAL (France)</b>	Optimised Plot-based Rainwater Management calculator (GEPO)
<b>BRONZE</b>	<b>SYBOIS (France)</b>	Mobix by SYBOIS

*1 of the nominated products in this category was awarded the Jury's Top Pick:*

<b>JURY'S TOP PICK</b>	<b>AIR BOOSTER (France)</b>	Air Booster
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## OFFSITE

<b>GOLD</b>	<b>LA BRIQUE DE GUYANE</b>	SymbioFlex
<b>SILVER</b>	<b>BIOMESPACE (Portugal)</b>	Biomespace
<b>BRONZE</b>	<b>TECHNO PIEUX (France)</b>	Techno Pieux
<b>BRONZE</b>	<b>TECNOSTRUTTURE Srl (Italy)</b>	NPS® FLEX

## INTERIOR & GARDEN

<b>GOLD</b>	<b>ARAYMOND (France)</b>	Stair-mounted fittings
<b>SILVER</b>	<b>A CIMENTEIRA DO LOURO S.A (Portugal)</b>	Slimcrete
<b>BRONZE</b>	<b>DIASEN (Italy)</b>	Decork Mediterraneo

## MACHINERY, TOOLS, VEHICLES AND EQUIPMENT

<b>GOLD</b>	<b>HINOWA SpA (Italy)</b>	TPX1800E
<b>GOLD</b>	<b>LIFTROLLER (Norway)</b>	Liftroller
<b>SILVER</b>	<b>FEIN (France)</b>	ASCM 18-4 QM AS - cordless drill / driver
<b>BRONZE</b>	<b>LAYHER (France)</b>	ISOL ARC scaffolding

1 of the nominated products in this category was awarded the Jury's Top Pick:

<b>JURY'S TOP PICK</b>	<b>MILWAUKEE TOOLS (France)</b>	350 mm disc cutter
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## JOINERY AND FAÇADES

<b>GOLD</b>	<b>ERIBEL (France)</b>	SlimTeq
<b>SILVER</b>	<b>GROUPE LORILLARD (France)</b>	Fusia
<b>BRONZE</b>	<b>LA CROISEE DS (France)</b>	DISCOVERY anti-panic closure
<b>BRONZE</b>	<b>SAINT-GOBAIN GLASS (France)</b>	ECLAZ® ZEN ORAE®

2 of the nominated products in this category were awarded the Jury's Top Pick:

<b>JURY'S TOP PICK</b>	<b>MAISON CADIOU (France)</b>	Sturm driveway gate
<b>JURY'S TOP PICK</b>	<b>STANLEY BLACK&amp;DECKER (France)</b>	TradeLift™

## BATHROOMS

<b>GOLD</b>	<b>BURGBAD (France)</b>	Burgbad cleanFlow and Cleanflow+
<b>SILVER</b>	<b>CARLO NOBILI SPA (Italy)</b>	Sole
<b>BRONZE</b>	<b>GEBERIT S.A.R.L (France)</b>	Geberit AquaClean Alba

## SERVICES SECTOR / CLIMATE ENGINEERING

<b>GOLD</b>	<b>S&amp;P France (France)</b>	Pureclass
<b>SILVER</b>	<b>ATLANTIC SYSTEMES (France)</b>	Skid it access
<b>BRONZE</b>	<b>FRANCE AIR (France)</b>	IAQ diffuser

# Experts who were on the judging panels for the 2024 Innovation Awards

*(in alphabetical order)*

Lisa	AGOSTINI	Journalist	AA
Flora	AUVRAY	Interior designer	FLORA AUVRAY ARCHITECTE
Cédric	BEAUMONT	Technical Director	COSTIC
Stéphanie	BIGEON-BIENVENU	Deputy Director	IMPULSE PARTNERS
Anne	BOULAY	Editor in chief	VMA
Jean-Luc	BUCHOU	Senior Executive Officer	PROMODUL/INEF4
Steve	CARPENTIER	Senior columnist	BATIACTU
Pierre	CLAUDEL	Director	CETIAT
Rose	COLOMBEL	Editor in chief	ZEPROS ENERGIE
Véronique	COTTIER	Editor in chief	STORES ET FERMETURES
Valérie	DAVID	Director of ecological transition	FNTP
Rémi	DE MARASSE	Joint deputy editor	CONCEPT BAINS
Arnaud	DISDERO	Senior editor	SYSTÈME D
Stéphanie	DREUX-LAISNE	Publication director	L'ECHO DE LA BAIE
Catherine	ERNENWEIN	Journalist	LE MONITEUR
Félicie	GESLIN	Joint deputy editor	LES CAHIERS TECHNIQUES DU BÂTIMENT
Julien	HERBERT	Project manager	AQC
Fabrice	KNOLL	Architect and Designer	KNOLL ARCHITECTURE
Christophe	LAVERGNE	Senior editor	L'INSTALLATEUR
David	LEBANNIER	Partner, Pouget Consultants	AFPAC
Olivier	LECLERCQ	Architect, Managing partner	AIR ARCHITECTURES
Bruno	LEFEBVRE	Product designer	LEFEBVRE PRODUCTIONS
Claire	LEMONNIER	Editor in chief	BATIWEB
Franck	LE NUELLEC	Director of Marketing, Development and Strategic Innovation	WINLAB' (CCABTP)
Fabienne	LEROY	Publication director	PRÉVENTION BTP
Manuel	MARTIN	Senior technical manager - Major works adviser	OPPBTP
Pierre	MAS	Director	ENTREPRISE MAS
Jan	MEYER	Senior editor	METAL FLASH

Stéphane	MIGET	Senior editor	<b>5 FAÇADES</b>
Frédéric	MUSSELIN	Marketing director	<b>ÉCOLE DES PONTS</b>
Grégoire	NOBLE	Joint deputy editor	<b>ZEPROS BATI - ZEPROS ENERGIE</b>
Stéphanie	OBADIA	Director	<b>CONSTRUCTION 21</b>
Jean-Noël	ONFIELD	Senior editor	<b>CHANTIERS DE FRANCE</b>
Tugdual	PAPILLON	Secretary General	<b>SNEFCCA</b>
François	PELEGRIN	Architect	<b>PELEGRIN ARCHITECTURES</b>
Claudine	PENOU	Editorial coordinator	<b>SDBPRO.FR</b>
Pierre	PICHERE	Senior editor	<b>GENIE CLIMATIQUE MAGAZINE</b>
Julie	POITIER-CANET	Editor in chief	<b>TECHNIC'BAIE</b>
Yves	POLLET	Interior designer	<b>PÔLE ACTION DES ARCHITECTES D'INTÉRIEUR</b>
Laurent	PUYBARET	Technical department manager	<b>SEIMAT/FICIME</b>
Christine	RAYNAUD	Editor in chief	<b>PRESCRIPTION BETON</b>
Stéphanie	ROBIC	Operations Manager, major works and load-bearing structures	<b>OPPBTB</b>
Jean-Pascal	ROCHE	Thermal project manager	<b>ADRET</b>
Nathalie	ROLLING-LERCH	Manager, CSR and Strategic Innovation projects, Marketing, Development and Strategic Innovation Department	<b>CCCA-BTP</b>
Florence	ROUSSEL	Editor in chief	<b>ACTU-ENVIRONNEMENT</b>
Anne-Séverine	SABORET-CONSALES	President	<b>TBC</b>
Mariangel	SANCHEZ	Engineer, innovation monitoring	<b>AQC</b>
Faustine	SAPPA	Editor in chief	<b>CHAUD FROID PERFORMANCE</b>
Frédéric	TADDEI	Publication director	<b>VERRE ET PROTECTIONS</b>
Sébastien	TERRIER	Operations manager, finishing work	<b>OPPBTB</b>
Marianne	TOURNIER	Publication director	<b>SDBPRO.FR</b>
Valérie	TOURNIER	Technical Director for Envelope Finishing Work	<b>OPPBTB</b>

# TRENDS AT LE MONDIAL DU BÂTIMENT INNOVATION AWARDS

Having analysed all the solutions offered at the Innovation Awards, by far the dominant trend is the **effort to decarbonise**. This falls into four sub-trends:

- **electrification of usage,**
- **use of materials that are biosourced or produced from recycled materials,**
- **improvement in energy efficiency** to reduce energy consumption
- **products and systems designed for re-use**

1 - The **electrification of usage** is everywhere: the development of heat pumps for heating and domestic hot water production (the R290 Zé7 from INTUIS, the NIBE S735 triple-service heat pump for exhaust air, the Amzeo WT air-water unitary interior heat pump from AIRWELL, the new range of R290 air/water heat pumps, such as the Aquarea T-CAP Series M heat pump from PANASONIC, ever more photovoltaic panel installation solutions for buildings (Luxiol Zinc from CREAMATT FABRICK, Ultraçade from ULTRAWATT), electrically-powered site equipment (the TPX1800E tracked fork lift from HINOWA SpA), high performance battery-powered tools (the 350 mm concrete disc cutter from MILWAUKEE TOOLS France), high-capacity portable power storage for construction sites, etc The electrification of usage is also linked to the development of Renewable Energies (REN), illustrated in particular by the DUALSUN with its new finned hybrid capture – simultaneous photovoltaic and thermal – Spring4 425 TOPCon from COLORBLAST, a new printable photovoltaic panel from GLASS PARTNERS SOLUTIONS. This electrification of usage is even reaching sanitary ware: we no longer pull to flush, or turn a tap; instead a touch-sensitive button operates an electric motor that activates the outflow (Presto Linea Touch from PRESTO, Siamp Click to flush from SIAMP, the Cox Open Click basin mixer tap from PAINI). Other examples of bathroom electrification: the Campaver Bains electric blower towel drier radiator from CAMPA (GROUPE INTUIS), or AIDAL's shower wall with integrated LEDs. Elsewhere, INSTAGRID's Instagrid One, categorized as Construction Tech®, is an electrical power supply able to replace generators up to 5 KVA.

2 - In the same way as electrification of applications, all sectors are pushing for the **use of materials that are biosourced and/or are re-used**. In bathrooms for example, for its Jouvence vanity unit DECOTEC uses Solid Surface, a material derived from processed scallop shells. In interior decoration, recycling is strongly represented with the Block Art panel from GEPLAST, Refab floorboards from ARTEPY produced from recycled plastic, HOME INTERNATIONAL's Piano acoustic panel produced from recycled plastic bottles, etc. Bio-based or geo-based materials are found in MClay from MICROCRETE, or a clay-based wall covering, Stonepanel from CUPA PIERRES DISTRIBUTION, an exterior wall panel in natural stone. In major finishing works, bio-based insulation reigns supreme: BIOFIB ISOLATION offers their Biofib' Chanvre; Lanaé, the new glass fibre from SAINT-GOBAIN ISOVER, is manufactured in France from 50% recycled glass and a bio-based binder; Style from SEMIN is a blown insulation material produced from recycled textile fibres. For major works, the TopDalle Eco+ horizontal panel system from ALPHI is produced from 75% recycled aluminium.



3 – **Improved energy efficiency** to reduce electricity consumption is also found in numerous sectors. Starting with frames and closures, increasingly popular is operation by electric motor powered by photovoltaic cells installed on the outside of a building - such systems are becoming the standard solution for renovation: Solozip Solar from GRIESSER, Topfix Solar from RENSON VENTILATION SA, RS100 Solar io from SOMFY. For Climate Engineering, while the seasonal performance of heat pumps is increasing year-on-year, this time GREE PRODUCTS France (multisplit Free-Match ATW Marina) and MIDEA (multisplit Midea CirQ HP) are introducing a new feature to domestic models, with the recovery of heat removed during cooling being used to produce free domestic hot water while the equipment operates in cooling mode. In Off-Site, BIOMESPACE is pushing the rationale of energy efficiency to the limit by offering a modular habitat that is self-contained for water and energy, needing no connection to mains supplies. For major works, Thermosteel from PERFISA SA is a profile developed for lightweight steel construction, which limits heat loss using slots distributed to increase heat transfer toward the coldest parts. R'Booster from AIR BOOSTER reinvents the parietodynamic effect to achieve up to 83% reduction in heating energy.

4- **Products and systems designed for re-use** Facilitating re-use starts with product design. For example, NPS Flex® from TECNOSTRUTTURA SRL, in the Construction Tech® category, is a complete composite solution in steel and concrete designed to be disassembled and re-used.

The second global trend is the effort to improve working conditions and protection from construction site hazards, while at the same time increasing productivity.

This trend naturally leads in Construction site Machinery and Tools, in particular the Liftroller Wall from LIFTROLLER AS, the exoskeleton presented by FESTOOL (Construction Tech), Top'Up from SGB HÜNNEBECK, a mechanisation solution for their Topec horizontal formwork system, to the "Klemmband AT" hinges from DR. HAHN GmbH & Co. KG (Frames and Closures), the Rapido built-in shower from GROHE (Bathrooms), a frame for a built-in shower, Isol-Arc from LAYHER which protects against the impacts of an electric arc on scaffolding etc. Placo® Plume 13, the lightened plasterboard from SAINT-GOBAIN PLACOPLATRE, weighs up to 6 kilos less (a reduction of around 20%) than the Placoplatre® BA 13 panel. It is aimed at the individual homes market and private areas of apartment buildings. Performance is guaranteed by ATEx No. 3193\_V1. The majority of solutions for improving working conditions simplify tasks while simultaneously improving productivity.

Meanwhile, the third trend, closely linked to the second, is the **growth of digital**. Digital cuts across every product category and is appearing in sales tools, calculation and simulation, site management and procurement, and ever more in solutions to assist with repetitive administration tasks. Stand-out simulation software include Spark Digital Showroom (Bathrooms), Epicor CPQ from ITCELERATOR (sales tool using 3D simulation), and Envelop3D IA 2024 from PROCAL which designs and optimises façades with claddings.

BOBY is certainly the most surprising administration assistance software offered this year: multilingual, just talk to it and it will produce a quotation. Report by Extrabat from EXTRABAT is a database that produces analyses and reports under the supervision of the site manager. GME 3 Clics from the CAPEB is a secured application that allows tradespeople to group informally so they can continue to access building markets that require collective bids (energy renovation, accessibility, new build etc.) The connected testo 565i vacuum pump from TESTO is used with other products from the range (pressure gauges, connected scale, automatic valve, vacuum meter etc.) to automate the process of refrigerant handling. On major works, the GEPO calculator (Optimised Plot-based Rainwater Management) offered by ECOVEGETAL simulates different solutions offered by ECOVEGETAL to achieve the absolute minimum waste of rainwater.

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\*organised by SAFI, a subsidiary of RX France, and Ateliers d'Art de France

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\*Note: Current market capitalisation can be found at: <http://www.relx.com/investors>