

Contents



Next: the annual event for inno	Э

Next: the annual event for innovation in construction	3		
Vision Committee: 10 megatrends for the Belgian construction sector			
Building the future together	8		
A new, more modern and more transversal internal organisation for greater impact!	10		
Ambitions and achievements	12		
Business management: the key to your company's success!			
Renovision Festival Tour: Buildwise inspires 1,350 contractors!			
Your daily needs and challenges are our priority!	16		
Green revolution in construction is a fact!			
Digitalisation is transforming the construction sector!	20		
Statutory bodies	22		
Technical Committees and Vision Committee			
Corporate social responsibility			
More figures			



Next Report 2024

Next: the annual event for innovation in construction

The construction sector is undergoing major changes, both nationally and internationally. This profound transformation is essential if we want to respond to the new needs of our customers but also to the societal challenges of today: sustainability and the reduction of environmental impact, climate resilience and the construction of adaptable and affordable housing.

The survival and profitability of businesses are also at stake. The idea of 'business as usual' is constantly being called into question in order to increase their efficiency. The advent of new technologies has opened up unexplored horizons that go beyond the mere execution of work. New markets are opening up for companies and in order to conquer them, we need to revolutionise our sector and convert these challenges into opportunities. And we need to be bold and committed in the process – on every level!

On the back of its programme 'Ambitions 2025' and past achievements, and guided by its Technical Committees, Buildwise is looking ahead to the future with confidence. Based on the analyses by the Vision Committee which studied the 10 megatrends for the future and their impact on the (Belgian) construction sector, Buildwise and its partner KPMG underlined the importance of working in an 'ecosystem'. This way of working calls for close interaction with all stakeholders to produce valuable goods or services that meet the requirements of customers, who are part of the ecosystem themselves. The goal is to work together to achieve economies of scale and thereby increase efficiency. The current sequential and fragmented approach needs to make way for an approach that links the design, construction and use phases of buildings more intelligently. This fundamental change must encompass the whole value chain and involve all actors. Every construction professional needs to be able to break through the boundaries of their profession and company to become an indispensable partner in the global ecosystem. Adapting to this new way of working is undoubtedly one of the greatest challenges for the future.



Societal challenges and the new market reality call for a profound transformation of the sector.



That is why the idea of working in an ecosystem is the central theme of this first Next event that we are organising together with our partners Embuild, Bouwunie and Constructiv. We want to join forces to support the ambitious transformation of the sector.

This event also provides the ideal opportunity to celebrate the 65th anniversary of Buildwise and to pay tribute to Johan Willemen for his nine years as chairman. During that period, he has constantly promoted innovation and bold changes, with the aim of reducing failure costs, improving the profitability of businesses and increasing the efficiency of the construction process. The theme of this first edition of Next therefore fits in perfectly with his commitment and vision.

With Next, we are also going on a 'Connection Tour' to present this pragmatic initiative to contractors and installers. After the summer, we will be criss-crossing Belgium along with our partners in order to meet contractors and see how they can improve their profitability by working together more closely. For together we are stronger and can go further!

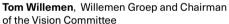
Next Report 2024

Vision Committee: 10 megatrends for the Belgian construction sector

In spring 2023, the Vision Committee presented a comprehensive analysis of the Belgian construction sector carried out by consultancy firm KPMG. That analysis led to a report which identified 10 megatrends (trends that will define the coming decade) and 5 potential implications. This should encourage our contractors and installers to start proactively adapting their activities and practices right away!



Digitalisation, sustainability and employee skillsare no longer merely buzzwords but rather essential aspects that form the basis for the transformation of our sector in the medium and long term. We need to take the initiative and not just look on passively!







10 megatrends

	The continue to a continue to the continue to
War for talent	The construction sector will have to compete in the 'war for talent' to address the shortage of competent staff.
Digitalisation	Now more than ever, digitalisation is an important lever for working mor efficiently, quicker and in a more customer-friendly way.
Industrialisation	Major industrialisation within the construction sector will make construction more affordable and improve quality.
More intensive collaboration	More intensive collaboration between 'construction teams' is being use as an answer to the complexity of the construction process.
Focus on sustainability	Climate awareness, ambitious objectives and extreme weather conditions have increased the focus on sustainability.
Alternative forms of housing	Demographic evolutions are forcing the construction sector to think about (alternative) forms of housing.
Legal complexity	The legal (statutory) framework within the construction sector is becoming increasingly important and complex.
Focusing on the customer	The higher expectations of customers are making the construction sector act in a more customer-centric way.
New business models	The current role of certain companies within construction projects will change, forcing to overhaul thoroughly the business model.
Logistical innovation	The breakthrough of new strategies in the logistics chain is needed more than ever for greater efficiency and security.

Transition to processdriven construction Digitalisation and standardisation will optimise and simplify the construction process, increasing efficiency and effectiveness and reducing failure costs.

2

Development of new markets

Trends and evolutions within and beyond the sector will lead to new opportunities for construction and installation companies, which may include the application of new business models.

3

Evolution of the value chain

Shifts in the value chain will lead to changes in the roles and responsibilities of construction and installation companies and new expectations in terms of skill requirements.

4

Ecosystem thinking and co-creation

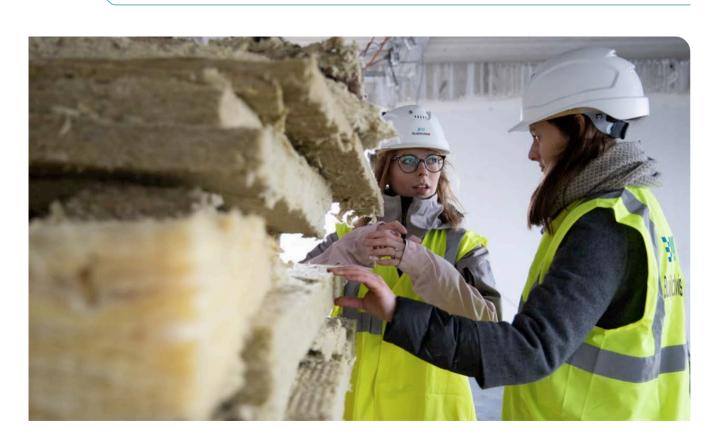
Construction and installation companies need to look beyond the boundaries of their own business and individual projects and enter into co-creations within and beyond the value chain.

5

Encouraging long-term thinking

Having a clear long-term vision will give companies the flexibility they need in order to easily handle unforeseen events in the future.









We currently take a digital approach from quotation to production with the aim of going paperless as much as possible in the future. Accuracy and efficiency are of essential importance in industrialisation but it also brings challenges for personnel. Further training is needed and sometimes they also need to be reassured or convinced.

Luc Mohymont, EMAC Belgium



As an SME with around 30 FTEs, we have found organic growth to be a challenge due to the shortage of skilled workers. That is why we are going to forge alliances with similar companies to increase our geographical spread and enable us to make purchases more cost-effectively.

Pedro Pattyn, Pattyn Albert & Cie NV



We are striving to make sustainability more affordable by making the whole preparatory phase run as efficiently as possible and not endlessly sending e-mails back and forth to the customer.

Wim Pieters, CIRCL



Our traditional ecosystem is still strongly based on a top-down approach: the customer formulates their requirements, the designer produces a design, the contract is awarded based on the lowest price and shortest possible lead times and then construction is carried out in the hope that the customer's expectations will be met. But what if we could work in an environment that created real value? By switching from linear thinking to transparent chain integration, we can easily swap the barren desert for a lush jungle.

Wim Straetmans, Kairos & BAM Interbuild



Next Report 2024

Building the future together

The Belgian construction sector is faced with significant challenges, some of which are still being reinforced by recent crises like the war in Ukraine and the nitrogen saga. These challenges include climate change, the renovation challenge, the shortage of energy, resources and manpower, complex regulations, uncertain and lengthy procedures for building permits, high failure costs, low productivity, etc. These factors increase construction costs considerably while the financial resources of customers - especially where housing is concerned - are under pressure. It is therefore clear that a fundamental shift is required in how construction projects are approached and carried out, focusing specifically on optimising the process through collaboration.

The construction sector needs to change from a traditionally fragmented and project-oriented approach to an ecosystem that facilitates cross-company collaboration.

8

This ecosystem has to bring different actors together, including customers, manufacturers, architects, engineering firms, contractors and facility managers in order to tackle the challenges effectively and deliver added value for all parties involved.



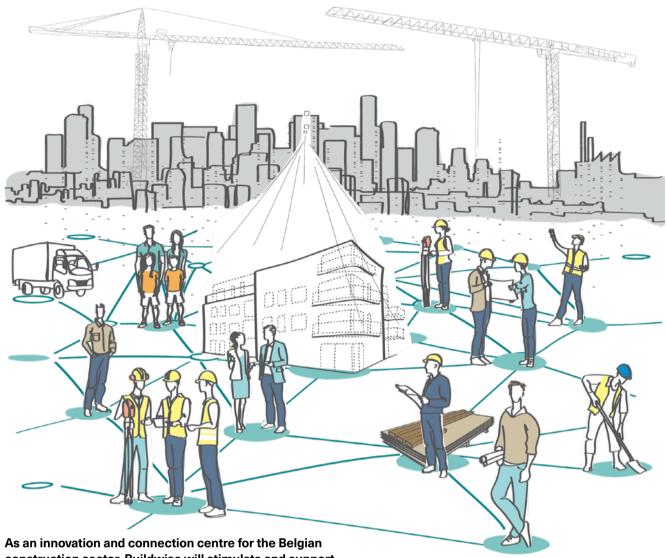
This collaborative approach will provide promising opportunities for the construction sector such as:

- cooperation and mutual interactions can facilitate the development of new knowledge and skills which will quickly lead to greater productivity
- the sharing of knowledge and joint innovation can accelerate the development and adoption of new products, technologies and processes in the value chain

- through collaboration, processes can be streamlined and unnecessary efforts or practices that provide no added value can be avoided
- by working together on the digital transformation, all construction partners can contribute to greatly improve project management, quality and cost management. This is already being illustrated by the application of BIM, the integration of smart sensors and the sharing of information via digital procedures for building permits and material, product and building passports
- delays can be avoided by optimising and coordinating the supply and logistics chains.

Collaboration initiatives promote the adoption of sustainable construction practices such as circular construction, reducing the consumption of raw materials and the production of waste. The increasing use of sustainable materials and building techniques is not just good for our planet, it also increases the long-term value of construction projects and the components used within them.

An important prerequisite for the success of joint ventures is the creation of a culture of trust, transparency and joint efforts to achieve shared goals. This will require a shift in the mindset of all parties involved: from focusing on individual interests and contractual obligations to an understanding of shared responsibility and collective value creation. This will not only lead to fewer conflicts and misunderstandings but also to a stronger, more unified construction ecosystem capable of taking on the complex challenges of today and tomorrow.



As an innovation and connection centre for the Belgian construction sector, Buildwise will stimulate and support this transition. The ways in which we will do that include:

- encouraging transsectoral and transdisciplinary collaboration with knowledge institutions and key actors from the value chain
- exploring, developing and demonstrating industrial and circular concepts that provide added value for the construction value chain
- optimising logistics processes through the use of supply hubs, for example
- providing information that promotes symbiosis in the production of construction materials, products and systems and engaging in urban mining, recycling and the reuse of construction materials
- actively collaborating on digitalisation and data management within the sector in order to promote the exchange of information and the communication between all parties and provide added value for all stakeholders in the construction process (from permitting authorities to building managers or owners)
- expanding and fine-tuning contractual and construction team models, together with professional organisations, so that all parties are involved from very early on in the project.

The Belgian construction sector is at a crossroads and the way forward requires a profound change in the approach to and implementation of projects. Through increased collaboration, both within and outside the sector, not only can the Belgian and European construction industry overcome current challenges, but it can also play a leading role in the transition to a more sustainable, efficient and innovative society. The success of this approach will depend on the commitment and willingness of all stakeholders to embrace new collaborative ways of working and thus set a new standard for the construction of tomorrow. Let's tackle this together, today, for a better future!

Annual Report 2023

10

≋

A new, more modern and more transversal internal organisation for greater impact!

We are at a crossroads where we must combine our efforts in order to meet the challenges facing us today. Whether it is about reducing environmental impact, integrating new technologies or keeping housing affordable, all these require a bold, sometimes disruptive approach. Our mission is to turn today's challenges into opportunities and shape a sustainable future.

2023 was marked by our new name, a symbol of our DNA and our ambitions to give contractors more added value. From now on, we are an innovation centre that aims to further strengthen its connecting role within the sector. Passing on our knowledge and skills across the various disciplines and ensuring that they are adopted on construction sites and within businesses will pave the way for innovation and modernisation within the sector.

Practice what we preach!

We are committed to making these principles central to our internal structure: promoting transversality in order to combine the best of the various disciplines and continuously focusing our actions on the customer. The challenges of the sector, and especially our member contractors, are what steer our research and service activities. Communication and application on site must

form part of all our projects. In order to achieve this goal, we fundamentally overhauled our organisation in favour of a more matrix-oriented and agile approach that allows scope for initiative and collaboration to ultimately have greater impact for the sector and construction companies in particular.

Our attention was focused on accompanying and supporting this transformation throughout 2023. The successes achieved are testimony to the commitment and high level of multidisciplinary expertise of the Buildwise workforce, who remain in touch with the on-site reality thanks to the work of the Technical Committees. In this way, the sometimes very specific needs of the different construction trades are systematically taken into account in our actions and when determining our goals.

Buildwise is now a name but above all an ambition and an organisation for realising that ambition!



Olivier Vandooren CEO Buildwise





Bring about concrete changes on construction sites within companies through training, events, demonstrations and both technical and organisational tailored advice.

Jörg Wijnants, Customer Experience Director



Innovate through research and development and through multi- and transdisciplinary collaboration with external stakeholders to guarantee the fast and effective application of knowledge within the construction sector.

Noël Huybrechts, Chief Research & Development Officer





Commit to operational efficiency, the well-being of our employees and reducing the impact of our buildings and activities on the planet.

Benoît de Walque, Chief Administration Officer



Take the right actions as part of a transversal collaboration dynamic so that the contractor can take on current and future challenges, and stimulating innovation within the sector.

Sofie Oosterlinck, Chief Strategy Officer





Position IT not just as support but also as a crucial driver of innovation and transversal collaboration, especially in connection with data and Al.

Pieter Van Geite, Information Technology Director





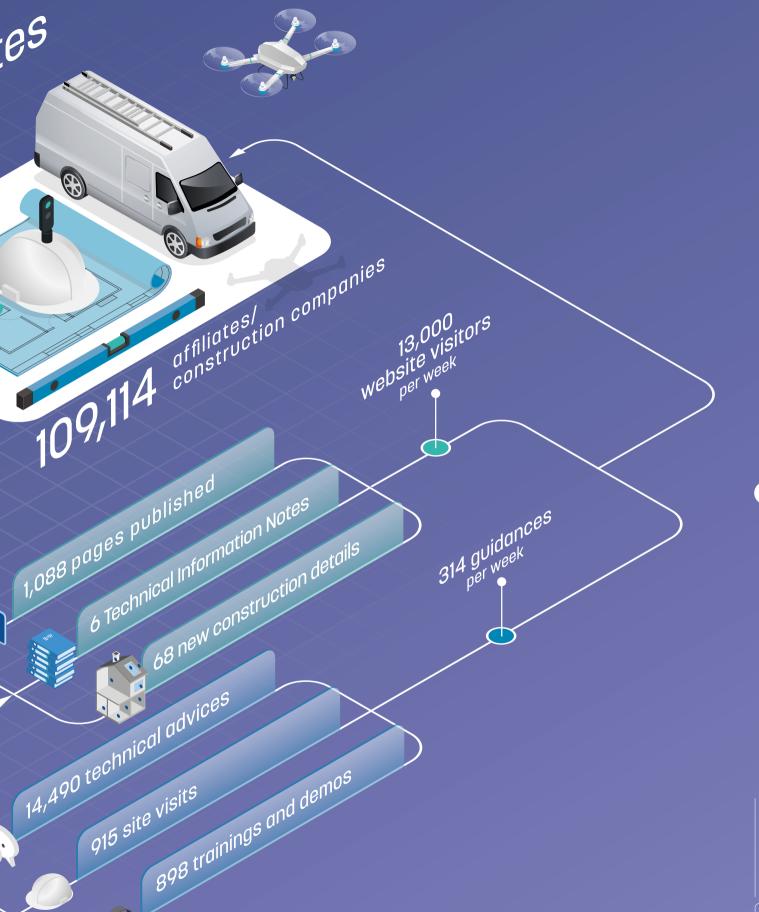
Personalise and improve the way we disseminate knowledge in order to meet the diverse needs of contractors and installers and contribute to the application on site.

Yves Martin, Communication Director



11

12



Business management: the key to your company's success!

The construction sector went through various crises which put businesses' financial health at risk. The coronavirus crisis, supply problems and the energy crisis led to record inflation. For instance, some contractors saw their site costs increase by 20% in a matter of months.



A well-thought-out financial structure and a good internal organisation are essential for the survival of any construction company.

The solution is to closely monitor the evolution of your margins and take these into account when managing your business (quotations, invoicing, ordering, etc.). Besides the technical aspect which is important for the quality and durability of works, the organisational aspect has never been more crucial for the survival of businesses.

To prevent this inflation crisis resulting in a financial disaster for contractors – and for SMEs and sole traders in particular – Buildwise provides a topical magazine and a number of tools.

RevTool

This tool allows you to:

- check the evolution of prices of materials, wages and energy with the help of customisable graphs
- apply the commonly used price revision formula based on the wage index (s) and materials index (imat)
- use a detailed revision formula which corresponds to the specific characteristics of your activities.

Cpro

Cpro is a free online calculation tool for preparing quotations, invoices and post-calculations for smaller construction companies. The tool contains a number of example projects per building trade to help contractors get started with preparing their first digital quotation.

Interested? Go to cpro.buildwise.be now.

Planning templates

Buildwise provides planning templates in MS Project for the management of:

- bigger projects with a lot of activities
- multiple smaller projects with a limited number of tasks
- Design & Build contracts.

Discover all our tools





Renovision Festival Tour: Buildwise inspires 1,350 contractors!

In September 2023, Constructiv and Buildwise, in partnership with Embuild and Bouwunie, invited contractors and installers to attend the Renovision Festival Tour. After a period of mainly online meetings, training and events during and shortly after the COVID pandemic, it became clear that there was a need to meet in person again in a relaxed atmosphere. The Renovision Festivals came at the right time as no less than 1,350 contractors signed up to attend! The theme of 'energetic renovation' was therefore highly topical, with plenty of challenges and opportunities for the sector.

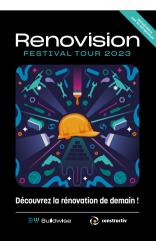


The Renovision Festival Tour came at the ideal time after COVID and was so successful that it was quickly decided to repeat the initiative in 2024.





Each festival (9 throughout Belgium) started with a short plenary session during which Constructiv and Buildwise explained their services. Renovation work is often more complex than new construction. Delivering high-quality work therefore calls for specific expert knowledge, making Buildwise and Constructiv the ideal partners.



The contractors and installers were also given a chance to speak, giving personal accounts of the problems they face on a daily basis and how they resolve them. Topics such as the shortage of staff in the construction and installation sector, handling increasingly demanding customers within a tighter budget and rising costs were all covered!

The Tour also gave Buildwise the opportunity to highlight its new name as well as its renewed objectives, namely to encourage innovation through collaborations from various fields of expertise. The focus is even more on creating impact among businesses so that their productivity improves and failure costs are reduced.

After the plenary session, the attendees were able to visit the stands and get information on digitalisation, lean construction, construction details and more. The stands were set up interactively so that new technologies could be tested at the event and construction details were illustrated using life-size models. The 'Renocheck' tool, that enables the existing situation to be mapped for renovation work to improve planning, was also demonstrated.

Finally, the attendees were able to network in a social environment in the street food plaza. The Renovision Festival Tour was such a success that the joint decision was made with the partners to repeat the initiative in 2024, perhaps with a new theme.

⊜ M

Your daily needs and challenges are our priority!

Buildwise has evolved from a research centre to an innovation centre, with the aim of enriching the construction sector by spreading its knowledge and innovations. Our research is guided by Technical Committees composed of contractors and other construction professionals, with the aim of addressing companies' technological and organisational challenges.



Passing on knowledge to the sector will pave the way for innovation on the construction site

Examples of key projects include the research project FLOOD which is developing guidelines for construction in flood areas and DEEPCRETE which is focusing on the quality of concrete diaphragm walls. Our leading role in the advancement of geotechnical techniques is reflected by the creation of the first Technical Approvals for foundation piles and the publication of TIN (Technical Information Note) 287 on the stability of work platforms for foundation machines.

Evolutions relating to energy performances require new approaches for the installation of windows, which led to the publication of TINs 286 and 288 on the installation

of joinery. We also developed a tool for calculating the U value of windows as well as numerous construction details which are available in our Construction Details Database.

Innovation means turning today's challenges into tomorrow's solutions

At the same time, we have been researching the benefits of bio-based materials via projects such as <code>BardaFire</code>. This project made it possible to present an untreated timber façade cladding that meets fire safety requirements. The aim of the <code>BIOSONO</code> project is to characterise the acoustic added value of natural insulating materials (such as flax fibres and textiles) by means of a pilot test campaign.





Passing on knowledge to the sector will pave the way for innovation on construction sites and within com-

panies.

A solution to every problem!

The colleagues from the 'Customer Service' team help construction companies and professionals by providing tailored advice. In 2023, no less than 14,490 technical advices were given and 915 construction site visits made in order to resolve technical problems and queries in connection with construction works.

18

Green revolution in construction is a fact!

Circular innovations in the construction sector: from concrete to timber construction

Circularity in construction involves looking for solutions to resource shortages, waste mountains and climate challenges. Fully committed to reuse, the FCRBE project launched handy guides and tools in 2023, including a network of partners for reuse, a product guide, a standard inventory method and pilot projects.

Concrete – the most commonly used building material in the world after water – has a significant ecological footprint. The Concrete Circularity Center project is closing the gap between theory and practice where circular concrete is concerned. On the same theme, the PIONEERS project is exploring the possibilities in construction engineering for reusing sand excavated from construction sites in concrete for maritime applications. Finally, Buildwise has been evaluating new Belgian cements in order to get them onto the market quicker, for example through the NEOCEM prenormative study that aims to demonstrate the specific suitability for use of new ternary cements.

Also with a greener construction sector in mind, Buildwise has been developing suitable applications and implementation methods for timber construction and biomaterials. Within the RECURWOOD project, WOOD.be and Buildwise have been working together with the aim of effectively passing on knowledge and innovations relating to timber construction practice to the market.







The contractor will play a key role in sustainable solutions for circular construction, climate adaptation, renovation and energy transition of our buildings.

Water-conscious construction: sustainable solutions against drought

With the drought problem in mind, the WBB (Water-conscious Construction) project is focusing on the principles of the trias aquatica through efficient use of water and water conservation (1), circular water use (2) and collective infiltration of rainwater (3).

Climate-neutral living: tools and innovative ventilation systems

To achieve the 2050 climate goals, the annual renovation rate for existing buildings needs to increase to 3%.

By developing tools such as RenoCheck, Buildwise has shown its strong commitment to this with its aim of transforming buildings into 'virtually energy-neutral' homes.

Technical installations are also essential for the transition to climate-neutral living. Innovation Paper 41 on innovative ventilation systems in renovations is the result of applied research and simulations within the Living Labs Brussels Retrofit, Prio-Climat and Modul'air projects.

Integration of heat pumps in existing homes

The decarbonisation of the building stock – with the phasing-out of fossil fuels - is ongoing. While heat pumps are a logical choice for new buildings, this changeover is less evident in the case of phased renovations or recently changed heating systems. That is why the Heat4Transition project is focusing on integrating heat pumps in existing homes with traditional boilers.

Digitalisation is transforming the construction sector!

The purpose of the Digital Deconstruction project is to investigate how digitalisation can promote the circular economy. The development of an innovative digital system that integrates various digital tools will make decision-making easier and can help determine the most sustainable and cost-effective strategy for demolition and reuse. That way, the most polluting sources can be reused, significantly reducing CO₂ emissions. Within this project, Buildwise documented numerous case studies and has actively shared this knowledge with the Belgian construction sector via workshops and demos.



New technologies for greater comfort and efficiency

The aim of the STEEV project is to optimise connected solutions in the technical installations in homes and SMEs. The project is taking down known barriers by focusing on the structuring of information, the dissemination of knowledge and increasing understanding and confidence among installers. For instance, demonstration units have been set up in the Buildwise Experience Centres.

Optical fibres to make structures more sustainable

For more than a decade, Buildwise and KU Leuven have been researching optical fibre monitoring, an efficient technology that has yet to see a major breakthrough within the construction sector. With an increasing focus on sustainability and innovation in construction processes, the need for advanced building monitoring and quality control has also increased. The aim of the OVmonitoring project is to increase knowledge of and confidence in optical fibres technology. The project resulted in validation tests on concrete beams and a handbook, a quick start guide, webinars, articles and demo videos to disseminate knowledge of this technology.



Encouraging the adoption of digital technologies

In 2023, Buildwise committed to the large-scale operation of the Buildwise Experience Centre in Zaventem and the inauguration of the centre in Limelette, in the presence of minister Willy Borsus. In addition, EDIH-CONNECT enables Buildwise, together with its partners, to help construction companies adopt digital technologies individually. Moreover, the Dig'Easy project supported and encouraged digitalisation within production companies in the timber sector. One of the most important results was the development of a tool to help companies based on their personal needs.

BIM: the key to better collaboration between partners

Like other technologies, BIM (Building Information Management/Model) offers many possibilities, even if being able to make the most of it still presents challenges. The BIDS prenormative study has standardised the way that information is exchanged at a national level while taking account of European standards. Buildwise and CRTI-B (Luxembourg) joined forces and created an online platform with shared rules on exchange. This has made it easier to use BIM for exchanging information, while also increasing efficiency when doing so.

Statutory bodies

As decided during the meeting held on 29 November 2022, the current number of mandates will be divided between four bodies from now on, due to the mandatory revision of the statutes. The compositions of these bodies were proposed and approved as follows:



General Council and General Advisory Council

Chairman: J. Willemen

Deputy Chairmen: J. Lembrechts, T. Scorier, L. Mohymont

Honorary chairmen: J. Gheysens, R. Lenaers Honorary Director-General J. Venstermans

Members: G. Baert, Y. Biesmans, M. Bonten, R. Collette, P. Cuppens, A. De Cesco, B. De Malsche, N. De Smet, P. De Stobbeleir, B. De Sutter, G. De Vlaminck, J. Debuf, N. Demeester, H. Demeyere, V. Detemmerman, M. Diku Biduaya, O. Eugène, S. Faignet, B. Georges, B. Heiderscheidt, D. Hellemans, B. Hilami, R. Hinnens, D. Holemans, G. Jansens, S. Kaye, E. Keijers, K. Kempeneers, C. Maes, S. Magnée, G. Mahaux, O. Maréchal, S. Maris, H. Michot, K. Neyrinck, P. Pattyn, C. Peeters, J. Pérard, D. Peytier, B. Piron, J. Polet, M. Roovers, B. Schrevens,

W. Simoens, W. Straetmans, C. Suarez, P. Suys, B. Tasiaux, M. Thérer, V. Van Esbroeck, J. Vandycke, F. Verkest,

E. Vigoureux, N. Vromant, J.-P. Waeytens, D. Wattel **Observers:** A. Gillin, L. Van de Loock **Auditors:** J. Lembrechts and B. Tasiaux

Company auditor: HLB Dodémont-Van Impe & C°

Standing Committee and Standing Advisory Committee

Chairman: J. Willemen

Deputy Chairmen: J. Lembrechts,

T. Scorier, L. Mohymont

Members: R. Collette, A. De Cesco, N. Demeester, G. De Vlaminck, K. Kempeneers, V. Lausier, K. Neyrinck,

P. Pattyn, B. Piron, J.-P. Waeytens **Observers:** A. Gillin, L. Van de Loock

Annual Report 2023

Technical Committees and Vision Committee

The activities of Buildwise are guided by a Vision Committee and fifteen Technical Committees. While eleven of them directly represent a specific construction trade and are composed primarily of contractors, the others focus on subjects of interest to several trades. In order to guarantee this bottom-up approach, each Committee defines the activities that will be carried out in the following year, via work plans submitted to the Buildwise Standing Committee for approval.



Chairman: T. Willemen

Members: P. Carels, D. Cartage, C. Deiteren, N. Demeester, K. Dethier, I. De Bruyne, T. De Wever,

H. de Troostembergh, M. Dillen, P.-A. Franck, J.-P. Geerts. H. Kempeneers, C. Lhoste, M. Moens, L. Mohymont,

K. Neyrinck, Y. Renier, T. Scorier, W. Straetmans, P. Suys, O. Taspinar, F. Tourné, K. Vande Voorde, T. Vandenbergh,

J.-C. Vanderhaegen, T. Van Put, J. Venstermans,

H. Verboven, F. Verstraete, A. Waha

Buildwisers: K. Caubergs, B. Ingelaere, S. Oosterlinck,

O. Vandooren, J. Vyncke



Rough Structure and General

Chairman: X. Braet

Members: K. Andries, J. Bosmans, L. Courard,

C. De Cesco, G. De Schutter, P. De Vylder, J. Deceuster,

F. Demeulemeester, R. Dhuyvetter, T. Eeckhaut,

B. Geentjens, P. Goetinck, J. Govaerts, C. Grancitelli,

M.-L. Heyndrickx, P. Heyns, P. ibens, S. Kaye, F. Lederer,

J. Maertens, F. Marchand, A. Parewyck, P. Pirotton,

S. Scharlaken, M. Seculier, T. Spapens, R. Van Acker,

D. Van Campenhout, T. Van Put, E. Vandewiele,

A. Vermeyen, J. Willen

Engineers-leaders: V. Dieryck, N. Huybrechts

Adviser: A. Van der Auwera



Paintwork, Flexible Wall and Floor Coverings

Chairman: P. Pattyn

Members: G. Baert, J. Brys, C. Callandt, P. De Roo, J. Debuf, B. Dethune, E. Fleurinck, L. Gailly, P. Noe, D. Petta, M. Van Den Branden, D. Van Kerckhove, D. Van Tricht, L. Vanrenterghem, T. Vrambout, J. Watteyn, A. Wurman

Engineers-leaders: E. Cailleux, T. Haerinck

Advisers: K. Janssens, T. Rondou



Heating and Climate Control

Chairman: D. Peytier

Members: P.-Y. Badot, W. Beeck, M. Blondiau, L. Brees, L. Dedeyne, S. Demeyer, M. Fatzaun, G. Gronsfeld,

E. Maertens, J. Mampaey, L. Mehaudens, W. Neuville,

C. Nonneman, J. Nouwynck, A. Palumbo, I. Piette,

F. Santucci, D. Smet, J.-P. Somers, M. Therer,

K. Van Campenhout, P. Van Rompaey, V. Vancaeyzeele, E. Vandenbosch, K. Vanlancker, W. Vanmeert, K. Wuyts

Engineers-leaders: P. Van den Bossche, X. Kuborn

Advisers: I. De Pot, R. Durvaux



Hard Wall and Floor Coverings

Chairman: G. Mahaux

Members: M. Bauters, T. Beernaert, B. Broekaert, D. Crombez, B. De Pauw, G. De Smet, J. De Smet. P. De Stobbeleir, D. Dhaese, P. Dresse, S. Hens, P. Holderick, M. Keulen, G. Langeraert, N. Liessens, A. Mahaux, M.-M. Mennens, F. Miesse, P. Noe, W. G. Pardon, G. Ponzo, B. Roten, B. Royaux, J. Storms, K. Stroobants, J. Strypsteen, A. Tandt, D. Thibaut, C. Van De Velde, P. Van Erp, D. Van Kerckhove,

E. Van Rumst, L. Vandewiele

Engineers-leaders: T. Vangheel, E. Nguyen Advisers: M. Van Beneden, J. Van den Bossche



Glazina

Chairman: J. Jacobs

Members: : A. Cassauwers, G. De Landtsheer, L. Delvoie, D. Dequidt, J. Devilers jr., J.-D. Fontaine, T. Hens, T. Laurens, G. Martens, M. Martinez, T. Meyers, A. Minne, R. Nokerman, F. Symoens, J. Verschueren Engineers-leaders: F. Caluwaerts, V. Detremmerie

Advisers: R. Durvaux, L. Lassoie

Annual Report 2023



Chairman: Y. Biesmans

Members: G. Adams, S. Baelen, F. Belin,

H.-C. Boulanger, F. Coninx, J. Coumans, C. Coussens, H. De Schepper, K. Derde, M. Kersschot, P. Kerstenne, K. Mangelschots, V. Mestdagh, H. Michot, J. Moens, R. Naert, G. Puystjens, Y. Rosier, E. Schomus, L. Steen, S. Terryn, M. Tijtgat, P. Van Acker, L. Van Audenhaege, D. Van Genechten, D. Van Kerckhove, P. Van Rysseghem,

P. Verbrugghe, M. Wagneur, K. Wienen **Engineers-leaders:** E. Mahieu, E. Noirfalisse

Adviser: D. De Bock



Roof Coverings

Chairman: C. Vandermosten

Members: F.-X. Bocage, F. Cauwelier, J.-F. Crohin, S. Daelman, X. Dassonville, C. Degreef, S. Dupuis, G. Derde, P. Donner, Y.-M. Dron, M. Dubois d'Enghien, J.-F. Fontenoy, D. Laroy, T. Lesenfants, L. Mauën, B. Menu, M. Molens, F. Paulis, B. Rahier, P. Segers, L. Steen, C. Suarez, A. Thierens, M. Van Geit, J. Van Leeuwen, N. Vander Putten, A. Vanhove, C. Vantaelen, R. Vignix, D. Wattel, L. Zanussi Engineers-leaders: D. De Bock, E. Noirfalisse

Adviser: L. Geerts



Sanitary and Industrial Plumbing, Gas Installations

Chairman: P. Deweer

Members: V. Cazier, B. Claessens, S. Creffier, S. De Lille, M. Decat, D. Déom, J.-P. Geerts, G. Gronsfeld, S. Lefever,

E. Maertens, F. Santucci, Y. Simar, D. Smet,

K. Van Campenhout, C. Van Dinter, P. Van Rompaey, K. Wuyts, W. Beeck, K. Beenaerts, L. Dedeyne,

C. Nonneman, D. Peytier

Engineers-leaders: B. Bleys, V. Jadinon

Adviser: I. De Pot



Joinery

Chairman: W. Simoens

Members: J. Andries, A. Cassauwers, R. De Cort, R. De Schepper, J. De Wyngaert, C. Decaesstecker, H. Frère, J. Geebelen, P.-J. Simoens, S. Suys, N. Van Hee, D. Van Kerckhove, W. Van Overstraeten, W. Vanbrusselen, F. Vanholst, M. Vanzurpele, J. Verniers, D. Versluys Engineers-leaders: F. Caluwaerts, V. Detremmerie



Stone and Marble

Chairman: S. Maris

Members: A. Abraham, J. Abraham, R. Baugnies, F. Belli, C. Bertola, K. Callebaut, G. Claerbout, J.-P. Cnudde, V. Cnudde, A. Demesmaeker, P. Dethier, J. Elsen, A. Fontaine, P. Goegebeur, E. Latour, G. Legein, M.-M. Mennens, B. Misonne, R. Pauwels, S. Renier, J. Spinato, G. Van Gucht, K. Vandenneucker, B. Wauters

Engineer-leader: D. Nicaise

Advisers: M. Van Beneden, J. Van den Bossche



Chairman: D. Verhaegen

Members: P. Beaujean, J. Beke, B. Broekaert, P. Cherchye, J. Coose, O. Cremer, E. De Bolster, R. De Haes, C. Denayer, M. Dutry, J. Govaerts, J.-Y. Huberty, S. Jamar, M. Meert, M. Oldyck, U. Peter, J. Schalley, I. Segers, H. Spoormakers, J. Storme, A. Tandt, P. Thomas, D. Van Kerckhove,

W. Van Lancker, C. Van Loock, I. Vandendael, V. Verachten, S. Verhoeven, G. Veys, M. Veys, N. Vromant

Engineer-leader: Y. Grégoire **Advisers:** S. Korte, M. Lignian



Chairman: M. Ruebens

Engineers-leaders: L. De Geetere, X. Loncour,

Y. Martin, J. Van der Veken

Advisers: A. Acke, G. De Raed, J. Goovaerts, M. Lignian



Chairman: M. Ruebens

Members: V. De Meulenaer, L. Dedeyne, F. Dethier, V. Feldheim, M. Frederic, H. Geeraerts, A. Gillard, A. Janssens, J.-P. Minne, I. Piette, B. Present, S. Roels, N. Spies, A. Van Eycken, D. Van Kerckhove, C. Van Loock, G. Van Moeseke, E. Van Overmeire, J. Vandendriessche, F. Wattel

Engineers-leaders: X. Loncour, J. Van der Veken

Advisers: A. Acke, K. Janssens

Acoustics

Members: J. Coose, E. De Kempeneer,

C. Decaesstecker, D. Decroix, A. Donnet, P. Dresse,

R. Dumont, H. Fabri, H. Fort, R. Geens, A. Gillard,

C. Grimonpont, B. Heymans, J. Kegels, J.-P. Lahaye,

O. Leroy, J. Marinus, K. Maroy, A. Minne, H. Mostmans,

J. Nemerlin, G. Oushoorn, M. Ruebens, P. Roman.

P. Toussaint, M. Van Damme, C. Van Loock,

E. Van Overmeire, M. Vanstraelen, L. Vasseur,

T. Verbanck, G. Vermeir, J.-F. Winant **Engineer-leader:** L. De Geetere **Advisers:** J. Goovaerts, M. Lignian



Chairman: M. Leysen

Members: B. Akkermans, M. Berckmoes,

C. Decaesstecker, W. Driessen, S. Eeckhout,

M. Fatzaun, R. Goovaerts, B. Heymans, C. Lefèvre,

O. Leroy, J. Marinus, C. Pimpurniaux, M. Ruebens,

J. Stassen, N. Van Houten, S. Van Loo, C. Van Loock,

E. Van Wesemael, T. Verbanck, P. Verhoeven, J.-P. Veriter,

S. Wynants

Engineer-leader: Y. Martin

Advisers: D. Boulanger, G. De Raed, J. Goovaerts



Chairman: J. Beke

Vice-Chairman: C. Bourgois

Members: A. Boutemadja, G. Colliers,

Y. Craeve, M. D'Anvers, B. Dangoisse, D. De Clerck,

R. De Lathouwer, S. De Nolf, P. De Smet, E. Debast,

L. Dedeyne, E. Dufrasnes, J.-C. Embrechts, E. Geens,

E. Germijns, T. Hermans, N. Huysmans, J. Jadoul,

J. Kessler, T. Lamy, P. Laporta, C. Lemmens, J. Mariën,

T. Modave, S. Motte, M. Proces, T. Serck, E. Spitzer,

M. Vercruysse, W. Verschueren, D. Versluys, M. Wagneur

Engineer-leader: S. Danschutter

Digital Construction

Chairman: R. Collard

Members: A. Argeles, J.-P. Bauwens,

H. Beckers, X. Bindels, S. Boeykens, M. Bonnarens,

F. Bonte, M. Brochier, F. Campion, B. Courtin,

J.-P. Couwenbergh, F. Crovato, J. De Cock, S. De Nolf,

R. De Smedt, B. De Smet, M. Deloz, B. Despiegeleer,

V. Detemmerman, Q. Dupont, D. Froven, B. Geerinckx.

T. Gretry, K. Grietens, R. Hageman, D. Hellemans,

G. Kerckhofs, R. Klein, K. Kozlowski, B. Lambert,

J. Lathouwers, F. Lederer, U. Linden, R. Meuleman,

R. Meurisse, M. Moens, E. Moeyersons, F. Naeyaert,

T. Nuttens, K. Nvs. M. Oumzil, P. Pauwels, P.-B. Pousset.

P. Present, J. Schumacher, N. Smets, S. Soupart,

J.-M. Stiernon, T. Torfs, J. Van Bossche, F. Van De Velde,

M. Van Den Berg, A. Van Den Borre,

P. Van Den Eynde, S. Van Der Have, V. Van Impe,

C. Van Loock, J. Van Mol, H. Van Oosterhout,

E. Van Overmeire, E. Van Overwaele, J. Vandamme,

J. Vandeleur, K. Vandenbogaerde, E. Vanmechelen,

S. Verhaert, M. Verhiel, T. Vyncke

 $\textbf{Engineers-leaders:} \ \mathsf{N.} \ \mathsf{Cauberg,} \ \mathsf{G.} \ \mathsf{Zarmati}$

Advisers: R. Durvaux, S. Vercauteren



Chairman: M. Hoevenaeghel

Members: K. Allacker, A. Argeles, J. Beneens, F. Blockx,

S. Breels, Y. Carlson, P. Callewaert, F. Cauwelier,

M. Coppens, M. Croufer, P. De Kinder, L. de Silva,

N. De Temmerman, J. Declercq, A. Fuhr, G. Goossens,

A. Laquiere, M. Léonard, S. Magnée, M.-M. Mennens,

J. Michiels, J. Moens, D. Peytier, L. Schiltz, W. Simoens,

N. Stevens, L. Van De Loock, F. Van den Berghe,

J. Van Bossche, K. Van Campenhout, V. Van Impe,

E. van Kemenade, S. Vande Meulebroucke,

J.-C. Vanderhaegen, D. Verhaegen, G. Verhoeven, T. Verstaen, M. Villani, J. Wouters

Engineers-leaders: R. Delvaeye, J. Vrijders

Adviser: K. Janssens

Corporate social responsibility

In 2023, the CSR (corporate social responsibility) strategy was further concretised. For instance, a transversal CSR working group formulated an initial sustainability memorandum. The internal objectives of Buildwise are based on the four pillars from this report, namely 'care for the planet'. 'people at the heart', 'customer in mind' and 'collaborative ways of working'. In this way, sustainability is firmly anchored in the activities of Buildwise and the objectives of all its employees.

Reduction of environmental impact

In parallel with the numerous initiatives from the 'Green Deal' axis of Ambitions 2025, Buildwise also wants to reduce its own environmental impact and actively respond to various societal challenges. By leading by example, we have taken on an influential leadership role within an industry transitioning to greater sustainability

The central role of Human Resources in transversality and co-creation

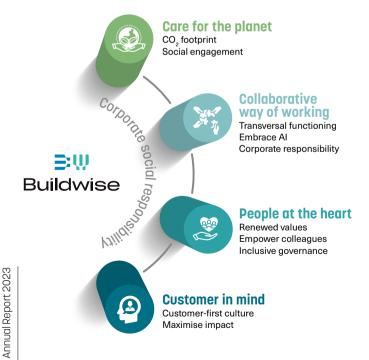
In 2023, Buildwise introduced a new organisational model to fit in with its strategic repositioning.

This model, which arose from a participatory process involving workshops with more than 100 employees, laid the foundation for a matrix structure with 'transversality' as its key concept. This provided opportunities for us to review our leadership approach, define functions and roles more clearly and stimulate talent development by promoting internal mobility.



At the same time, we started digitalising our HR processes and refining existing procedures which enabled the HR team to handle administrative tasks and HR administration more efficiently. In 2024, we will be focusing on such tasks as the integration of new digital technologies including artificial intelligence.



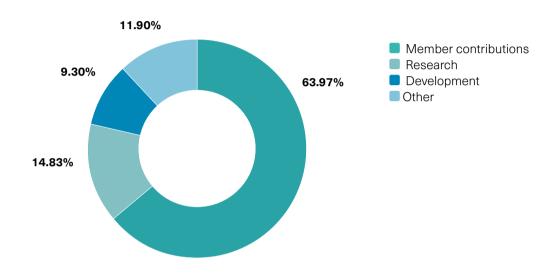


27

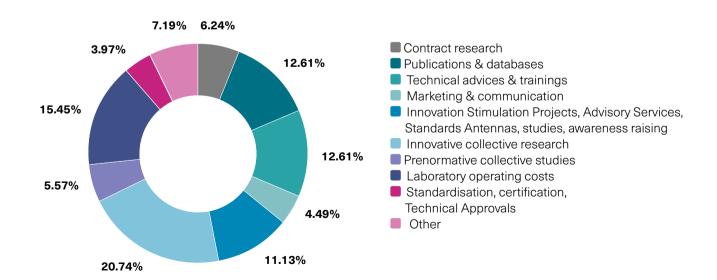
Annual Report 2023

More figures

Sources of financing



Allocation of resources



Locations

Buildwise Zaventem

Kleine Kloosterstraat 23 B-1932 Zaventem 02 716 42 11 info@buildwise.be buildwise.be

Technical Advice • Publications

Management • Quality • Information technology

Development • Valorisation

Technical Approvals • Standardisation

Buildwise Limelette

Avenue Pierre Holoffe 21 B-1342 Limelette 02 655 77 11

Research and Innovation • Training • Library

Buildwise Brussels

Dieudonné Lefèvrestraat 17 B-1020 Brussels 02 233 81 00



A revamped Buildwise swings into action. Unveiling a bold vision, our Next Report is guided by a quest for excellence, as reflected in our ambitious strategic objectives.

A pioneer in research and innovation

As a pioneer in research and innovation, Buildwise is committed to getting its expertise and latest breakthroughs adopted, all with a view to boosting quality standards, efficiency and sustainability in construction.

A catalyst for the sector's transformation

Our ambition is to become a catalyst for transformation, stimulating the exchange of knowledge and bringing industry stakeholders together to overcome current and future challenges. Buildwise is positioned as an inspirational guide, committed to driving significant and sustainable change in the construction sector.

Sharing knowledge and expertise

Buildwise embraces a transdisciplinary vision, analysing and solving challenges from a variety of angles. Our hands-on work is guided by an integrated, three-pronged approach: technological innovation, a commitment to sustainability and excellence in our know-how. Together, we are building the solid foundations of a future where knowledge and expertise are developed, shared and adopted in the field.

