



Saskia Arens project manager and client adviser

With 3D planning, Yelo-Bau (Luxembourg) makes individual construction projects understandable and tangible for clients.

USING DIGITAL PLANNING TO BRING DREAM HOMES TO LIFE

Yelo-Bau is a medium-sized construction company based in the north of Luxembourg and known for quality and personal service for over 20 years. Founded in 2002, the company specialises in turnkey solid construction of single-family homes, as well as offering expertise in extensions, renovations, multi-family houses and outdoor areas. The company employs around 50 people, working both in the office and on site: project management, secretarial staff, and management work closely with specialists in structural work, plastering and facade work, tiling, outdoor areas and the transport sector. Technical trades such as joinery, roofing and building services are coordinated through partner companies.

A central element of the company philosophy is the commitment to tailor every construction project to the client’s requirements – no standard catalogues, but with clear communication and precise planning.

■ Challenge

Making individual ideas tangible

In the past, Yelo-Bau worked with hand-drawn sketches, 2D drawings and traditional architectural plans. While these were technically correct, they were often difficult for clients to grasp, especially when it came to special requests or complex floor plans. This resulted in follow-up questions, additional discussions and longer decision-making processes. At the same time, it was also clear that the team sought to work closely with clients – transparently, honestly and personally. For modern customer communication, new tools were needed to make planning more tangible.

” We never work with standard solutions. Therefore, it is essential for us that clients can really visualise their plans,

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project manager and client adviser

■ Solution

From a sketch to a sense for the space

Since 2013, Yelo-Bau has been using Palette CAD – initially for bathroom and tiling planning, and then later also for outdoor areas, extensions and interior concepts. Today, the software is used daily in the office. The intuitive modules, the ability to import DWG files – through which architectural plans are regularly imported – and the easy transfer of planning stages to partner companies, such as stove builders and joiners, that also work with Palette CAD are particularly appreciated.

„When clients fall in love with the 3D visualisation, the rest more or less takes care of itself,“ says Saskia Arens, project manager and client adviser at Yelo-Bau. Through training and hands-on application, she quickly became familiar with the intuitive software – today, working with Palette CAD is an integral part of the planning process for both her and her colleague.

Operationally, the process is as follows: after an initial meeting, with or without an architect’s plans, clients receive an individual proposal, and if accepted, detailed technical planning begins – always in close coordination with the client. „We never work with standard solutions. Therefore, it is essential for us that clients can really visualise their plans,“ explains Saskia Arens.

■ Result

Clarity builds trust

Whether bathroom, outdoor area or living space concept: realistic 3D representations help clients experience their future home already during the planning phase – also via panorama view, showroom link (a digital exhibition space that can be conveniently accessed online) or optionally with a VR headset. After a selection process with a bathroom specialist, the plans are precisely adjusted to include the exact materials chosen, such as tiles – so that the visualisation reflects the final result. Upon request, sophisticated interior design concepts are created to provide clients with a more comprehensive and individual planning experience. This creates trust and provides clarity – often even before the contract is signed. Especially for outdoor



Technical planning at Yelo-Bau means: developing individual solutions, visualising client ideas and being realistic in coordination.



After selection, tiles and materials true to original are incorporated into the plans – for a realistic overall experience.

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areas, Palette CAD is strategically used in the proposal stage to inspire clients.

In the further course of the project, a technician takes over supervision. Renderings, exposés, and dimensioned floor plans are used not only for presentations, but also provide the working basis for tilers and other tradespeople.

„Our clients experience their house already in the planning phase – this builds trust and makes the construction process more tangible for everyone involved,“ says Saskia Arens. It is also beneficial internally: communication with tradespeople is more efficient, misunderstandings can be avoided, and planning data can be seamlessly integrated.

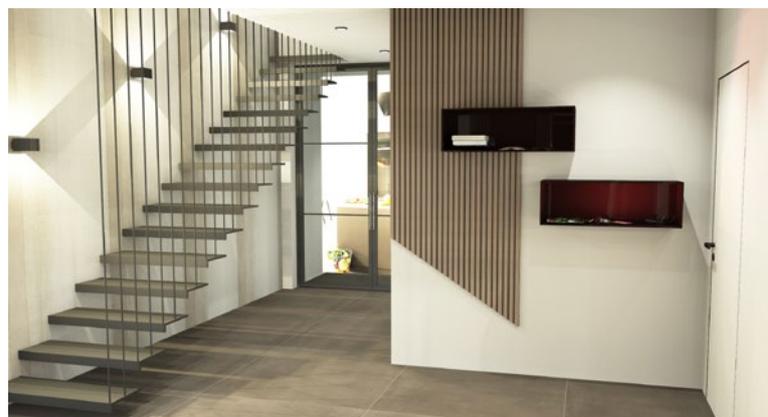
Conclusion

3D planning as the link between idea and implementation

Yelo-Bau shows how modern visualisation not only adds value aesthetically, but also on a practical level – and helps to safely and efficiently realise individual construction concepts. In a dynamic market environment, this is a clear advantage – for clients and the company itself.



Especially for outdoor areas, Yelo-Bau relies on early 3D visualisations – to inspire clients right from the proposal stage.



Thanks to thoughtful 3D planning, Yelo-Bau minimises coordination errors, ensures quality and creates structure for all project participants.

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COMPANY:

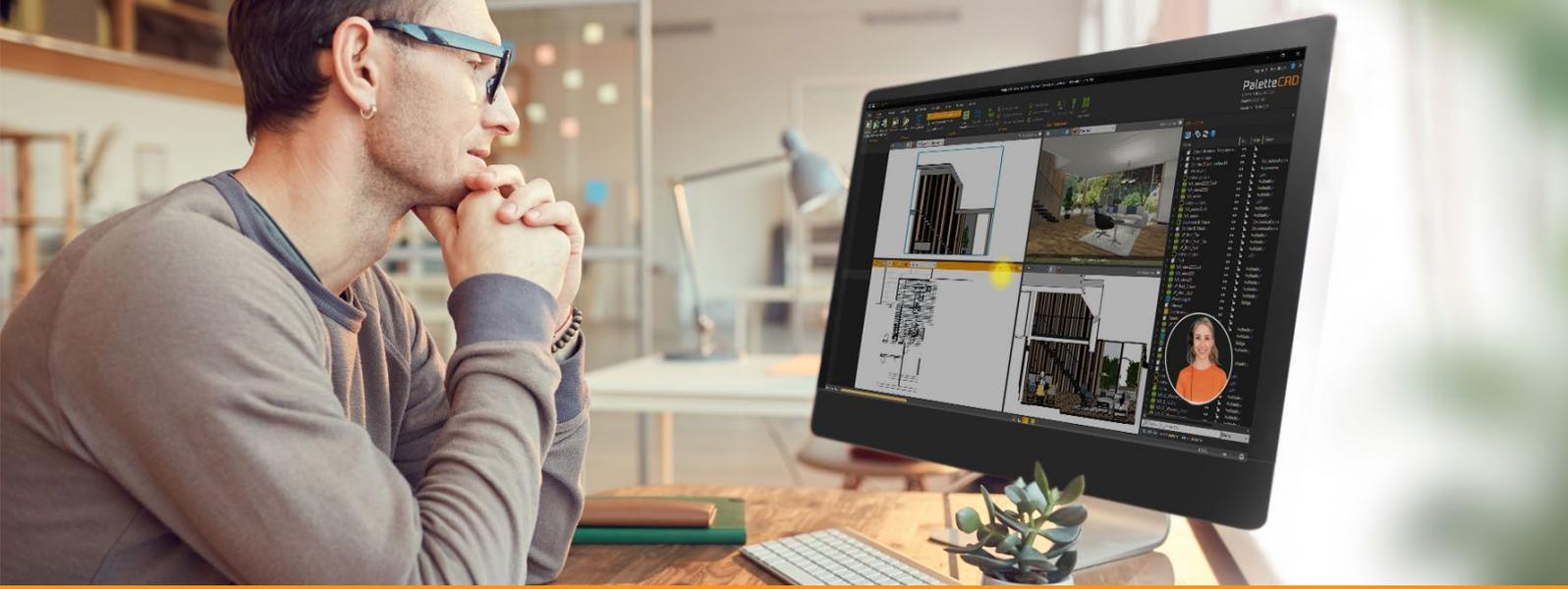
Yelo-Bau S.à r.l. | L-9678 Nothum
Founded in 2002
www.yelo-bau.lu

CORE COMPETENCIES:

Turnkey single-family home construction, solid construction, outdoor areas, renovations, extensions, multi-family houses

3D SOFTWARE:

Palette CAD



LIVE DEMO

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