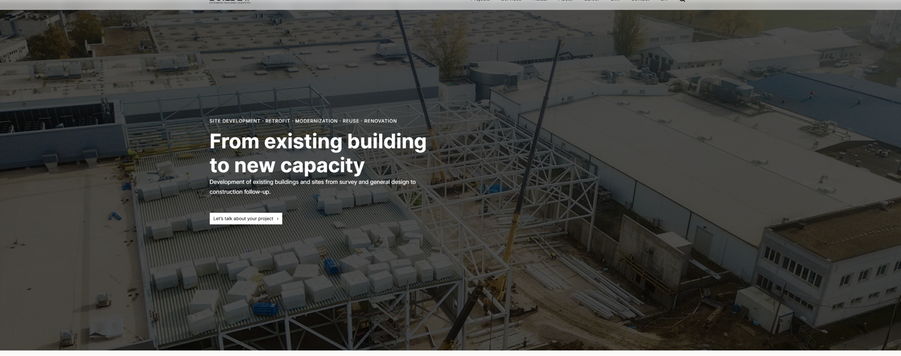
BuildEXT Customize 1 0 New Edit Translation Edit Page Rank Math SEO Howdy, Csaba Metovics



SITE DEVELOPMENT · RETROFIT · MODERNIZATION · REUSE · RENOVATION

From existing building to new capacity

Development of existing buildings and sites from survey and general design to construction follow-up.

Let's talk about your project ›

How we help

In brownfield projects, the existing building, infrastructure and site operation form the basis of the project. BuildEXT turns this basis into a manageable technical process: through survey, concept development, general design, tender preparation and construction follow-up.

RELIABLE FOUNDATIONS

The existing condition cannot be ignored

In brownfield projects, the design process begins with the existing conditions: the building stock, utilities, previous renovations, operational facilities, and – in many cases – incomplete documentation. The task is to determine what can be safely and economically implemented while also ensuring that it is feasible from the perspective of future operations.

This is why the following should be clarified at the beginning of the project:

- the condition of the existing building or site,
- how reliable the available documentation is,
- what utility, energy and technology requirements must be considered,
- which elements can be kept, modified or demolished,
- what permitting, fire safety, environmental and occupational safety conditions affect the investment,
- how construction can be organised on an operating site.

OUR APPROACH

One process from existing condition to handover

At BuildEXT, design, delivery support and information management are built on the same project logic and common data environment, so the investor can rely on a traceable technical basis throughout the process.

01

Survey and assessment of the starting condition

The work starts with reviewing the existing documentation, site conditions and technical condition. If needed, this is supported by on-site survey, digital modelling, discipline-specific condition assessment and documentation structuring.
Goal: to make clear what the project starts from, and where the points are that could later cause cost, delay or technical risk.

02

Development concept and investment decision preparation

Based on the existing conditions, we prepare the development concept. This includes operational logic, technology, material flow, support areas, energy requirements, constructability and later operational needs.
Goal: to create a technical basis that allows the investor to make well-founded decisions about the project direction, schedule and next steps.

03

General design

The approved concept is developed into a unified, professionally coordinated design package. For the client, this means a more transparent process, fewer separate coordination rounds and a clearer responsibility structure.
Goal: to create a coordinated, verifiable design package suitable for construction.

04

Tender preparation and technical support

BuildEXT manages the preparation of tender documentation, the handling of technical questions and the professional interpretation of contractor bids.
Goal: to reduce the risk that missing or unclear technical content is only revealed during construction.

05

Construction follow-up and designer control

During construction, contractor-side proposals may arise. These require quick, technically sound decisions, supported through technical coordination, designer responses, on-site checks, scanning, change management and discipline coordination.

Goal: to keep delivery aligned with the design intent and ensure that necessary modifications are introduced into the project in a controlled way.

06

Handover and operational considerations

Closing an investment does not only mean the physical completion of the building. It is important that as-built documentation, technical information and data required for operation are available in an organised form.
Goal: to support a handover process that helps not only the end of construction, but also occupancy and the start of operation.

INFORMATION CONTINUITY IN A COMMON DATA ENVIRONMENT

From decision preparation to handover

01 Identifying data and risks

We define what models, documents, data and handover information are needed in the project.

→ clearer expectations, more accurate digital scope.

02 Turning surveyed condition into design basis

Based on Scan-to-BIM, Plan-to-BIM and discipline data, we create a verified starting model, so design is not based on PDFs, Excel sheets and site notes.

→ conceptual design, decision points, recommendations for further planning.

03 General Design

The model and the design evolve together with the decisions. Alternatives, approvals, discipline clashes and modifications remain traceable, so the project does not lose information between design phases.

→ coordinated master planning package.

04 Tendering

The contractor request for proposal is based on the same building information database as the design, enabling more accurate bids and more comparable contractor responses.

→ documentation suitable for construction and design support.

05 Construction Monitoring

Technical support for construction, handling design-related issues, on-site coordination, tracking changes, and coordinating with other disciplines.

→ more controlled implementation, faster technical decisions, and fewer unresolved issues during construction.

06 Support for the handover

Organization of documentation, technical information, and operational aspects related to the as-built condition.

→ a more transparent closure process and a technical framework ready for implementation.

CASE STUDIES

Development Areas

In brownfield industrial projects, the task is often not limited to a single building. Existing infrastructure, plant operation, utilities and new technological requirements together define the direction of development.

Complete site development

Accurate starting data through Scan-to-BIM, so transformation design can be based on verified building information instead of assumptions.

bővebben ›

Laboratory head building extension

Coordination of complex laboratory functions, dense building services systems and special technology requirements using a BIM-based design workflow.

bővebben ›

Electronics manufacturing plant in a brownfield area

Reuse of a run-down industrial site for the development of a modern, economically operable production and office building.

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All case studies ›

300 000 m²
ANNUAL PROJECT VOLUME

150
ENGINEER

17
YEARS OF EXPERIENCE

ISO 19650
CERTIFICATION

"We wanted to have a single partner responsible for the entire process. BuildEXT managed the project from concept to handover, and the deadline wasn't delayed by even a single week."

AUTOMOTIVE COMPANY, CEO, VESZPRÉM

CONTACT

Are you about to start a project?
Let's talk about it in advance.

During an initial technical meeting, we will review the current status of the project, the decisions that need to be made, and which design, technical, or BIM coordination issues should be addressed early on.

No strings attached and no obligation to accept an offer.

CONTACT ›

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