

AI-BASED DIGITAL-TWIN PLATTFORM FOR CONSTRUCTION AND REAL ESTATE PROJECTS

B2B SaaS | PropTech | DACH

investment@earlybuild-ki.de

earlybuild



Can we deliver Green Buildings with optimal revenue?



Market Situation

- High level of interest
- Inflation and depression

PAIN: High financial costs

Industry Needs

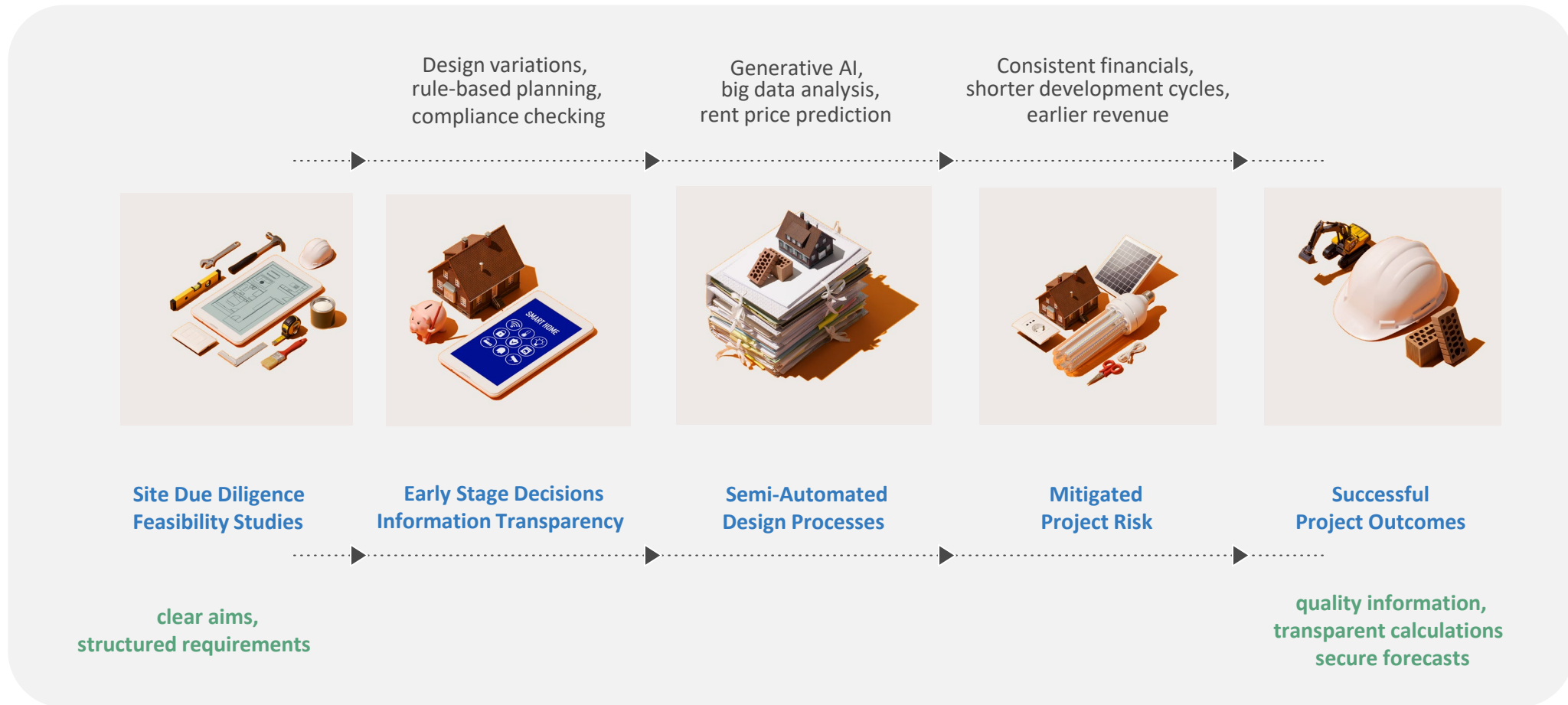
- Efficient processes
- Cost transparent building

PAIN: Complex success criteria

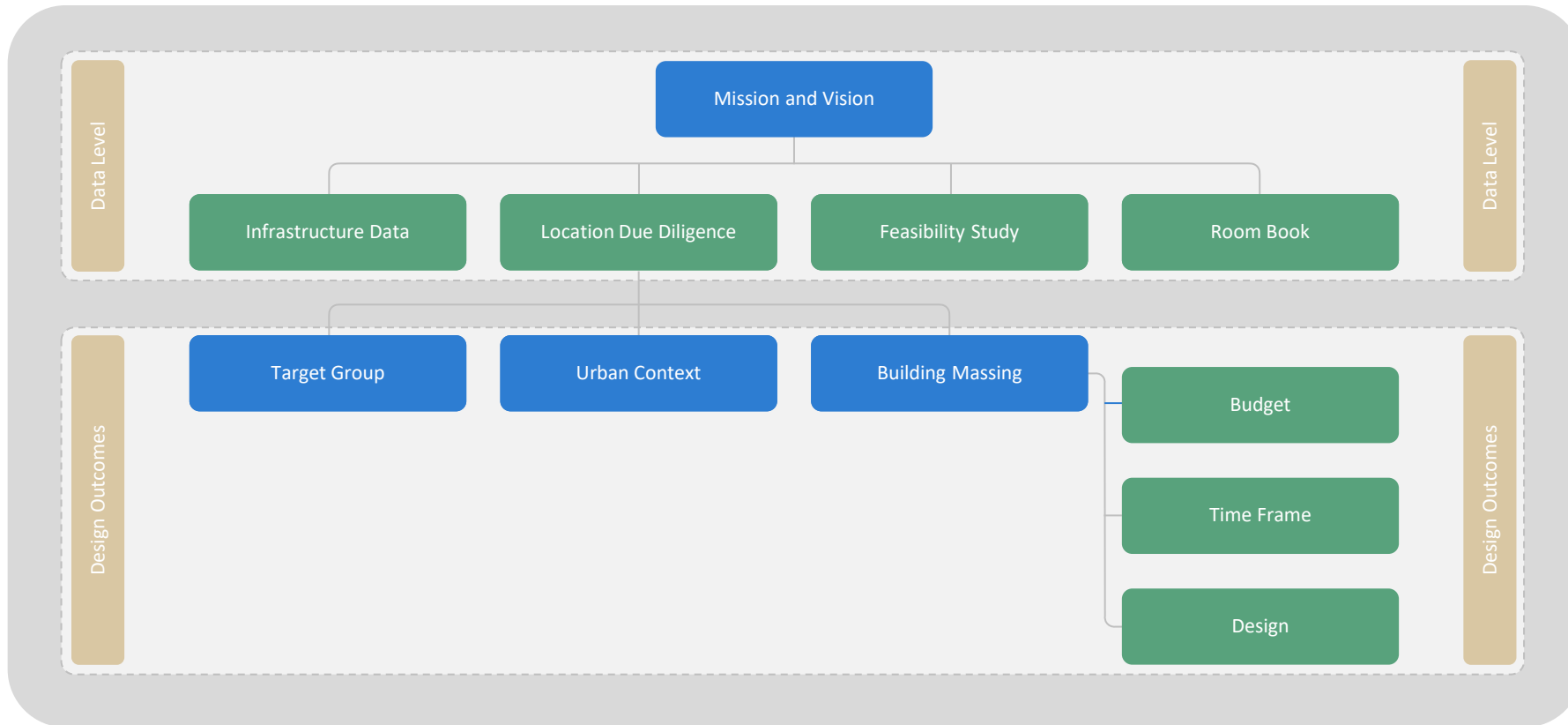
Current Trends

- Focus on residential construction and renovation
- New sustainability requirements
- High demand for efficiency in planning & design
- Digital building models as evaluation standard

Streamlining Real Estate Development with Digital Twins



Semi-Automated Design Process as a Key Driver in Digital Twins



Automated feasibility studies using GIS, GenAI and BIM

We are transforming property development by replacing fragmented processes with a centralised, data-driven platform using analytic capabilities.

Interactive, transparent decision support prior to the actual design process.
Seamless integration from the initial idea to technical BIM implementation.

Target group: Property developers, builders and architects seeking efficiency and data security.

80%

Time reduction

in the location analysis (reduction from approx. 12 days to approx. 2 days)

>60%

Acceleration of planning

Faster iterations and variant comparisons

50%

Shorter design cycles

Development times halved thanks to structured workflows



Investment decision before property purchase

High manual effort for data procurement

CURRENT WORKFLOW



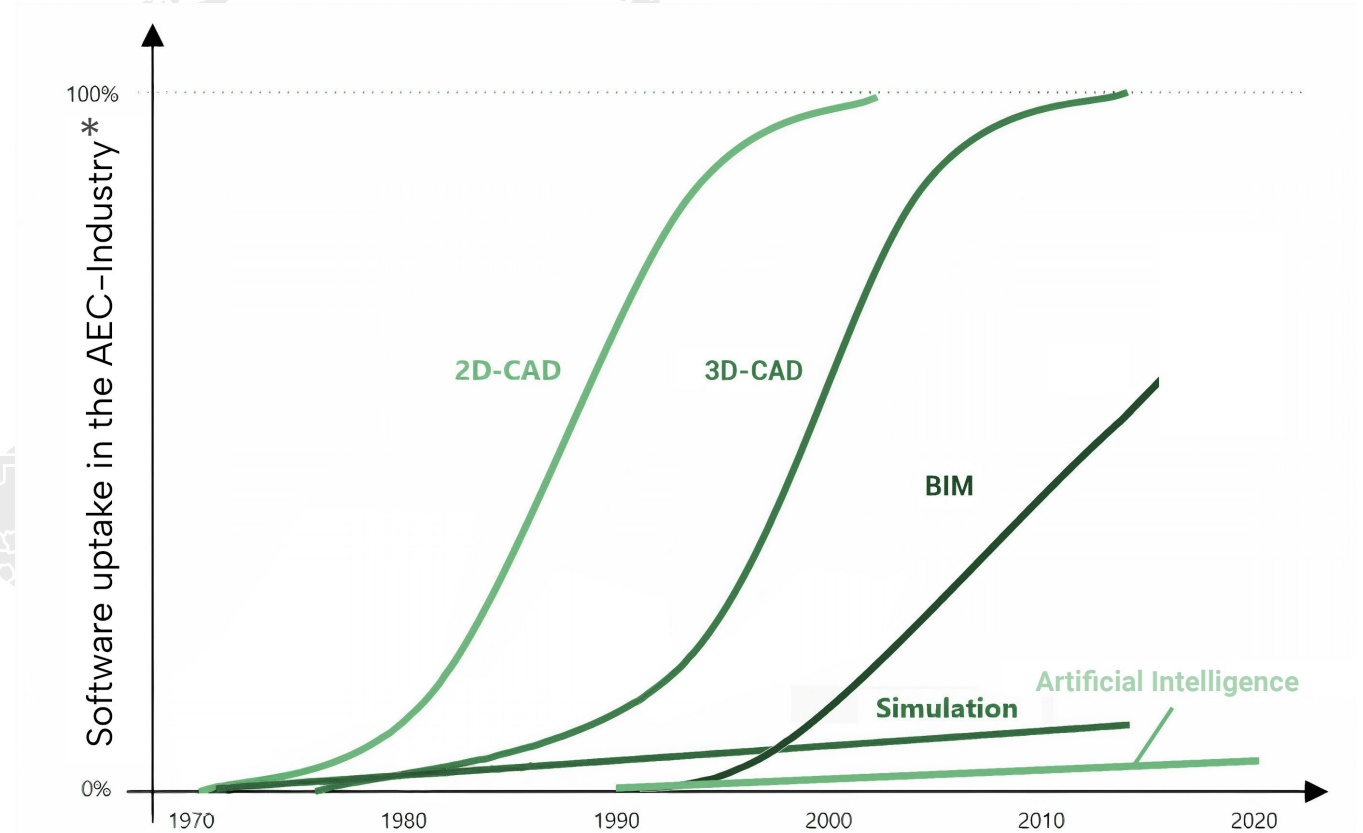
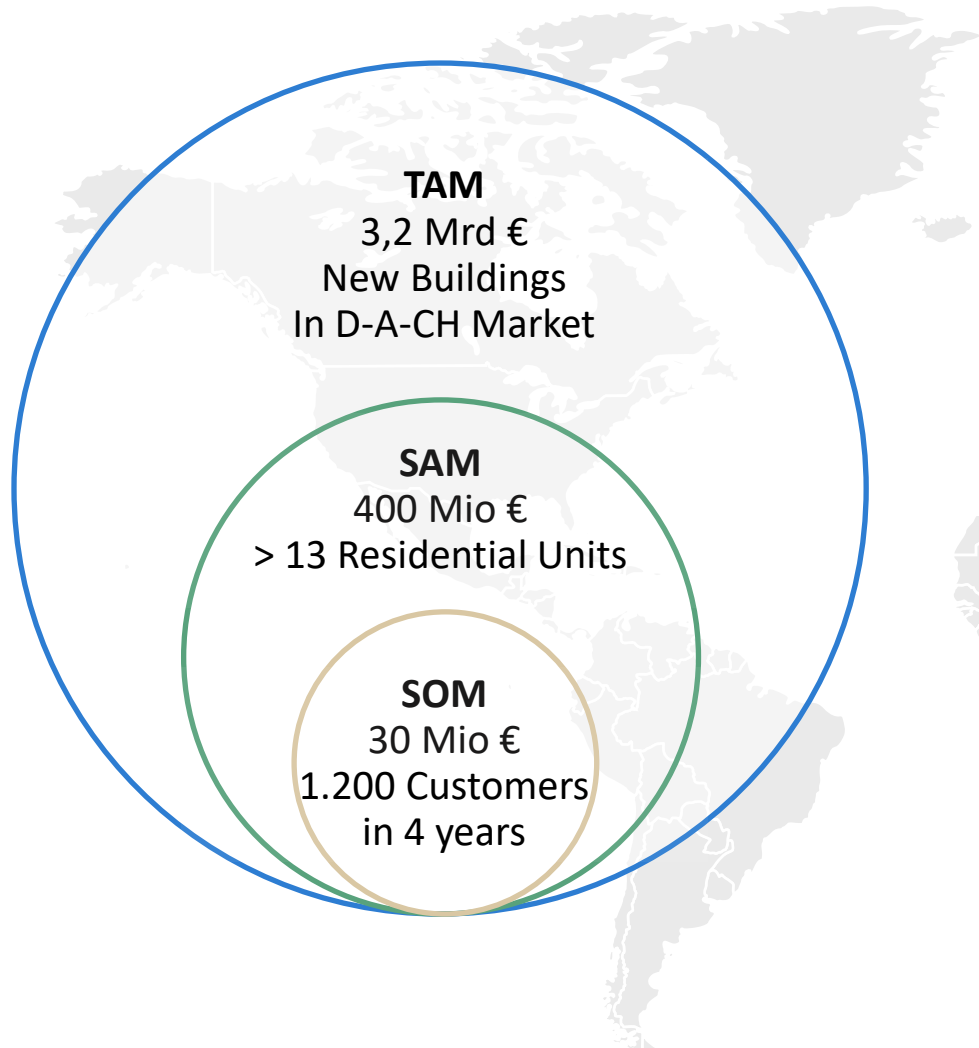
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Highly automated data preparation

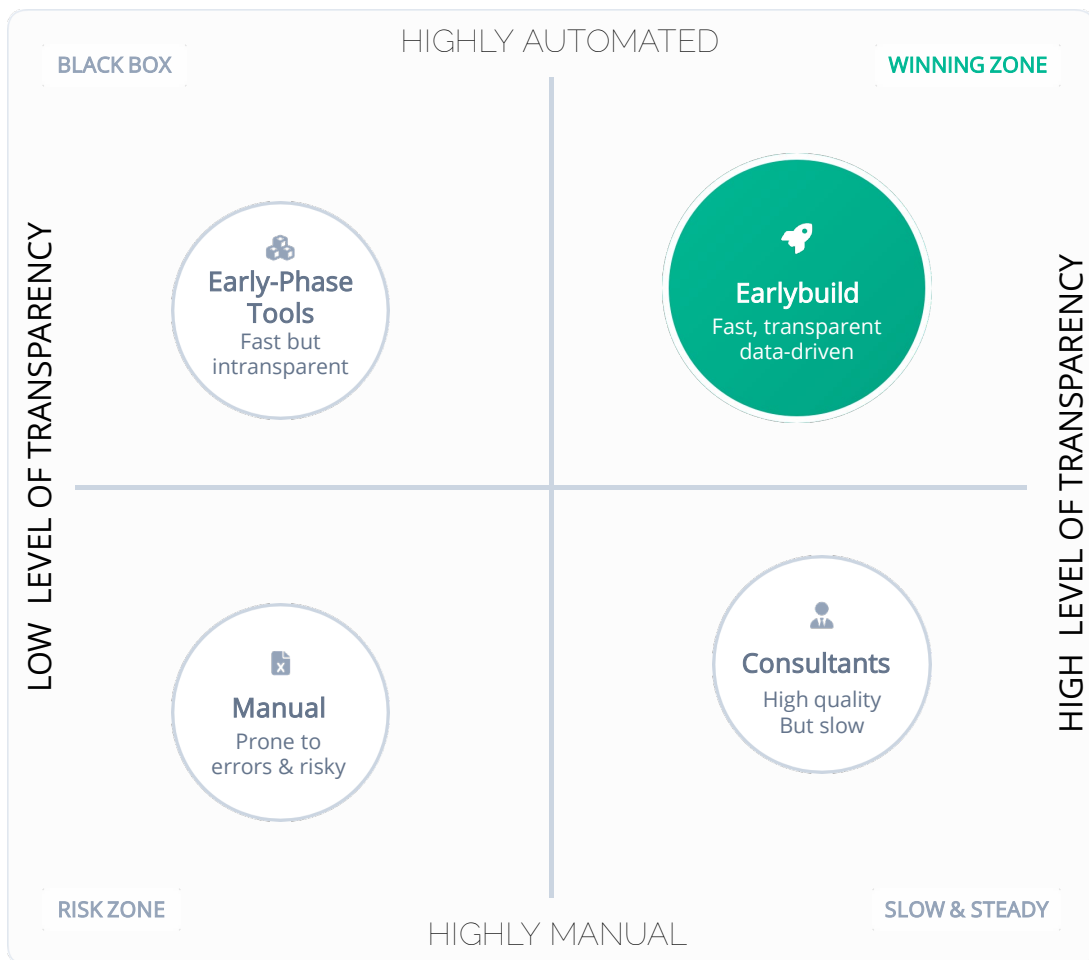
Plenty of time for interactive reports with individual evaluation criteria

The property market is emerging from decline and the AEC industry is looking for innovation.



*Architecture Engineering and Construction

Earlybuild will be the first proptech start-up with a holistic approach to the automated generation of feasibility studies for green buildings in construction and renovation.



Competitor Feature Table

Feature / Capability	Earlybuild	BIM Software (Revit / Archicad)	Early-Phase Tools (Spacemaker / TestFit)	Feasibility Consultants
Focus on pre-design phase	Yes	No	Partial	Partial
Data-based feasibility decisions	Yes	No	Limited	Yes
Transparent assumptions & logic	Yes	No	No	No
Integration of zoning & site constraints	Yes	No	Partial	Manual
Fast scenario comparison	Yes	No	Yes	No
Structured & repeatable workflow	Yes	No	Limited	No
Built for architects & developers	Yes	Later project stages	Early massing only	Consultant-led

Location due diligence and feasibility studies in one platform.
Automated valuation of land for real estate projects based on location factors.

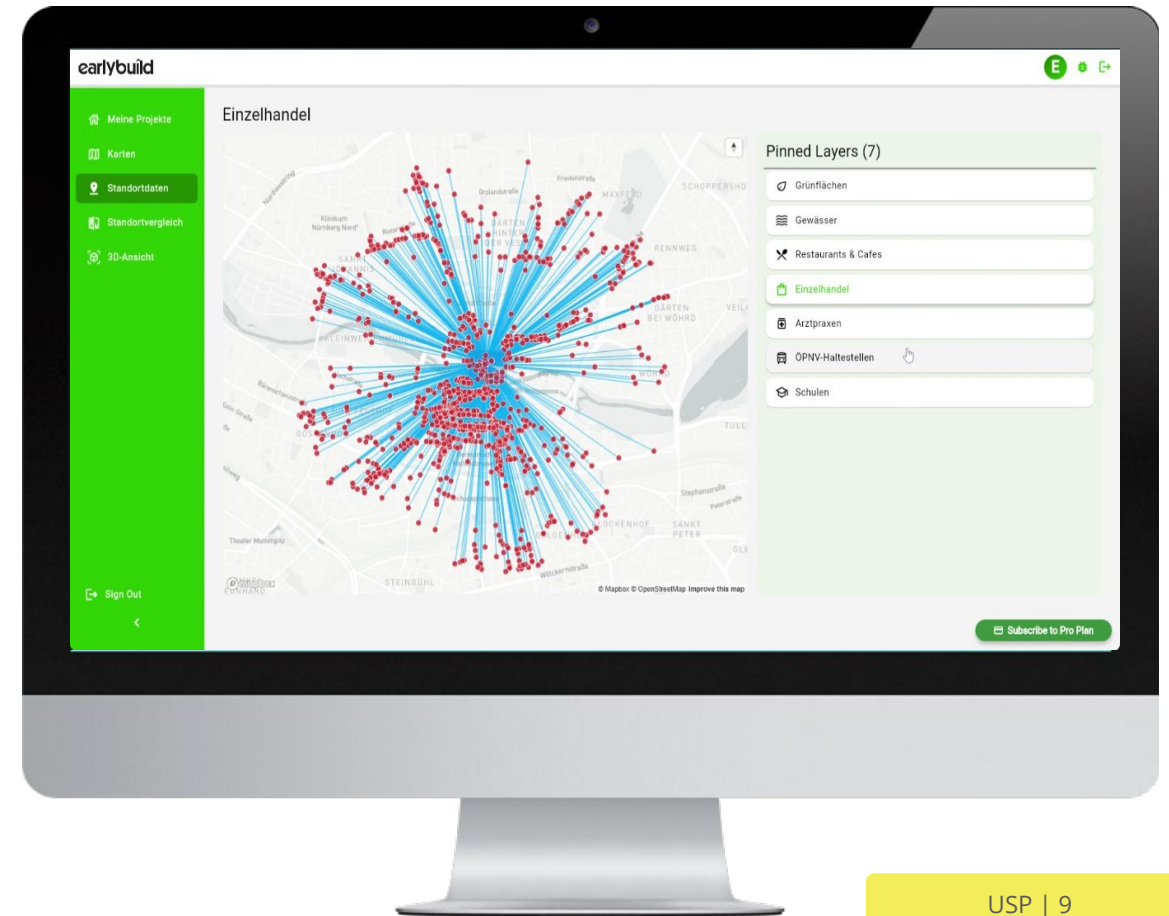
CASCADING AGENTS FOR INTERACTIVE DESIGN OPTIMISATION



Intelligent interfaces for feasibility studies

Earlybuild App continuously

- improves building designs
- includes market analysis
- uses industry best practices
- maximizes efficiency and profitability



Our partnerships foster innovation and shape the way we think.



Additional features further increase the benefits of the architecture, engineering and construction industry and enhance real estate developments.



2023

Founding
of
Company



2026

Federal
Plattform
Launch



2027

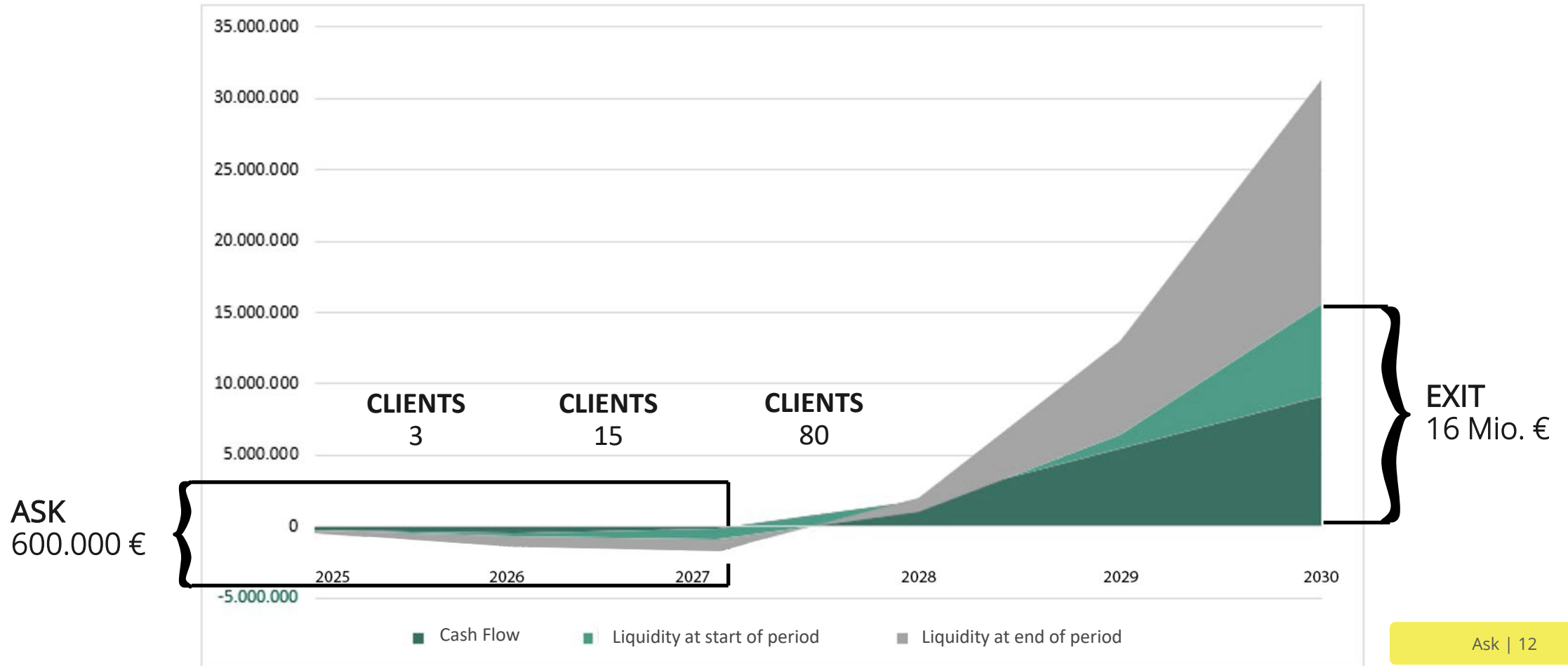
Market
Extension
DACH



2029

Exit

Invest for marketing and sales personnel, scaling business and development.



We own the knowhow to utilize the advanced technology of artificial intelligence, GenAI and big data in construction and real estate.



Dr. Manuel
Mühlbauer

CEO

TUM



Mohannad
Abdrabu

CTO

FAU



Muhammad
Sameer

CXO

OTH



Murtaza
Mustafa

CMO

OTH



Elsaeed
Gamal

COO

TUM

We are looking forward to getting in touch with you.

investment@earlybuild-ki.de

