

# Nemetschek's Key Figures: 5 Years - 5 Achievements













- We generate high shareholder returns1
- We outperform our peers in terms of growth<sup>2</sup>
- We have become a truly global player

Strong EPS development

Sustainable dividend policy with continuous growth

### 5-year TSR1:

- Nemetschek: ~700%
- Peer group<sup>2</sup>: ~95% TecDAX: ~110%

- 5-year revenue CAGR:
- Total growth: 20.0% Organic growth: 13.4%
- Peer group<sup>2</sup>: <10%

- 5-year US revenue CAGR:
- 49% in the world's largest and most competitive AEC market
- 5-year EPS CAGR:
- 26%

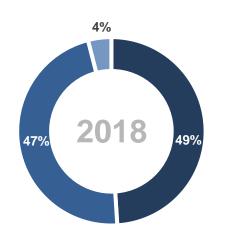
5-year CAGR:

20%

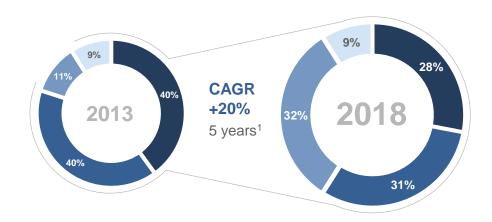
# 5-Years Development: Positioned to Provide Strong Growth

# AEC business mix 3% 6% 2013 CAGR +20% 5 years 1 32% 2018 59%





### **Global mix**



- Design
- Build
- Manage
- Media & Entertainment

- Recurring revenues

  Maintenance and rental models such as subscription, SaaS
- Software licenses
- Consulting & Hardware

- Germany
- Europe (w/o Germany)
- Americas
- Asia/Pacific

1 2013-2018

# Why We are Successful – A Unique Approach Similar to German Mittelstand



### NEMETSCHEK GROUP

Highly specialized small or midsized companies

Long-term focus

Holding 5× as many patents per employee as major corporations

37% of all employees have regular customer contact (only 7% in major corporations)

Almost 50% of all small world market leaders are German

Going to market with 16 strong, entrepreneurial brands (5–100m €)

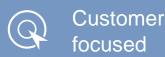
Every brand is a world leader in its discipline

Our brands are pioneers in Building Information Modeling

All brands are developing their solutions in close cooperation with the customers

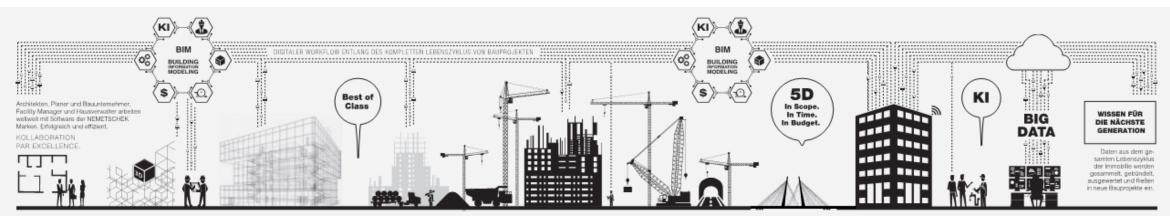
No 1 AEC software provider in Europe, one of the largest worldwide

# - nnovative



Internationally successful

# NEMETSCHEK GROUP Provides Expertise Along the Complete AEC Value Chain





Company Presentation

Media: AEC Renderings, Animation & Visual Effects for Gaming, Movies

MOXAM

# Key Business Highlights H1 2019: Excellent Basis for Achieving Targets in FY 2019



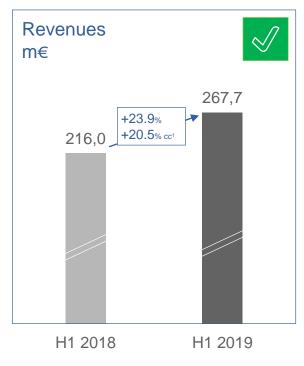
### **Strong Performance Continued in H1 2019**



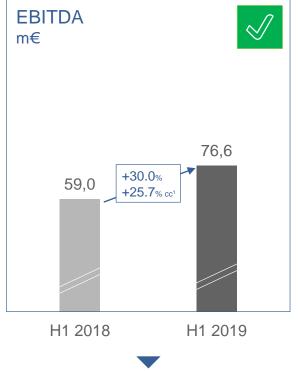
### M&A / Sale Successes



# Top Key Figures H1 2019: On the Way to Another Record Year









Strong double-digit growth with organic | growth of +17.9% (+14.5% cc<sup>1</sup>)

Currency tailwind (in H1: €7.5m) will come down in Q3 + Q4

Accelerated growth with high organic growth in H1: +27.6% (+24.1% cc<sup>1</sup>)

Strong increase in subscription in H1: +136.7%

High portion of recurring revenues: 52.6%

High EBITDA margin: 28.6% (previous year: 27.3%) influenced by

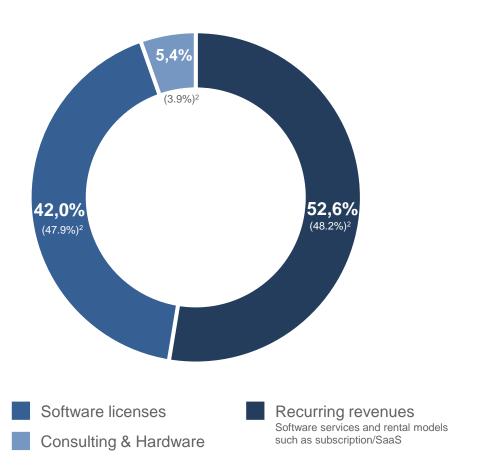
IFRS 16

Adjusted IFRS 16 margin: 25.9%

Tax rate with 25.5% on previous year level (25.9%)

# Growth Driver Recurring Revenues: Subscription is Key Driver

### **Revenue distribution H1 2019**



Q2 2019

### Recurring revenues you



+36.6%

+33.5% cc1

### H1 2019

### Recurring revenues you



+35.3% +31.8% cc<sup>1</sup>

**Subscription** yoy



+147.6%

+142.2% cc1

**Subscription** yoy



+136.7%

+130.8% cc1

Software licenses yoy



+2.0%

-1.1% cc<sup>1</sup>

Software licenses yoy

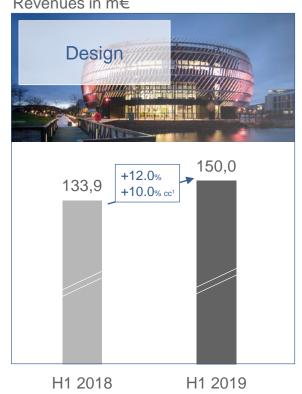


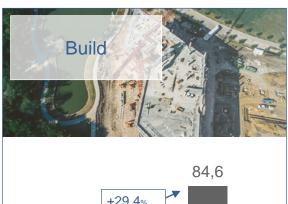
+8.6%

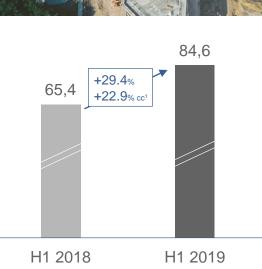
5.0% cc<sup>1</sup>

# Segment Overview: Build Segment Remains Key Growth Driver in H1

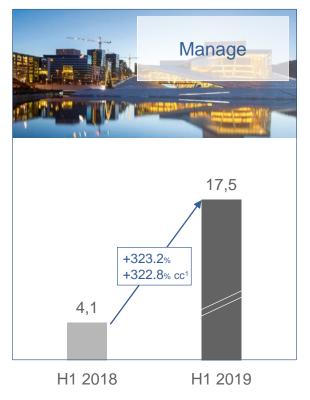
### Revenues in m€







Adjusted EBITDA margin (IFRS 16): 29.9%





### **EBITDA Margin**

27.7% 24.5%

Growth in-line with expectations, driven by strong Q1 followed by a moderate Q2 Adjusted EBITDA margin (IFRS 16): 25.2% Reclassification of Solibri from Build to Design 30.3%

Growth still on high level

33.2%

19.1%

15.4%\*

\*Adjusted EBITDA margin w/o € 1.5m acquisition related cost Reported EBITDA margin: 6.9%

Organic growth: +11.1%

Contribution Spacewell: €12.9m

44.1%

37.2%

Contribution Redshift: ~€ 1m Organic growth H1: ~16% Adjusted EBITDA margin w/o € 0.8m acquisition related costs of Redshift: 42%

Company Presentation

<sup>1</sup> Constant currency

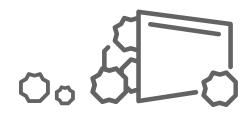
**NEMETSCHEK GROUP** 



# Challenges in Construction Industry



However at least 20% is waste













~10%

materials

are wasted

~30% of construction

is rework

~40%

Mostly due to Ineffective Communication, Planning and Collaboration

of projects are over budget

~90%

of projects are late

~40%

of jobsite work is unproductive

Source: Engineering-News Record 2017

# Construction Projects: Running out of Time and Cost



Type of Project	Average Cost Overrun <sup>1</sup>
Bridges	11%
Roads	27%
Railways	30%
Buildings	39%
Airports	56%
Waterways	68%
Tunnels	149%

Cost and time overruns occur in ~90% of the projects

<sup>&</sup>lt;sup>1</sup> Source: Herite School of governance (2015), 170 infrastructure projects analyzed | <sup>2</sup> Flyvbjerg et al. (2013): Underestimating Costs in Public Works Projects: Error or Lie?

### What is BIM? There Are Different BIM Levels

### Level 0:

CAD is used as a drawing board, no collaboration

### Level 1:

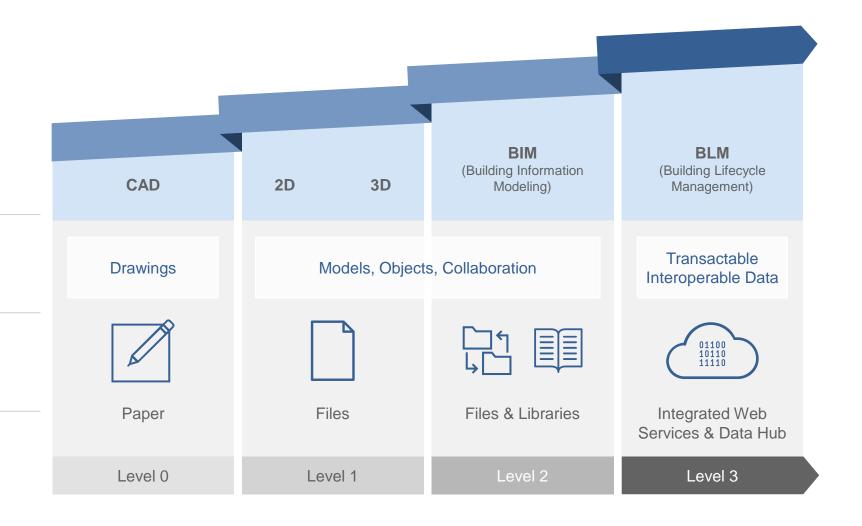
Mix of 2D and 3D work principles, no exchange of models

### Level 2:

All planning partners work in 3D, but do not work on a shared model

### Level 3:

Full collaboration between all disciplines using a shared model



Source: Based on "The BIM Maturity Model by Mark Bew and Mervyn Richards adapted to reflect BLM's relationship to Level 3"

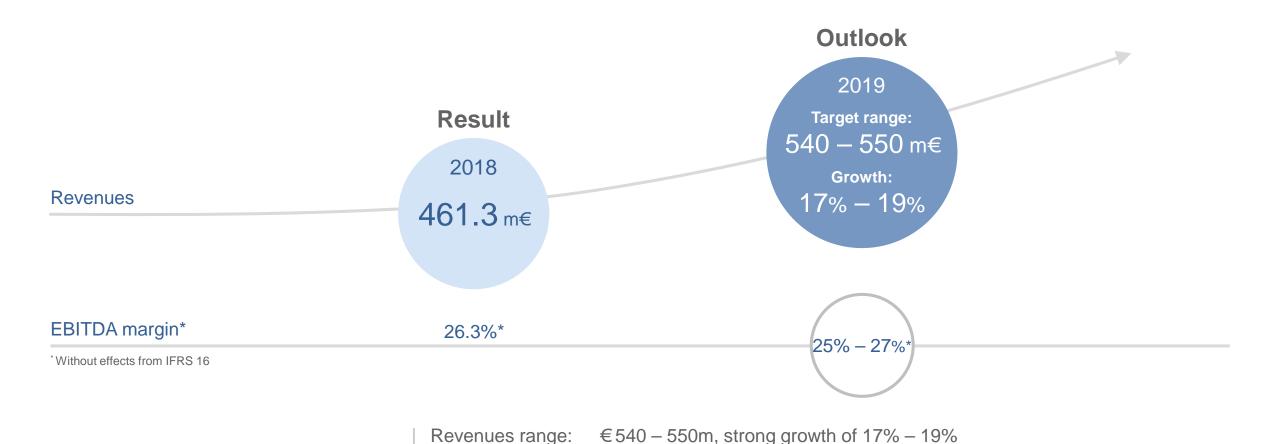
# Huge Market Potential: The AEC BIM Software Market Will Grow to €8 billion in 2021



Source: Cambashi BIM Design Observatory and internal research



# Outlook 2019: Strong Double-Digit Growth While Maintaining a High EBITDA Margin



on sustainable level of 25% - 27%\*

Investments 2019: additional € 10-12m to leverage future growth

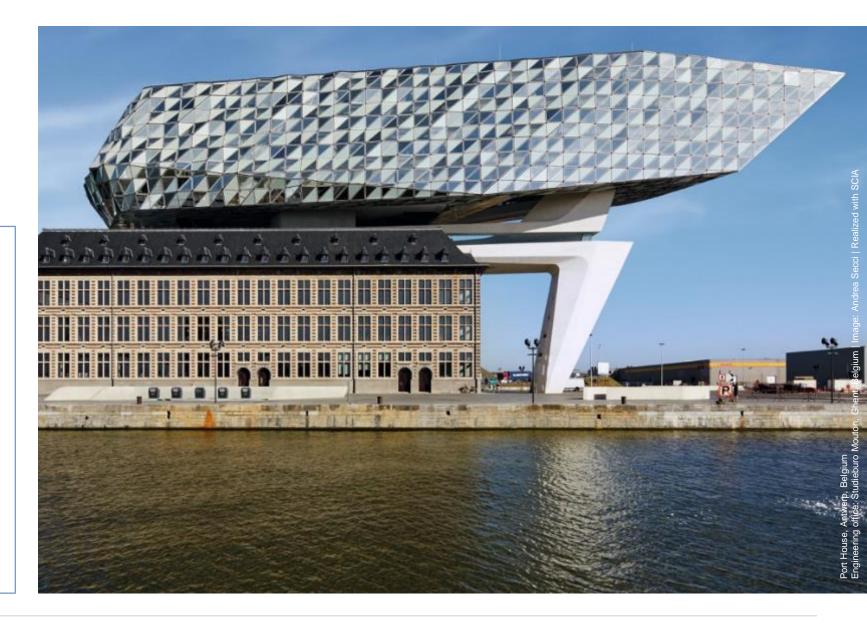
EBITDA margin:

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