

# MEETING EXPECTATIONS. KEEPING PROMISES.

HOW WE CREATE VALUE THROUGH EXPERIENCE AND PERSERVERANCE

ODDO BHF GERMAN CONFERENCE FRANKFURT AM MAIN, 22 FEBRUARY 2018

### MANAGEMENT TEAM WITH MORE THAN 50 YEARS OF EXPERIENCE IN PRIVATE EQUITY





TORSTEN GREDE CEO

Joined DBAG in 1990 Member of the Board of Management since 2001

Strategy and Business Development
Investment Business
Fund Investor Relations
Investment Controlling
Corporate Communications
Compliance
ESG



**DR ROLF SCHEFFELS** 

Joined DBAG in 1997 Member of the Board of Management since 2004

Investment Business
Investment Team Development
Fund Investor Relations



SUSANNE ZEIDLER CFO

Joined DBAG in 2012
Member of the Board of Management since 2012
Before: 25 years of professional experience in corporate finance and auditing
Board member of LPEQ

Finance and Accounting
Stock Market Investor Relations
Investment Controlling
Legal, Tax
Risk Management
Internal Audit
HR, IT, Organisation

### WHY INVEST IN DBAG?





#### **KEY INVESTMENT HIGHLIGHTS**

#### **MARKET POSITION**

The market leader in German midmarket private equity ...

#### TRACK RECORD

... and delivering strong returns through market cycles.

#### **MARKET ACCESS**

... with unique access to "hidden champions" of the German "Mittelstand" ...

#### INTEGRATED BUSINESS MODEL

... creating value for shareholders through Private Equity Investments and Fund Investment Services ...



### Market Position

Market Access

Integrated Business Model

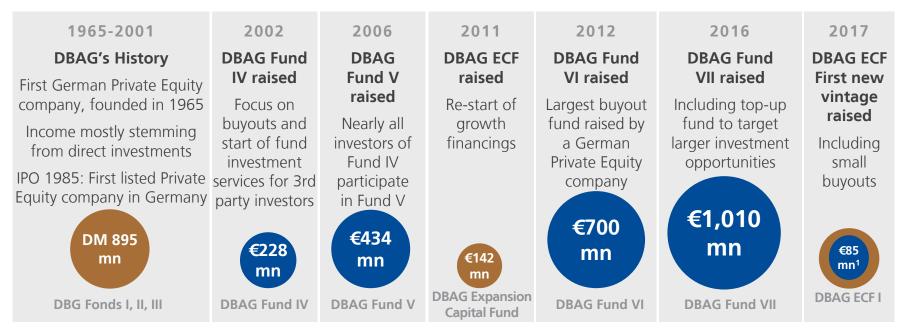
Track Record

### DBAG, A PIONEER IN GERMAN PRIVATE EQUITY FOR MORE THAN FIVE DECADES



More than 300 private equity investments in German Mittelstand companies since 1965 45 MBOs and 19 growth financings within the past 21 years

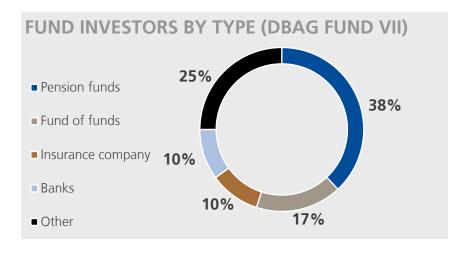
Thereof 29 MBOs and 11 growth financings exited, with an average capital multiple of 2.9x and 2.5x, respectively

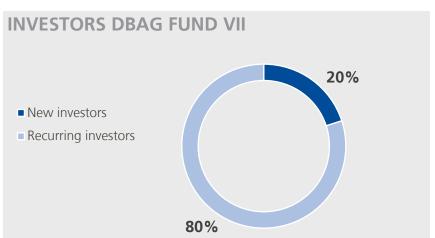


<sup>&</sup>lt;sup>1</sup> Extrapolating the committed 85 million euros for a 19-month period to a term of five years, the commitments correspond to a fund size of about 270 million euros

### RECURRING FUND INVESTORS STRONGLY VALIDATE THE EFFORTS OF DBAG







DBAG Fund VII is the largest fund with focus on investments in Germany by a German Private Equity company

Fundraising completed within 3 months

High quality fund investors committed on terms attractive to DBAG



### LARGEST INVESTMENT TEAM FOR PRIVATE EQUITY INVESTMENTS IN GERMANY



#### Investment team of 21 professionals

- with more than 250 years of aggregated Private equity experience
- two managing partners and ten directors with the firm for an average of more than 15 years

Strong commitment through coinvestment by senior team members

"Executive Circle" consisting of experienced group of 55 industrial partners and senior advisers





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### GERMAN "MITTELSTAND": AN ATTRACTIVE MARKET FOR PRIVATE EQUITY





#### **GERMANY**

4th largest economy in terms of 2016 GDP

Stable, innovative and growing macro-economic outlook

GDP growth of 1.7% (CAGR) from 2010 to 2016



**INDUSTRIAL SECTOR** 

Backbone of Germany's export oriented economy

in % of 2016 GDP

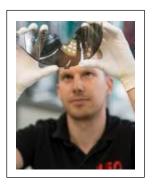
• Germany: 30%

• France: 20%

• Italy: 24%

• UK: 20%

• US: 21%



"MITTELSTAND"

Ca. 10,000 companies, including many

"Hidden Champions"

(i.e. mainly top 1 to 3 globally in their sectors)

Family-owned Focus on niche markets Operating globally

### STRONG PLATFORM TO PROVIDE SUPERIOR ACCESS TO GERMAN "MITTELSTAND"



#### **DBAG** brand

- Excellent reputation
- "Partner of choice" for family owners and management teams

### One-stop shop

- Growth financings and MBOs:
   Private equity solutions for different financing situations / ownership models
- Broad market approach

### Focus on manufacturing sector and B2B services (DBAG's "core sectors")

 Sector mix mirrors industrial focus of German "Mittelstand"



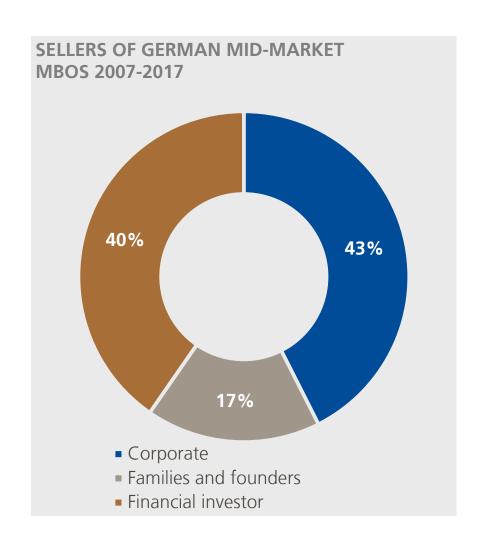


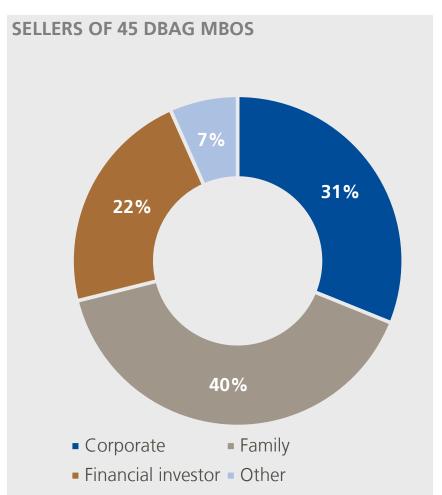




### PROPORTION OF DEALS WITH FAMILY OWNERS SIGNIFICANTLY ABOVE MARKET









Market Position

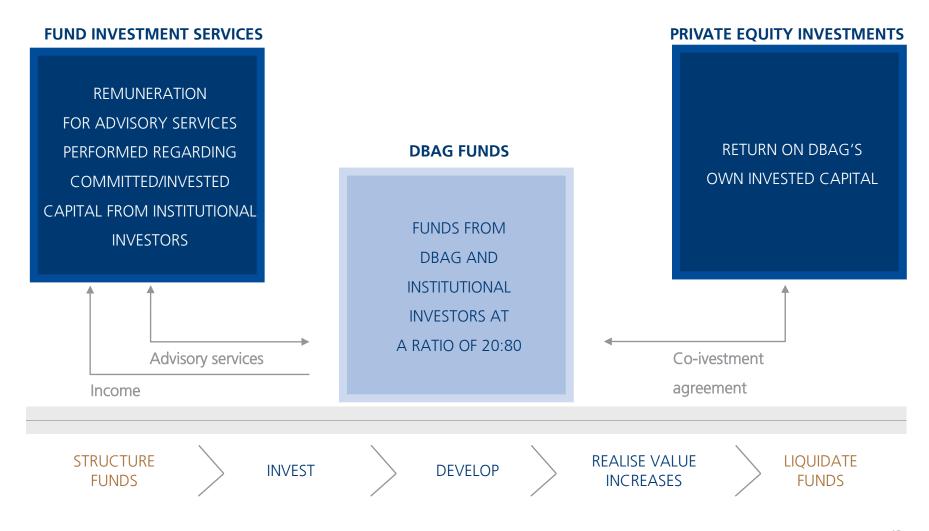
Market Access

Integrated Business Model

Track Record

### DBAG CREATES VALUE FOR SHAREHOLDERS THROUGH TWO BUSINESS LINES





### THE DBAG PORTFOLIO\* OF 22 COMPANIES IS INCLUDED IN FOUR DBAG FUNDS ...





Completed after the reporting date: MBOs of Sjølund and netzkontor (both DBAG ECF)

Not yet completed at the reporting date: investment in a radiology group (DBAG Fund VII), agreed in March 2017

Not included: investments in two externally managed international buyout funds

<sup>\*</sup>as of 31 December 2017

### ...HAS BROAD EXPOSURE IN DIFFERENT SECTORS WHILE MINIMIZING RISK



#### Four DBAG core sectors



Plant Technology and Services

for the Process Industry

Mechanical and plant engineering: 17% of portfolio value

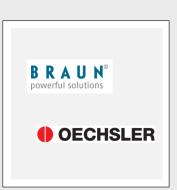
Industrial services:

portfolio value

9% of



Industrial components: 30% of portfolio value



Automotive suppliers: 12% of portfolio value

#### Other sectors



..., to which the DBAG platforms permits special access:
22% of portfolio value

Not included: other investments, including investments in externally managed international buyout funds (6 percent of the portfolio value)

### ...AND IS WELL BALANCED WITH REGARD TO FAIR VALUE



Recent portfolio: High share of portfolio companies at the beginning of their development phase

Portfolio value of €264.7mn corresponds to 1.4 times the original transaction value

















Top 1-5: 32%

Top 6-10: 26%

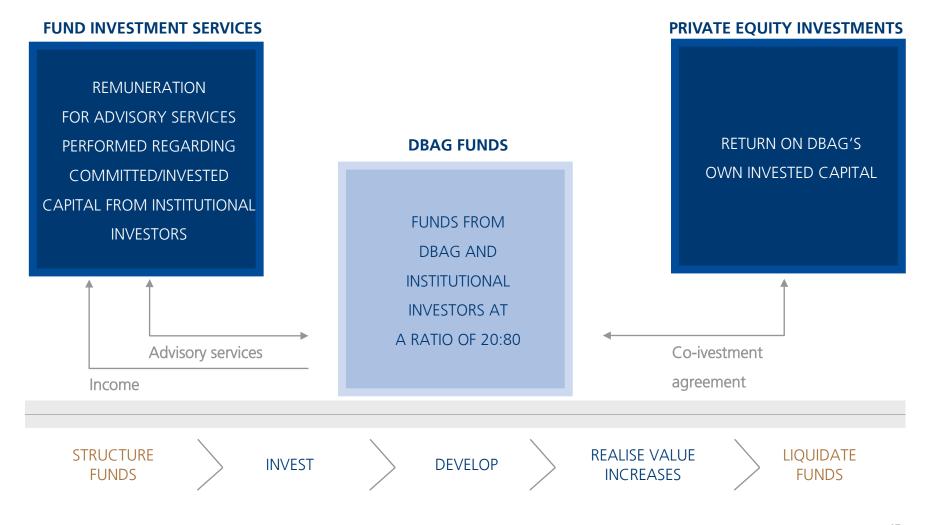
Top 11-15: 20%

Top 16-22: 16%

Not included: other investments, including investments in externally managed international buyout funds (6 percent of the portfolio value)

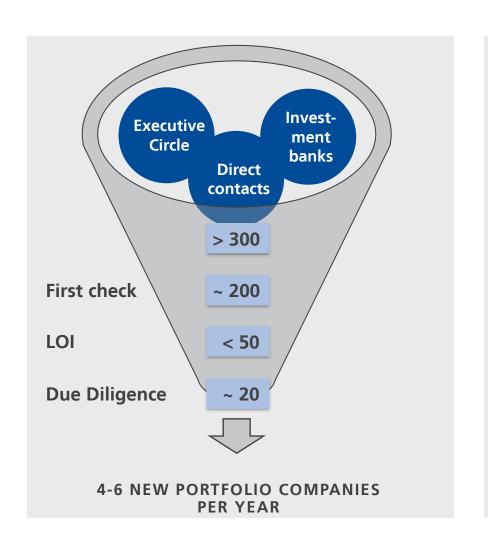
### DBAG CREATES VALUE FOR SHAREHOLDERS THROUGH TWO BUSINESS LINES





### INVESTING: PROVEN INVESTMENT PROCESS – SOUND BASIS TO DEVELOP COMPANIES







### SUPPORTING MID-MARKET BUSINESS MODELS: CASE STUDY PROXES (1/2)





### Entry in May 2013 at EV/EBITDA of 6.2x

- 18.6% interest held by DBAG,74.6% by DBAG Fund V
- €9.1mn invested from DBAG's balance sheet

# Divestment completed in July 2017: sold to a financial investor at EV/EBITDA of 11.1x

### 5.4x money multiple generated

- ~68% gross IRR
- Price reflects successful strategic and operational development
- Strong growth through buy-and-build concept: additional revenue potential tapped

### SUPPORTING MID-MARKET BUSINESS MODELS: CASE STUDY PROXES (2/2)



### Management and governance

- Investment team member served on the advisory board
- Comprehensive compliance and sustainability standards introduced

#### Strategic positioning

- Successful implementation of a buy-and-build concept: market leading solution provider established through three add-on acquisitions
- Common international sales network established and utilised
- Service business expanded
- Product innovations

### **Operational improvement**

Optimisation of production processes

Revenue increased by more than 130%





EBITDA grew by more than 220%



add-ons successfully completed





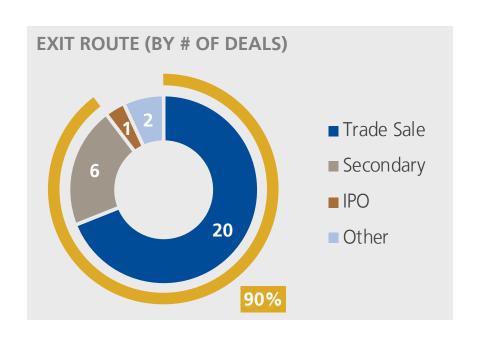
### REALISING THE VALUE: SUPERIOR INVESTMENT RETURNS – WEIGHTED AVERAGE CAPITAL MULTIPLE OF 2.9x

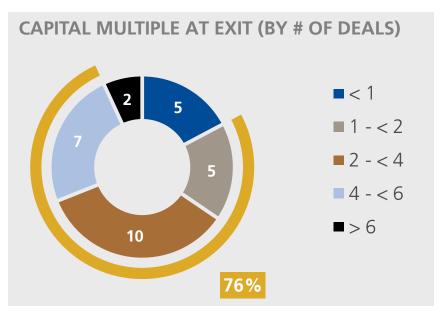


#### 29 of 45 MBOs exited since inception of buyout business 20 years ago

- Average holding period of 5.0 years
- Average capital multiple of 2.9x

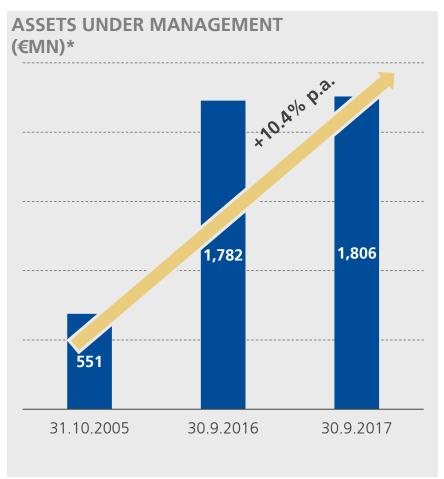
#### DBAG's portfolio companies typically attractive to strategic investors

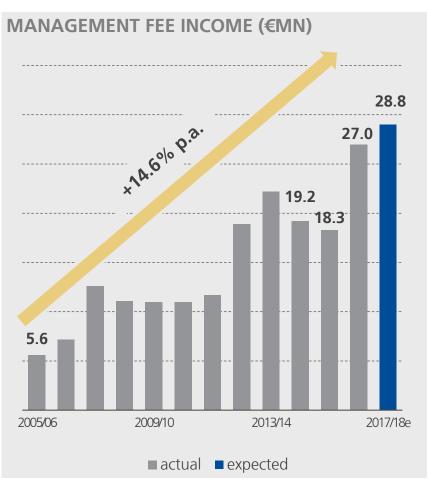




### STEEP INCREASE IN ASSETS UNDER MANAGEMENT AND MANAGEMENT FEE INCOME







<sup>\*</sup> Managed and advised assets, "Assets under Management" (AuM): invested capital of DBAG and the funds, callable capital commitments of funds and free financial resources of DBAG; DBAG's co-investment commitments are not included



Market Position

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### AVERAGE TOTAL SHAREHOLDER RETURN OF 13.2 PERCENT OVER TEN YEARS<sup>1</sup>



Average share price appreciation of 6.3% annually (1.10.2007-15.2.2018) – value contribution largely from dividends



### DIVIDEND POLICY FEATURING STABLE DIVIDEND



### **Dividend policy:**

- Differentiating between a base and surplus dividend discontinued
- Stable dividend will no longer be determined by profitable exits
- Dividend to increase whenever possible

Consistency facilitates dividend expectations

Attractive dividend yield targeted

Transparent and thereby even more shareholder-friendly

DIVIDEND PROPOSAL FOR 2016/2017

**>** 

1.40

3.9
PERCENT DIVIDEND
YIFI D\*

<sup>\*</sup> Based on average Xetra closing price for DBAG shares in financial year 2016/2017





## DBAG-PORTFOLIO (AS PER 31.12.2017)



	Company (alphabetically ordered)	Investment DBAG (cost, €mn)	Equity share DBAG (%)	Additional equity share DBAG Fund (%)	Business
M//// cleanpart	Cleanpart Group GmbH	7.1	18.0	76.6	Industrial services for the semi- conductor industry
<b>BRAUN</b> ® powerful solutions	Dieter Braun GmbH	5.9	16.5	70.3	Cable systems and interior vehicle lighting
DNSNET Antechase Zurant.	DNS:NET Internet Service GmbH	5.0	14.9	20.8	Telecommunications and IT services
duagon	duagon Holding AG	13.8	22.0	75.2	Network components for railway vehicles
FRIMO	Frimo Group GmbH	14.8	14.5	61.8	Tools and plants for the automotive industry
Gienanth	Gienanth GmbH	3.9	9.9	42.0	Machine- and hand-moulded castings for the automotive supply industry, production of large engine blocks
HEYtex*/	Heytex Bramsche GmbH	6.3	16.8	67.1	Manufacturer of technical textiles
INEXIO CONNECTING YOUR BUSINESS	inexio KGaA	7.5	6.9	9.5	Telecommunications and IT services
inflana	Infiana Group GmbH	4.3	17.4	74.1	Specialised films

## DBAG-PORTFOLIO (AS PER 31.12.2017)



	Company (alphabetically ordered)	Investment DBAG (cost, €mn)	Equity share DBAG (%)	Additional equity share DBAG Fund (%)	Business
HOLDING	JCK Holding GmbH Textil KG	8.8	9.5	6.5	Marketer of textiles and seller of merchandise
mageba	mageba AG	6.6	19.8	21.8	Products and services for infrastructure and building construction sectors
More than Meals ••••	More than Meals Europe S.à r.l.	22.6	18.2	80.9	Chilled ready meals and snacks
novopress	Novopress KG	2.3	18.9	20.9	Tool systems for the sanitary, electronic and construction industries
() OECHSLER	Oechsler AG	11.1	8.4	11.6	Plastics engineering for the industries of the future
Pfaudler Defining the standard	Pfaudler International S.à r.l.	12.2	17.7	75.5	Mechanical engineering company for the processing industry
PSS	Plant Systems & Services PSS GmbH	2.3	20.5	28.5	Services to the energy and process industries
POLYTECH health & aesthetics	Polytech Health & Aesthetics GmbH	13.3	18.5	78.8	Provider of high-quality silicone implants

### DBAG-PORTFOLIO (AS PER 31.12.2017)



	Company (alphabetically ordered)	Investment DBAG (cost, €mn)	Equity share DBAG (%)	Additional equity share DBAG Fund (%)	Business
Rheinhold & Mahla	Rheinhold & Mahla GmbH	12.0	15.7	17.3	Interior outfitting for ships and marine installations
Silbitz Group	Silbitz Group GmbH	5.4	16.5	70.5	Hand-moulded and automated moulded castings with steel and iron basis
Tel io	Telio Management GmbH	13.4	16.3	69.4	Communications and media systems for correctional facilities
	Unser Heimatbäcker GmbH	10.1	12.6	53.7	Bakery chain
vitronet Zukunft ist heutel	vitronet Projekte GmbH	11.9	43.9	47.9	Construction of fibre-optic networks

### NOT INCLUDED IN PORTFOLIO AS PER 31.12.2017

netzkontor nord GmbH	n.a.	n.a.	n.a.	Construction of fibre-optic networks
Sjølund A/S	n.a.	n.a.	n.a.	Aluminium and steel components
Radiology group	n.a.	n.a.	n.a.	Radiological examinations and therapy

### CLEANPART INVESTMENT OVERVIEW



#### **Business:**

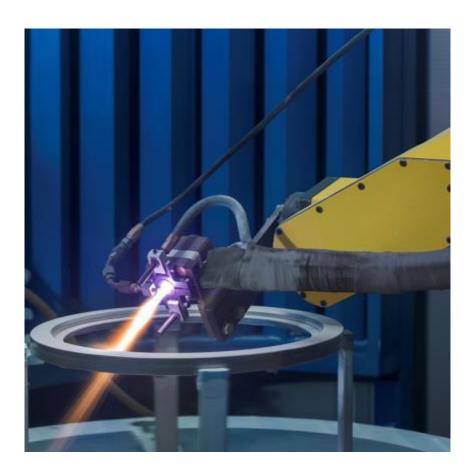
- Cleaning, coating and maintenance service provider for the semiconductor industry with own servicing facilities located in close proximity to major customers in Europe and the US
- #1 player in Europe, #3 in the US
- Headquartered in Asperg (Germany)

#### Ownership summary:

- Initial investment date: April 2015
- Investment share: 18.0% DBAG (€7.1mn)

#### **Transaction:**

MBO alongside DBAG Fund VI



### CLEANPART INVESTMENT CASE & COMPANY DEVELOPMENT

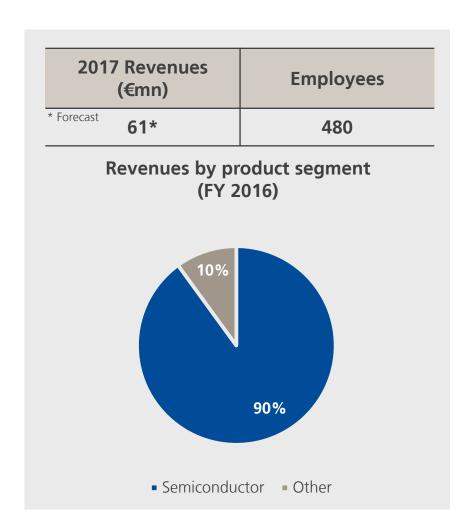


#### Investment case:

- Solid core business with exposure to attractive end-markets
- Explore add-on opportunities

#### **Development:**

- Restrained growth in the US more than compensated by higher-than-forecast development in Europe
- Revenues and earnings in the semiconductor business exceed budget
- Sale of healthcare business in November 2017; focus on semiconductor industry business



### DIETER BRAUN INVESTMENT OVERVIEW



#### **Business:**

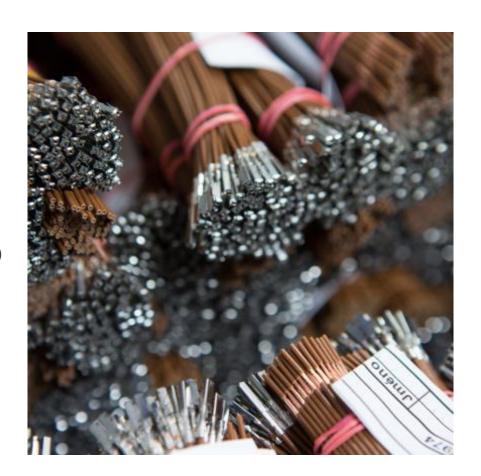
- Specialist and solutions provider in cable assembly and lighting for the automotive industry
- Headquartered in Bayreuth (Germany)

### Ownership summary:

- Initial investment date: January 2017
- Investment share: 16.5% DBAG (€5.9mn)

#### **Transaction:**

MBO, co-investment alongside DBAG
 Fund VI



### DIETER BRAUN INVESTMENT CASE & COMPANY DEVELOPMENT

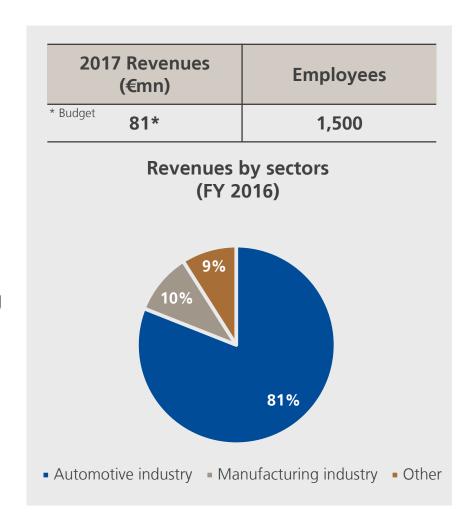


#### Investment case:

- Growth through facility expansion and new production lines
- Growth through new products and clients
- Internationalisation
- Assessment of opportunities for followon investment

#### **Development:**

- Company is benefiting from an increasing amount of electric and electronic components in vehicles
- Revenues and earnings showing positive development and likely to be in line with the 2017 budget
- Positive market outlook for 2018
- Capacity expansion planned to start 2018



### DNS:NET INVESTMENT OVERVIEW



#### **Business:**

- Provider of fibre-broadband internet access and telephone services in rural parts primarily in and around Berlin
- Headquartered in Berlin (Germany)

### Ownership summary:

- Initial investment date: September 2013
- Investment share: 14.9% DBAG (€5.0mn)

#### **Transaction:**

 Expansion capital investment alongside DBAG ECF



### DNS:NET INVESTMENT CASE & COMPANY DEVELOPMENT

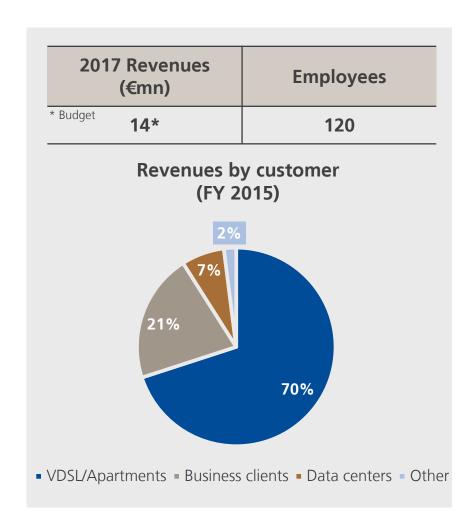


#### Investment case:

- Regional roll-out of proven business model in Eastern Germany
- Broadening of product portfolio to address business clients

#### **Development:**

- Strong growth through substantial infrastructure roll-out
- Accelerated sales efforts lead to strong increase in customer base, particularly in the private customer segment



### DUAGON INVESTMENT OVERVIEW



#### **Business:**

- Provider of network components for rolling stock communication
- Headquartered in Dietikon (Switzerland)

### Ownership summary:

- Initial investment date: July 2017
- Investment share: 22.0% DBAG (€13.8mn)

#### **Transaction:**

MBO, co-investment alongside DBAG
 Fund VII



## DUAGON INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Expansion of product portfolio and increasing global sales to become a onestop provider for rolling stock communication technology
- Broadening direct sales coverage in China to grow business with local OEMs
- Emphasized rollout of Ethernet technology

- Strong growth through increasing demand from China
- Stronger focus on previously neglected markets such as India, Japan and the Americas
- Positive development of incoming orders expected for 2018
- Expansion of capacity planned



## FRIMO INVESTMENT OVERVIEW



### **Business:**

- Leading manufacturer of customised machines & tools for quality interior automotive parts
- Headquartered in Lotte (Germany)

## Ownership summary:

- Initial investment date: November 2016
- Investment share: 14.5% DBAG (€14.8mn)

- Family succession
- MBO alongside DBAG Fund VI



## FRIMO INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Expansion of the business in existing markets
- Growth with service and spare parts business
- Accelerate growth by add-on acquisitions (B+R Steuerungstechnik April 2017)

- Strong market position in Europe and North America
- Company benefits from high order backlog and positive market sentiment
- Revenues developing in line with budget



## GIENANTH INVESTMENT OVERVIEW



#### **Business:**

- Market leader in complex iron castings, employing two technologies:
  - Hand moulding (small volume production of large engine blocks)
  - Machine moulding (large volume production of driveline parts for the automotive industry)
- Headquartered in Eisenberg (Germany)

## Ownership summary:

- Initial investment date: March 2015
- Investment share: 9.9% DBAG (€3.9mn)

- Secondary buyout from trusteeship alongside DBAG Fund VI
- Successful capital increase by Sistema in 2016; DBAG reduced its share



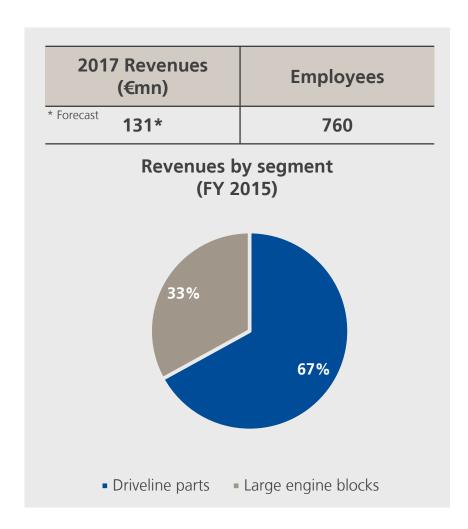
## GIENANTH INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Solid presence in an attractive industry
- Achieve further operational improvements
- Explore add-on opportunities

- Slight recovery of the markets is shown by an increase in incoming orders
- Stable market share
- Revenues and earnings in 2017 to exceed budget and prior year



## HEYTEX INVESTMENT OVERVIEW



### **Business:**

- Manufacturer of technical textiles and industrial applications
- Leading market position in various industries in Europe and North America
- Headquartered in Bramsche (Germany)

## Ownership summary:

- Initial investment date: December 2012
- Investment share: 16.8% DBAG (€6.3mn)

- Secondary buyout
- MBO alongside DBAG Fund V



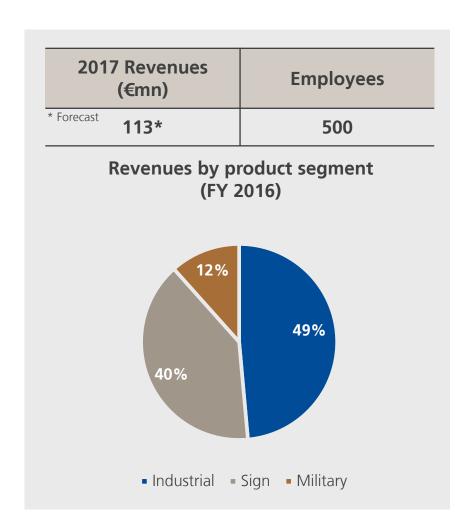
## HEYTEX INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Sales expansion by strengthening and further internationalising sales force
- Market entry US
- New products
- Operational improvements

- 2017 orders had noticeably improved
- Revenues in 2017 to exceed budget and prior year, in particular due to positive developments in China and the US
- Excellent cash conversion
- Capacity expansion with a new production line expected for 2018



## INEXIO INVESTMENT OVERVIEW



#### **Business:**

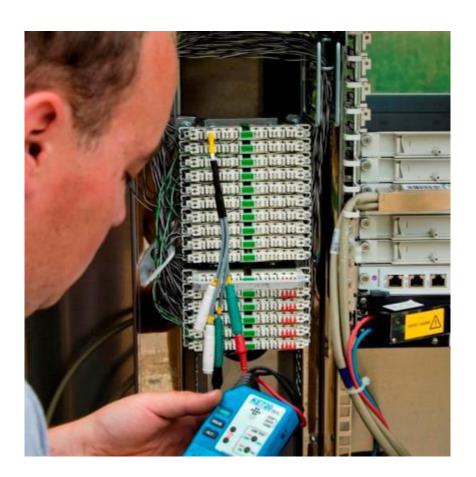
- Provider of fibre-broadband internet and telephone access in rural parts of Southern Germany
- Headquartered in Saarlouis (Germany)

### Ownership summary:

- Initial investment date: May 2013
- Investment share: 6.9% DBAG (€7.5mn)

### **Transaction:**

 Expansion capital investment alongside DBAG ECF



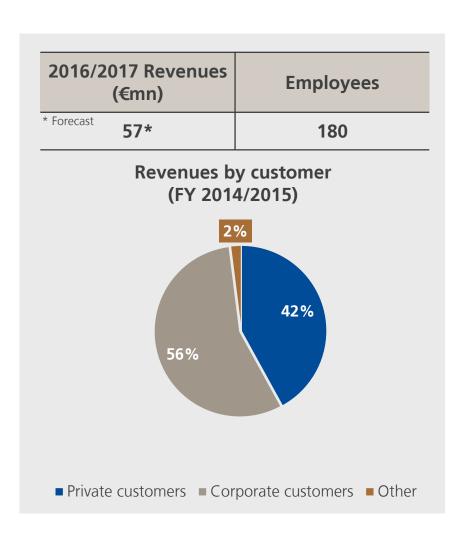
## INEXIO INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Rapid roll-out of proven business model
- Accelerate growth by add-on acquisitions

- Roll-out of infrastructure investments according to plan
- Growth in customer base, revenues and earnings indicate an increase from the previous year
- Minority investment by Warburg Pincus in 2016; DBAG increases share as part of the capital increase
- Additional add-on acquisition made in 2017



## INFIANA INVESTMENT OVERVIEW



### **Business:**

- Developer & manufacturer of plastic films, end-markets:
  - Hygiene/Healthcare
  - Building/Construction
  - Adhesive tapes/special labels
- Global production footprint with sites in Germany, USA and Thailand
- Headquartered in Forchheim (Germany)

## Ownership summary:

- Initial investment date: December 2014
- Investment share: 17.4% DBAG (€4.3mn)

- Corporate spin-off (Huhtamaki Group)
- MBO alongside DBAG Fund VI



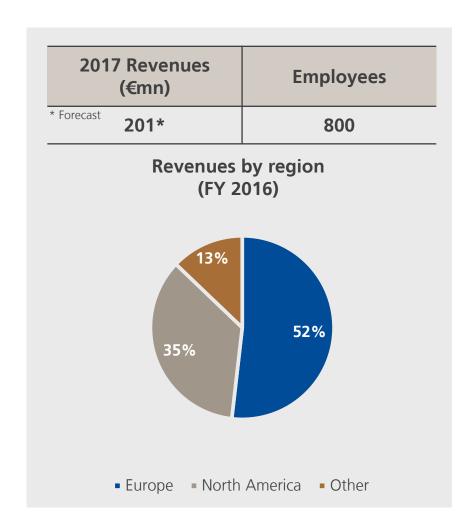
## INFIANA INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Exposure to attractive core markets
- Capacity expansion at existing sites
- Product innovations to increase share-ofwallet
- Explore add-on opportunities

- Company expects ongoing positive volume development
- Unfavourable development of exchange rate (US\$) and raw material prices putting pressure on profitability
- Recapitalisation completed in April 2017
- Commissioning of a new production machine planned for 2018



## JCK INVESTMENT OVERVIEW



### **Business:**

- Trading company for textiles, sportswear and other products
- Market-leading supplier to discount chains especially large supermarket operations
- Headquartered in Quakenbrück (Germany)

### Ownership summary:

- Initial investment date: June 2015
- Investment share: 9.5% DBAG (€8.8mn)

- Acquisition of investment from AlpInvest Partners
- Expansion capital investment alongside DBAG ECF



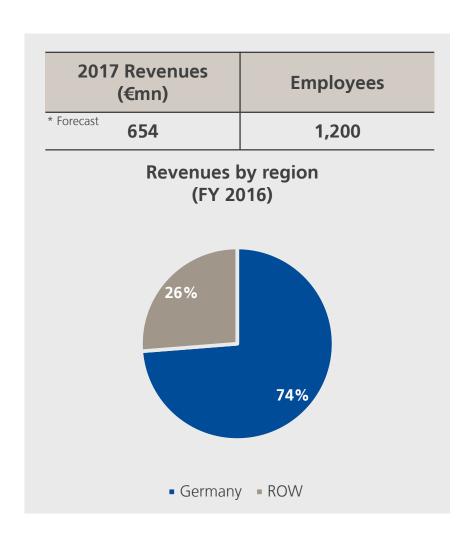
## JCK INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Solid core business with a stable customer base
- Attractive growth investment
- Increase revenues share of merchandising articles

- Strong growth within all business segments, both organic and anorganic
- Recent add-on acquisition is performing very positively
- Stronger focus on merchandising business unit
- Revenues and earnings for FY 2017 expected to exceed prior year



## MAGEBA INVESTMENT OVERVIEW



### **Business:**

- Leading global provider of structural bearings, expansion joints and other products and services for the infrastructure and building sector
- Headquartered in Bülach (Switzerland)

## Ownership summary:

- Initial investment date: February 2016
- Investment share: 19.8% DBAG (€6.6mn)

- Share purchase and capital increase
- Expansion capital investment alongside DBAG ECF



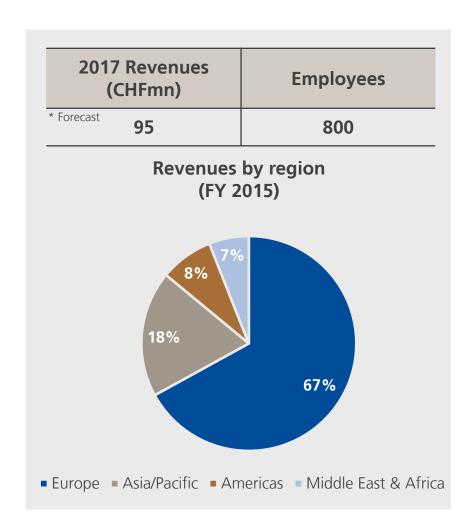
## MAGEBA INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Increase market penetration with existing product portfolio to support revenue growth
- Further internationalisation and development of new products
- Growth opportunities in protection of buildings from seismic forces of earthquakes

- Revenues and earnings below budget
- Company benefited from public infrastructure programmes
- Implementation of group-wide strategic purchasing
- In 2017 a new production site was established in Slovenia



## MORE THAN MEALS INVESTMENT OVERVIEW



### **Business:**

- Pan-European manufacturer of private label chilled convenience food
- #1 player in UK, #1 player in Germany
- Headquartered in Luxembourg

## Ownership summary:

- Initial investment date: April 2017
- Investment share: 18.2% DBAG (€22.6mn)

### **Transaction:**

MBO, co-investment alongside DBAG
 Fund VII and its top-up fund



## MORE THAN MEALS INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- International sales opportunities
- New product development
- Explore further add-on opportunities that allow to complement the portfolio

- Company is benefiting from a rapidly growing sector
- Business was shaped by negative development of commodity prices in 2017



## NOVOPRESS INVESTMENT OVERVIEW



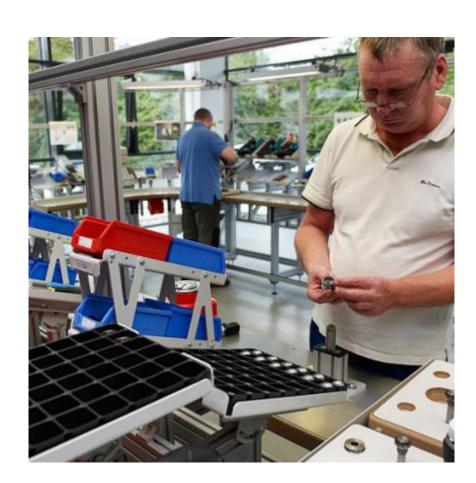
### **Business:**

- Leading developer and manufacturer of tool systems for the sanitary, electrotechnical and construction industries
- Strong position in a niche market
- Headquartered in Neuss (Germany)

## Ownership summary:

- Initial investment date: June 2015
- Investment share: 18.9% DBAG (€2.3mn)

- Acquisition of investment from AlpInvest Partners
- Expansion capital investment alongside DBAG ECF



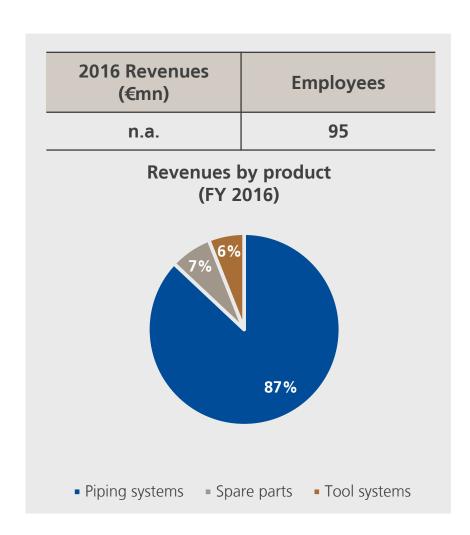
## NOVOPRESS INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Further expansion of the pipe connecting technology business
- Further internationalisation
- Attractive growth investment

- Record revenues and earnings expected for 2017
- Strong growth, particularly due to expansion of sales in North America
- Expansion of market position
- Opening of a new warehouse completed in 2017
- Capacity expansion also planned for 2018 and 2019



# OECHSLER INVESTMENT OVERVIEW



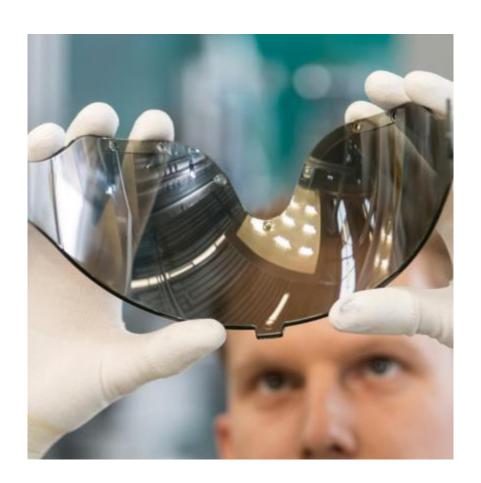
### **Business:**

- Leading producer of injection-moulded precision parts and electro-mechanical components
- Production sites in Europe (Germany, Romania), North America (Mexico) and Asia (China)
- Headquartered in Ansbach (Germany)

## Ownership summary:

- Initial investment date: March 2015
- Investment share: 8.4% DBAG (€11.2mn)

- Share purchase
- Expansion capital investment alongside DBAG ECF



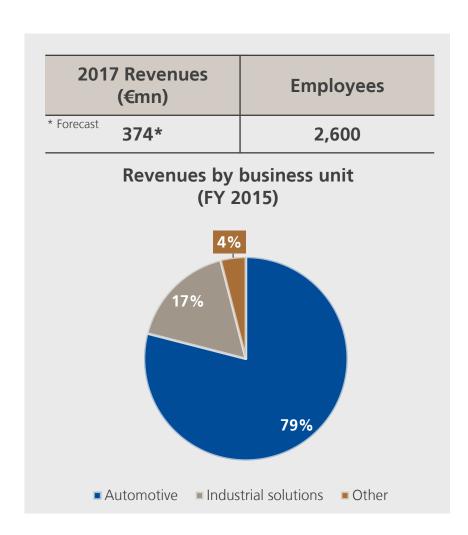
## OECHSLER INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- New product development based on core technology
- Diversification of customer base
- Further market penetration with existing product portfolio
- Select add-on acquisitions to integrate value chain and/or add specific competencies

- Company is exhibiting above-budget growth
- Roll-out of a new factory ongoing
- Successful diversification of customer base



## PFAUDLER INVESTMENT OVERVIEW



### **Business:**

- Global market-leading manufacturer of glass-lined reactors and components for the chemical and pharmaceutical industries
- Provider of aftermarket parts and services based on its own products
- Operating 9 production sites in Europe (4),
   Americas (3) and Asia (2)

### Ownership summary:

- Initial investment date: December 2014
- Investment share: 17.7% DBAG (€12.2mn)

- Corporate spin-off (National Oilwell Varco Inc.)
- MBO alongside DBAG Fund VI



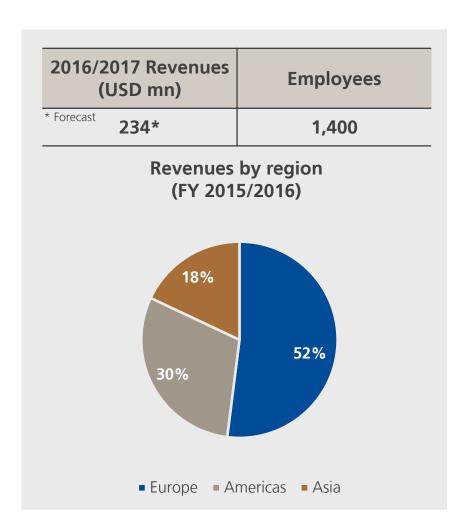
## PFAUDLER INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Optimisation of core business
- Expansion & improvement of the aftermarket business
- Shift from product to process/service orientation

- Competitive environment in Europe remains challenging
- FY 2016/2017 earnings exceeded budget
- Strong development of the add-on acquisition Montz – key contribution to the improvement in earnings
- Further growth for FY 2017/2018 expected
- Three successful add-on acquisitions in the third quarter of 2017



## PSS

## INVESTMENT OVERVIEW



#### **Business:**

- Group of specialised companies that provide services for the energy and process industries, e.g. for power plants and chemical companies
- Headquartered in Bochum (Germany)

## Ownership summary:

- Initial investment date: December 2012
- Investment share: 20.5% DBAG (€2.3mn)

### **Transaction:**

Expansion capital investment,
 co-investment alongside DBAG ECF



## PSS

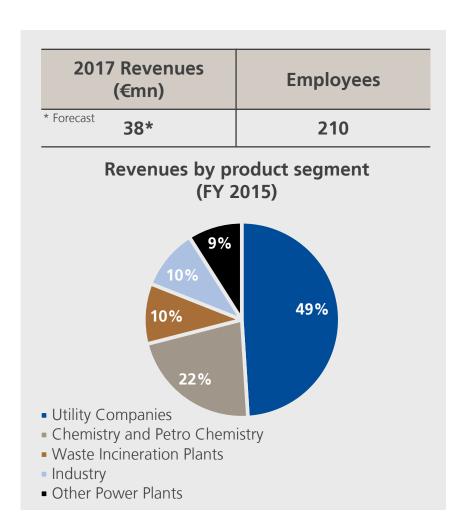
## INVESTMENT CASE & COMPANY DEVELOPMENT



#### **Investment case:**

- Buy-and-build concept
- Conversion of PSS to more diversified and stable service business

- Revenue growth is slightly below budget
- Underutilisation of existing capacities putting pressure on earnings
- Increased sales activities facilitate market entry in new regions and with new customers
- The market environment is being shaped by strong price pressure



## POLYTECH HEALTH & AESTHETICS INVESTMENT OVERVIEW



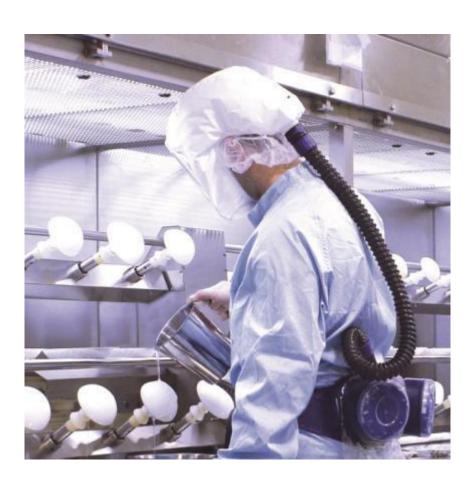
#### **Business:**

- Manufacturer of silicone implants for plastic and reconstructive surgery
- Strong sales footprint in Germany,
   Western Europe and Brazil
- Headquartered in Dieburg (Germany)

### Ownership summary:

- Initial investment date: October 2016
- Investment share: 18.5% DBAG (€13.3mn)

- Acquisition of investment from owner/founder
- MBO alongside DBAG Fund VI
- Merger with strategic partner



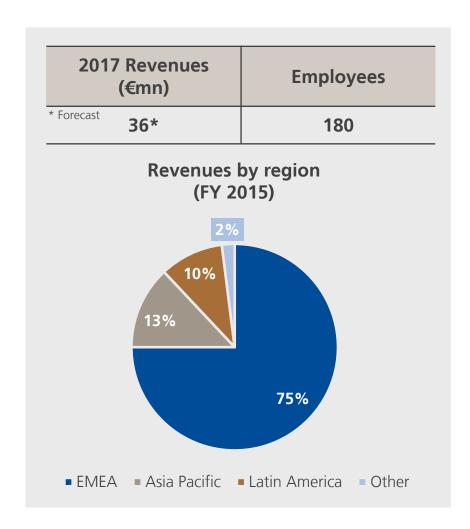
## POLYTECH HEALTH & AESTHETICS INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Fast growing business in a growing market
- Strengthening market presence and gaining market share in established countries
- Further developing newly entered markets and enter new markets

- Superior reliability and high production standards ("Made in Germany")
- Significantly capacity expansion thanks to opening a new production facility at the end of 2017
- Rising material costs and performance of exchange rate dampen earnings expectations



## RHEINHOLD & MAHLA INVESTMENT OVERVIEW



### **Business:**

- Leading supplier of the maritime industry focusing of interior fittings of cruise ships and ferryboats
- Headquartered in Hamburg (Germany)

## Ownership summary:

- Initial investment date: September 2016
- Investment share: 15.7% DBAG (€12.0mn)

- Share purchase
- Expansion capital investment alongside DBAG ECF



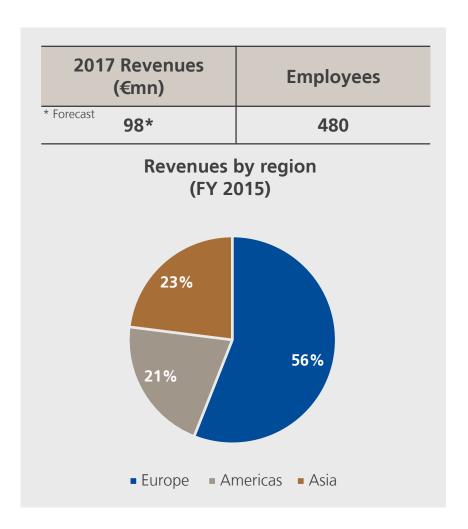
## RHEINHOLD & MAHLA INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Expansion of the business in existing markets
- Growth of service business (maintenance and upgrading of cruise ships)
- Further internationalisation to Northern Europe and China

- Well positioned company with a strong brand in fragmented competitive environment
- Growing end market cruise tourism
- Expiry of a large-scale order in 2017 led to decrease of revenues and earnings
- Current strong order intake will be reflected in revenues in 2018



## SILBITZ INVESTMENT OVERVIEW



#### **Business:**

- Operator of three iron foundries in:
  - Silbitz casting of various materials on an iron and steel basis in handmoulded and automated machinemoulded processes
  - Zeitz focusing on wind energy systems
  - Košice casting of various materials with a high degree of individualisation
- Headquartered in Silbitz (Germany)

## Ownership summary:

- Initial investment date: August 2015
- Investment share: 16.5% DBAG (€5.4mn)

- Secondary buyout
- MBO alongside DBAG Fund VI



## SILBITZ INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Solid presence in an attractive industry
- Expand melting capacities in Zeitz to enable manufacturing of larger castings
- Strengthen the geographical presence
- Further operational improvements
- Explore add-on opportunities

- Positive development of market environment also expected for 2018
- Rising capacity utilisation on the back of positive demand
- Revenues and earnings in 2017 exceed budget and prior year again



## TELIO INVESTMENT OVERVIEW



### **Business:**

- European market leader in inmate communication solutions for the corrections industry
- Develops, installs and operates communications and media systems in prisons
- Headquartered in Hamburg (Germany)

## Ownership summary:

- Initial investment date: April 2016
- Investment share: 16.3% DBAG (€13.4mn)

- Acquisition of investment from family office
- MBO alongside DBAG Fund VI



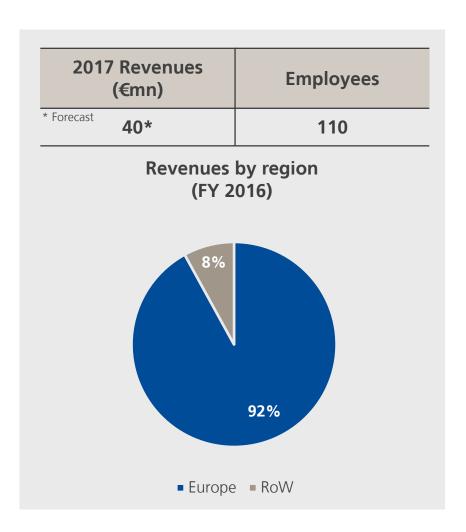
## TELIO INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Harvest identified upselling opportunities within existing markets
- Add further revenue streams by winning tenders in new markets and applying new products
- Accelerate growth by add-on acquisitions

- High margin business with value creation potential
- Market growth sustainably strong through internationalisation
- Further revenue potential thanks to participation in tenders in early 2018
- Follow-on investment in Spain (2016) developing very positively
- Another acquisition completed in Q4 2017



# UNSER HEIMATBÄCKER INVESTMENT OVERVIEW



### **Business:**

- Bakery chain, > 400 outlets under the brands "Unser Heimatbäcker" and "Lila-Bäcker" as well as wholesale business, > 1,500 customers
- Market leader in its geographic area of operations, #5 in Germany
- Headquartered in Pasewalk (Germany)

## Ownership summary:

- Initial investment date: May 2014
- Investment share: 12.6% DBAG (€10.1mn)

- Secondary buyout
- MBO alongside DBAG Fund VI



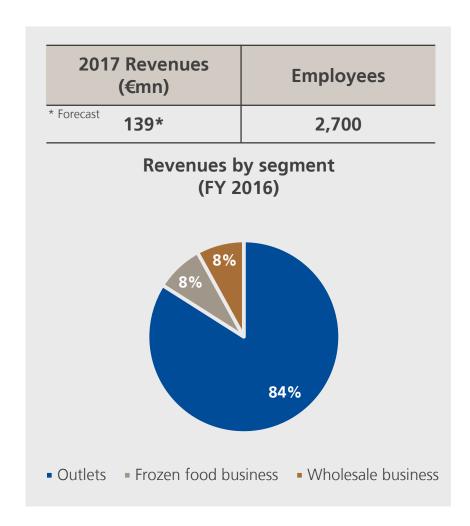
# UNSER HEIMATBÄCKER INVESTMENT CASE & COMPANY DEVELOPMENT



#### Investment case:

- Expansion of B-2-C business (outlets)
- Buy-and-build concept by further consolidations of the existing market or expansion of the regional footprint by the acquisition of competing bakery chains
- Expansion of the wholesale business

- Latest forecast for 2017 below prior year and budget
- Increase in personnel costs due to the minimum wage and negative development of the product mix put pressure on profitability
- Challenging market environment due to shortage of specialised personnel



# VITRONET INVESTMENT OVERVIEW



### **Business:**

- Service provider for telecommunication networks focusing on fiber optic networks
- Headquartered in Essen (Germany)

## Ownership summary:

- Initial investment date: June 2017
- Investment share: 43.4% DBAG (€11.9mn)

- Family succession
- Co-investment alongside DBAG ECF



# VITRONET INVESTMENT CASE & COMPANY DEVELOPMENT

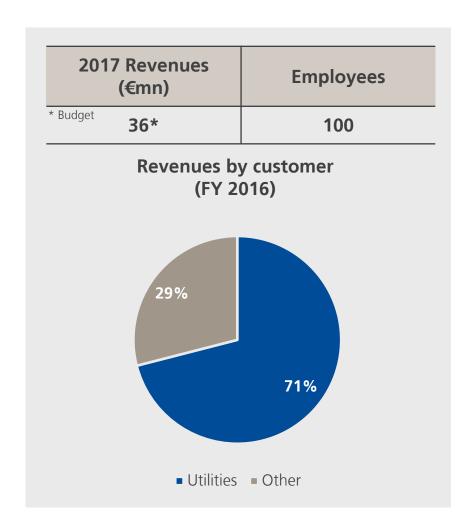


#### Investment case:

- Expansion of regional coverage in Germany and diversification of the customer base
- Growth of maintenance and service business
- Market participation with an extended product portfolio

### **Development:**

- Rapidly growing business driven by rising demand for high speed internet and government subsidies
- Further sales and earnings growth expected for 2018 and going forward
- Realisation of two acquisitions to expand value chain



# RADIOLOGY GROUP<sup>1</sup> INVESTMENT OVERVIEW



#### **Business:**

- Radiology service provider offering inpatient and outpatient radiological examinations and therapy
- Headquartered in Herne and Unna (both in Germany)

### Ownership summary:

 Initial investment date: signing in March 2017, closing outstanding

#### **Transaction:**

MBO, co-investment alongside DBAG
 Fund VII



<sup>&</sup>lt;sup>1</sup> Investment not yet completed at 31 December 2017

# RADIOLOGY GROUP<sup>1</sup> INVESTMENT CASE & COMPANY DEVELOPMENT

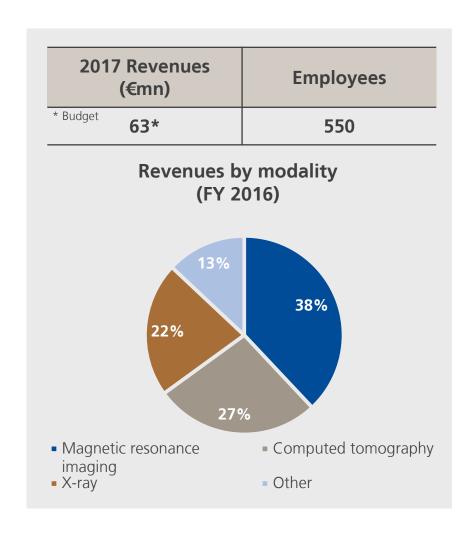


#### Investment case:

- Accelerate growth through active buyand-build strategy
- Strong consolidations of the radiology market
- Expand service portfolio as well as joint ventures with hospitals

### **Development:**

- Company is benefiting from an increasing demand for radiological examinations and treatments
- Trend by hospitals to outsource their radiology departments to external practices



<sup>&</sup>lt;sup>1</sup> Investment not yet completed at 31 December 2017

# NETZKONTOR<sup>1</sup> INVESTMENT OVERVIEW



#### **Business:**

- Services relating to the planning and supervision of fibre-optic cable construction
- Network management for operators of fibre-optic networks
- Headquartered in Flensburg (Germany)

### Ownership summary:

Initial investment date: Signing in
 December 2017, completed in January
 2018

#### **Transaction:**

MBO, co-investment alongside DBAG
 FCF



<sup>&</sup>lt;sup>1</sup> Investment not yet completed at 31 December 2017

# NETZKONTOR<sup>1</sup> INVESTMENT CASE & COMPANY DEVELOPMENT

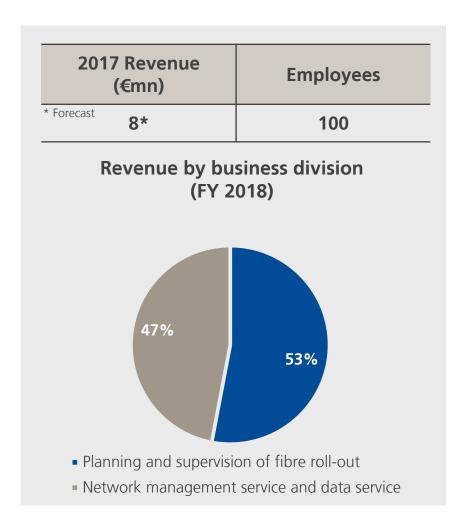


#### Investment case:

- Regional expansion and diversification of the customer base
- Buy-and-build strategy

### **Development:**

- Benefiting from strong reputation as a reliable, high-quality provider and from project management expertise
- Market demand strongly supported by further government subsidies



<sup>&</sup>lt;sup>1</sup> Investment not yet completed at 31 December 2017

# SJØLUND A/S<sup>1</sup> INVESTMENT OVERVIEW



#### **Business:**

- Manufacturer of aluminium and steel components for the wind power and rail industry, the construction sector and the mechanical engineering industry
- Headquartered in Sjølund (Denmark)

### Ownership summary:

Initial investment date: Signing in
 December 2017, completed in Janaury
 2018

#### **Transaction:**

MBO, co-investment alongside DBAG
 ECF



<sup>&</sup>lt;sup>1</sup> Investment not yet completed at 31 December 2017

# SJØLUND A/S<sup>1</sup> INVESTMENT CASE & COMPANY DEVELOPMENT

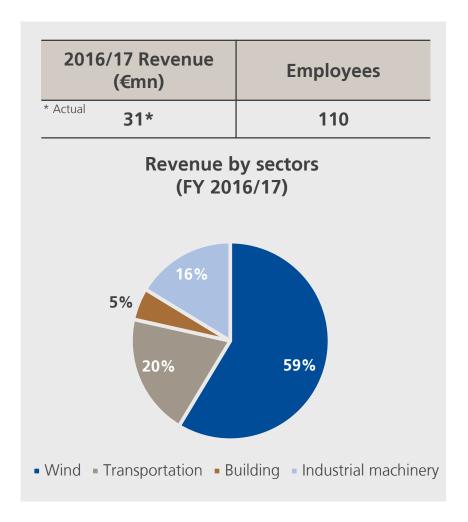


#### Investment case:

- Expansion of business with existing customers in high-growth markets (China, USA)
- Restructuring of sales activities with a focus on the mechanical engineering sector

### **Development:**

 Company is operating in markets which are expected to grow significantly over the next years, driven by megatrends (use of renewable energy, global population growth, urbanisation)



<sup>&</sup>lt;sup>1</sup> Investment not yet completed at 31 December 2017

### SUCCESSFUL MBOS (1/2): AVERAGE CAPITAL MULTIPLE OF 2.9X



Company	Invested	Divested	Holding period (years)	Exit route	Capital Multiple
ZGS-Bildungs GmbH ("Schülerhilfe")	Oct-2013	Jul-2017	~ 3.7	Secondary Buyout	3.9
Formel D GmbH	May-2013	Jul-2017	~ 4.2	Secondary Buyout	4.9
ProXES GmbH	May-2013	Jul-2017	~ 4.1	Secondary Buyout	5.4
Romaco GmbH	Apr-2011	Jun-2017	~ 6.3	Trade Sale	2.4
FDG S.A.	Jun-2010	Apr-2017	6.8	Secondary buyout	2.4
Broetje-Automation GmbH	Mar-2012	Oct-2016	4.6	Trade sale	4.1
Clyde Bergemann Power Group	May-2005	Apr-2016	10.9	Trade sale	0.3
Spheros GmbH	Dec-2011	Mar-2016	4.3	Trade sale	2.5
Homag Group AG	Feb-2007	Oct-2014	7.7	Trade sale	2.8
Coveright Surfaces GmbH	Jun-2003	Jan-2013	9.6	Trade sale	1.2
ICTS Europe B.V.	Mar-2008	Dec-2012	4.8	Write-off	0.0
Coperion GmbH	Jul-2007	Nov-2012	5.3	Trade sale	4.2
Preh GmbH	Oct-2003	Dec-2012	9.2	Trade sale	3.1
Heim & Haus GmbH	Sep-2006	May-2011	4.7	Buy-back	1.9
MCE AG	Apr-2007	Oct-2009	2.5	Trade sale	4.1

## SUCCESSFUL MBOS (2/2): AVERAGE CAPITAL MULTIPLE OF 2.9X



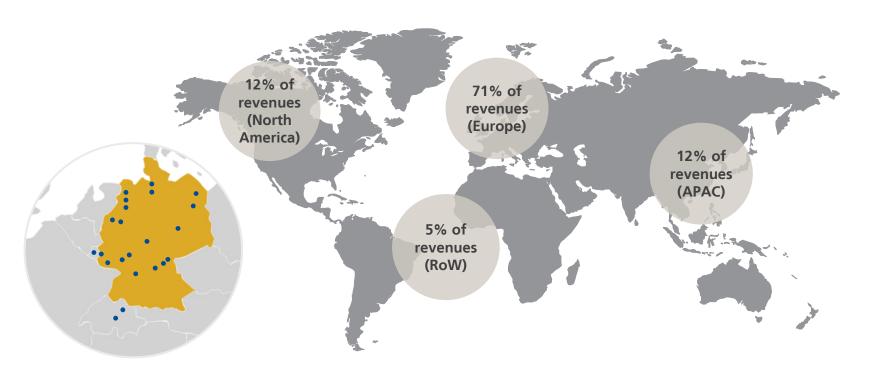
Company	Invested	Divested	Holding period (years)	Exit route	Capital Multiple
Lewa GmbH	Sep-2005	Aug-2009	3.9	Trade sale	7.3
AkSys GmbH	Nov-2001	Oct-2008	6.9	Trade sale	0.1
DS Technologie GmbH	Jul-1998	Oct-2007	9.3	Trade sale	1.3
HT Engineering GmbH	Jun-2002	Jun-2006	4.0	Trade sale	6.2
Zapf GmbH	Nov-1999	Apr-2006	6.4	Trade sale	0.1
Otto Sauer Achsenfabrik GmbH	Apr-2004	Mar-2006	1.9	Secondary buyout	4.1
Babcock Borsig Service GmbH	Nov-2003	Apr-2005	1.4	Trade sale	5.8
Andritz AG	Dec-1999	Aug-2004	4.4	IPO	2.0
Edscha AG	Oct-2000	Dec-2002	2.2	Secondary buyout	1.8
Sebaldus GmbH	Aug-1997	Nov-2000	3.3	Trade sale	3.5
Libro AG	Feb-1997	Jul-2001	3.4	Trade sale	1.6
Euvita KG	Jul-1997	Aug-2000	3.1	Trade sale	0.9
GAH AG	Jul-1998	Jul-2000	2.0	Trade sale	3.7
Schoeller & Hoesch KG	May-1997	Dec-1998	1.6	Trade sale	2.6
Average			5.0		2.9

# THE DBAG PORTFOLIO IS NATIONALLY ROOTED AND GLOBALLY ACTIVE



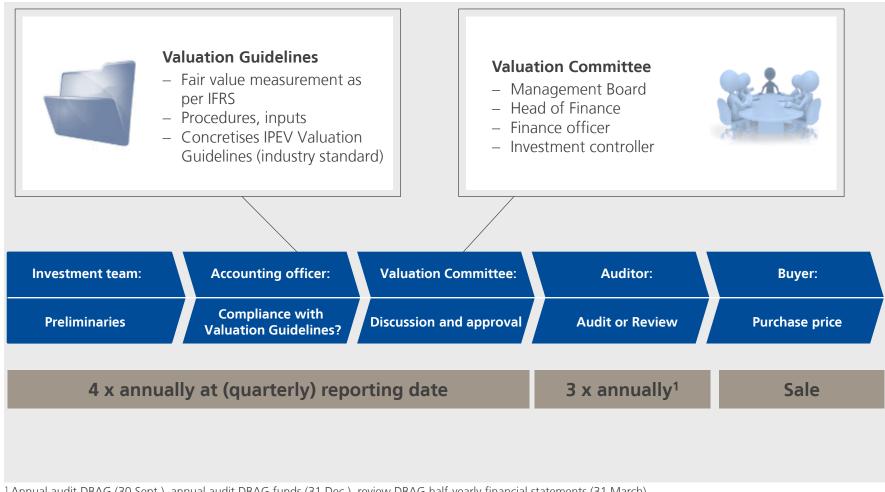
### Portfolio companies with internationally successful business models

- More than 80% of the portfolio companies are located in Germany; 80% of the portfolio companies operate globally
- Combined turnover of €3.3bn generated from more than 100 countries



# WORLDWIDE ACCEPTED VALUATION GUIDELINES FOR COMPANIES IN MULTI-STAGE PROCESS

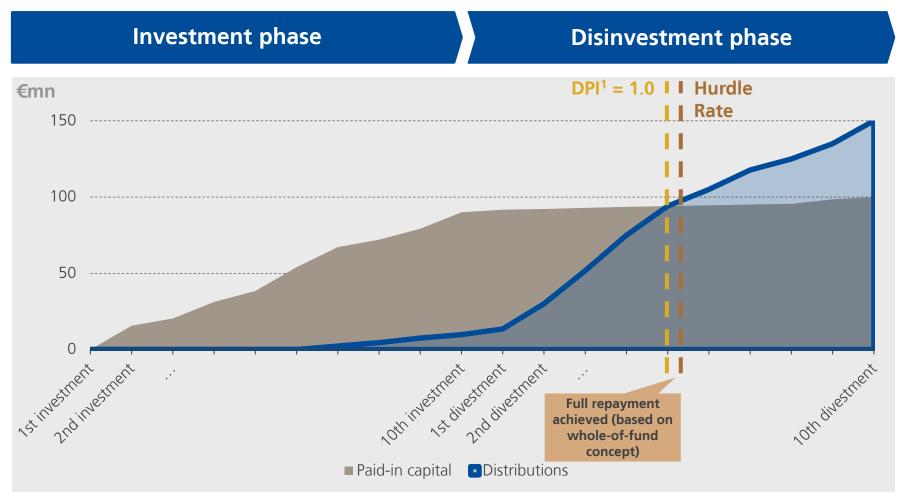




<sup>&</sup>lt;sup>1</sup> Annual audit DBAG (30 Sept.), annual audit DBAG funds (31 Dec.), review DBAG half-yearly financial statements (31 March)

# MODALITY OF CARRIED INTEREST: EXEMPLARY REPRESENTATION

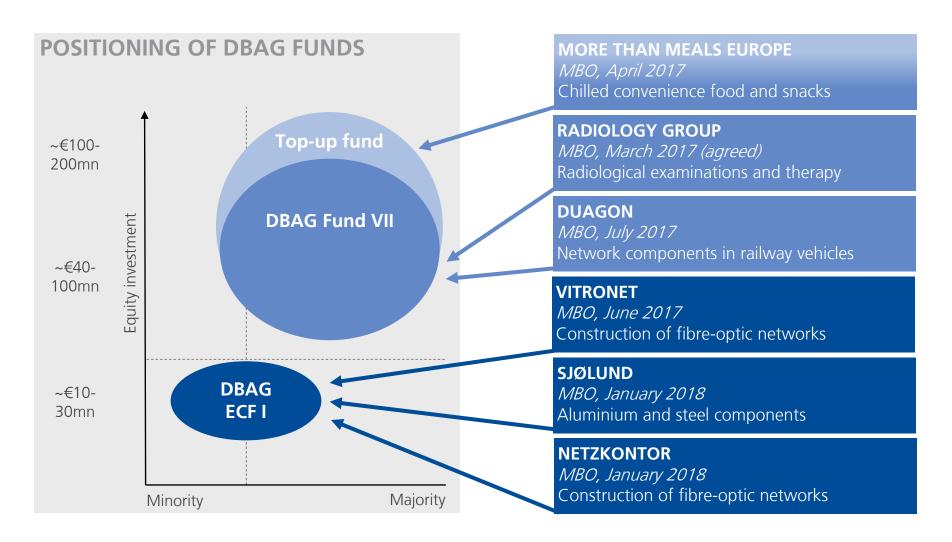




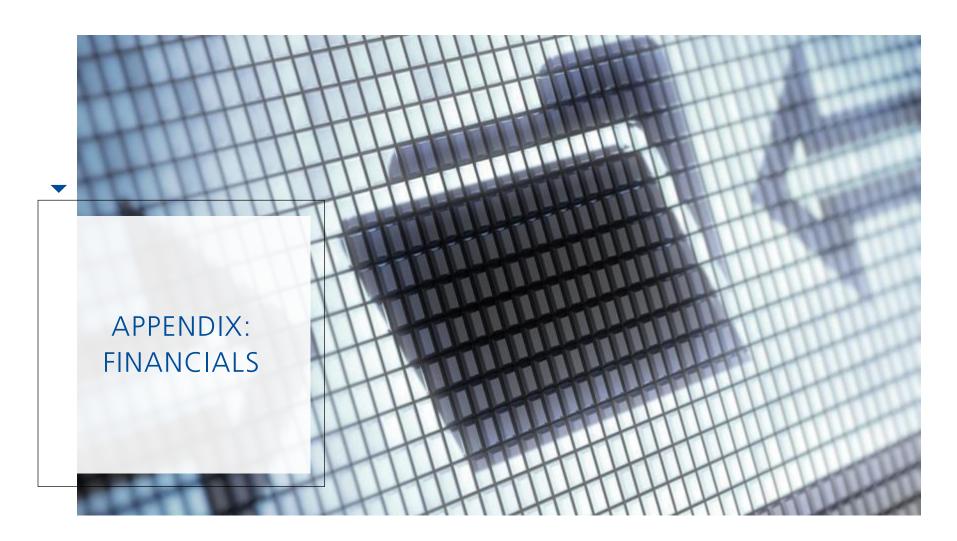
<sup>&</sup>lt;sup>1</sup> Distributions to paid-in capital

### COURSE SET FOR NEW INVESTMENT OPPORTUNITIES









# KEY P&L FIGURES: PROFITABLE IN THE SHORT AND LONG TERM



				Q1	Q1
_(€mn)	2014/15 <sup>1</sup>	2015/16	2016/2017	2016/17	2017/18
Net result of investment activity	29.2	59.4	94.3	17.5	13.0
Fee income from fund management and					
advisory services	19.2	18.3	27.0	4,9	6.9
Other income / expenses	-21.3	-28.4	-30.9	-8.2	-8.5
EBIT	26.8	49.8	90.8	14.2	11.5
EBT	27.1	49.3	90.4	14.1	11.5
Net income	27.0	49.5	90.4	14.1	11.4





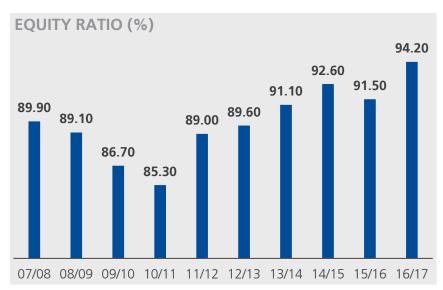
<sup>&</sup>lt;sup>1</sup> Truncated eleven-month financial year 2014/2015

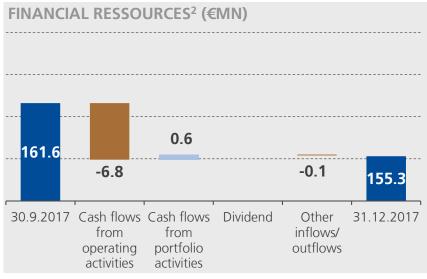
### SOLID BALANCE SHEET



(€mn)	30.9. 2015	30.9. 2016	30.9. 2017	31.12. 2017
Financial assets incl. loans and receivables	250.2	316.3	262.6	283.4
Other assets	18.7	15.3	48.2 <sup>1</sup>	51.1 <sup>1</sup>
Financial resources <sup>2</sup>	58.3	72.6	161.6	155.3
Total	327.2	404.2	472.4	489.8

(€mn)	30.9. 2015	30.9. 2016	30.9. 2017	31.12. 2017
Equity	303.1	369.6	444.9	456.4
Non current liabilities	8.9	15.2	11.5	11.3
Current liabilities	15.2	19.4	16.1	22.0
Total	327.2	404.2	472.4	489.8





<sup>&</sup>lt;sup>1</sup> including fixed-term jouissance rights in the amount of €25.7mn; <sup>2</sup> including line items "Cash and cash equivalents", "Long-term securities and "Short-term securities"

# BUSINESS PERFORMANCE BY SEGMENTS: PRIVATE EQUITY INVESTMENTS



(€mn)	Q1 2017/18	Q1 2016/2017
Net result of investment activity	13.0	17.5
Other income/ expenses	-2.2	-3.3
Net income before taxes	10.8	14.2

(€mn)	31.12.2017	30.9.2017
Financial assets incl. loans and receivables	283.4	262.6
Other financial instruments	35.9	35.6
Financial resources	155.3	161.6
Bank liabilities	0	0
Net asset value	474.5	459.9
	155.0	
Financial resources	155.3	161.6
Credit line	50	50
Available liquidity	205.3	211.6
Co-investment commitments	256.4	253.7

Net results of investment activity largely mirrors the value growth of the portfolio

No earnings contribution from the sale of a portfolio company in the first quarter

Earnings saw a drop in valuation multiples

### PORTFOLIO VALUE INCREASED BY 13 MILLION EUROS



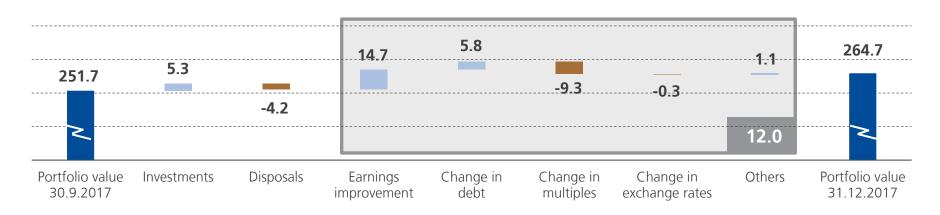
Portfolio value at 31 December 2017: €264.7mn

Value appreciation by a total of €12.0mn; negative effect from drop in multiples

Disposals: essentially the sale of a business line by Cleanpart

Investments: follow-on investments in Polytech, Telio and vitronet

#### **DEVELOPMENT OF PORTFOLIO VALUE (€MN)**



# BUSINESS PERFORMANCE BY SEGMENTS: FUND INVESTMENT SERVICES

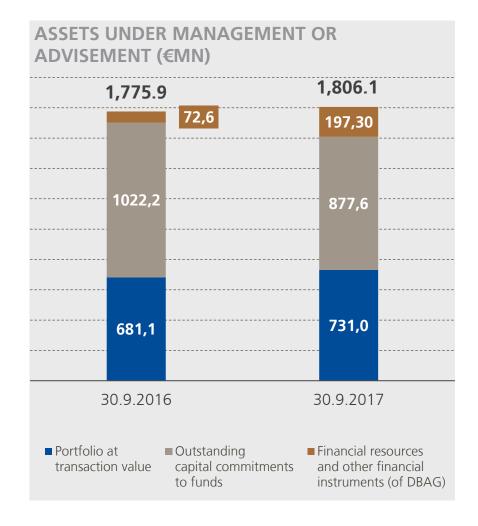


(€mn)	2015/2016 <sup>1</sup>	2016/2017
Fee income from fund management and advisory services	19.5	28.1
Other income/ expenses	-22.5	-23.4
Net income before taxes	-3.0	4.7

Considerable year-on-year increase in net income from fund investment services: €4.7mn

Lower basis of calculation for remuneration from DBAG Fund V following disposals more than compensated for by income from DBAG Fund VII

Since the end of the investment phase, income from DBAG Fund VI is based on the capital that is still invested



<sup>&</sup>lt;sup>1</sup> Restated after adjustment for amendments to IFRS 10

## OUTLOOK: FORECAST CONFIRMED FOR FINANCIAL YEAR 2017/2018



ACTUAL 2016/2017:

€90.4MN

FORECAST 2017/2018:

SIGNIFICANTLY
HIGHER THAN FIVEYEAR AVERAGE
(€43.0MN)

("significant": >20%)

NET INCOME AFTER THREE MONTHS:

€11.4MN

Portfolio companies are performing according to expectations

Optimism regarding the performance of the economy is increasing; at the same time, a number of potentially negative factors are being observed (e.g. a shortage of specialised personnel, higher impact of exchange rate fluctuations as a result of more investments outside the eurozone)

Quarterly earnings are strongly influenced by particular events; not advisable to make conclusions regarding the entire financial year



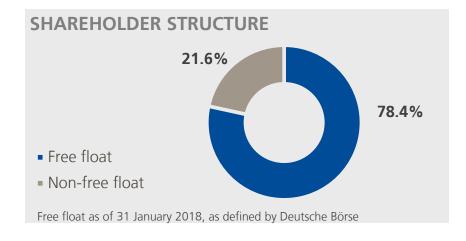


### DBAG SHARE SNAPSHOT



Analyst	Date	Rating	Target Price (€)
Baader-Helvea Equity Research, <i>Tim Dawson</i>	Jan. 2018	"Hold"	50.30
Bankhaus Lampe, Christoph Schlienkamp	Feb. 2018	"Hold"	45.00
Edison Research, <i>Gavin Wood</i>	Feb. 2018	For regulatory reasons neither recommendation, nor upside target	
J.P. Morgan Cazenove, Christopher Brown	Nov. 2017	"Underweight"	n.a.
Kepler Cheuvreux, <i>Bérénice Lacroix</i>	Feb. 2018	"Hold"	48.00
Oddo BHF, <i>Martin Decot</i>	Feb. 2018	"Neutral"	50.00
SRC Research, Stefan Scharff	Feb. 2018	"Hold"	48.00
Warburg Research GmbH, <i>Marie-Thérèse Grübner /</i> <i>Eggert Kuls</i>	Feb. 2018	"Buy"	48.00

Share	
Last price XETRA (€) as of 16.2.2018	46.95
Market capitalisation (€mn)	706.3
Shares outstanding	15,043,994
Average daily trading volume (1 month)	41,395
Average daily trading volume (3 months)	43,726



As of 19.2.2018

### FINANCIAL CALENDAR, CONTACT AND BASIC DATA



Financial calendar		
22.2.2018	Oddo BHF German Conference, Frankfurt am Main	
26.2.2018	Dividend payment	
19.4.2018	Bankhaus Lampe Capital Markets Conference, Baden-Baden	
8.5.2018	Publication of the half-yearly financial report 2017/2018, Analysts' conference call, Frankfurt am Main	
7.6.2018	LPEQ Investor Conference, London	
7.8.2018	Publication of the quarterly statement on the third quarter 2017/2018, Analysts' conference call, Frankfurt am Main	

Basic data	
Symbol	Reuters: DBAGn.DE Bloomberg: DBAN:GR
ISIN	DE000A1TNUT7
Listing	Prime Standard (FWB)
DBAG is member of LPEQ	www.LPEQ.com
Indices	S-Dax DAXsector All Financial Services LPX50, LPX Europe Stoxx Europe Private Equity 20



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### FORWARD-LOOKING STATEMENTS INVOLVE RISKS



This presentation contains forward-looking statements. Forward-looking statements are statements that do not describe facts or past events; they also include statements about our assumptions and expectations.

Any statement in this report that states our intentions, assumptions, expectations or predictions and the underlying assumptions is a forward-looking statement. These statements are based on plans, estimates and projections currently available to the Board of Management of Deutsche Beteiligungs AG. Therefore, forward-looking statements only relate to the date on which they are made. We do not assume any obligation to update such statements in light of new information or future events.

Forward-looking statements involve inherent risks and uncertainties. A number of important factors may cause actual events to differ significantly from those in forward-looking statements. Such factors include the conditions in the financial markets in Germany, in Europe, in the United States and elsewhere – the key regions for our investment activities.