

Forward-thinking solutions to leverage the fourth industrial revolution

### **BIESSE**GROUP

Company presentation - June 2017









# Who we are

Our purpose Our beliefs  $H \circ W$ Where With  $\bigvee$ 

## Our **purpose**

"...back when we were simply producing machines,
I was talking with a dear friend, and realised that the
rough, imprecise way he was working was ineffective,
and above all, dangerous to his personal safety.
At that moment, I recognised a need for change, and
immediately understood that we could do something we could introduce innovative new ways of working,
automate processes, and above all, create safer
working conditions.

A new kind of machine was about to be born".

Founder and CEO

Generalo Selv

Biesse Group / Who we are

## Our beliefs

we believe in challenging standards, in thinking forward and in acting differently.
Creating advanced technologies and beautifully-designed solutions is the key to transforming our beliefs into real value.



We manufacture machines and components for wood, glass, stone, advanced materials and metal processing through specialised business units and 9 manufacturing sites in Italy and worldwide.

industrial group business

divisions

production sites



Growing investments in R&D have enabled us to create software programs that have simplified the management of CNC machines, improving our customers' processes revolutionizing market standards.

More than

200

patents registered



We support our colleagues everywhere in the world, using the most advanced management, sales and support system. Our global network enables us to be always close to our customers.

More than

37

subsidiaries and representative offices

300

selected distributors



Customers in 120 countries: manufacturers of furniture, design items and door/window frames, producers of elements for the building, nautical and aerospace industries.



"Strength lies in differences, not in similarities" (Stephen Covey)

3,875

employees throughout the world (temporary workers included) are our Human Capital (March 2017 update)

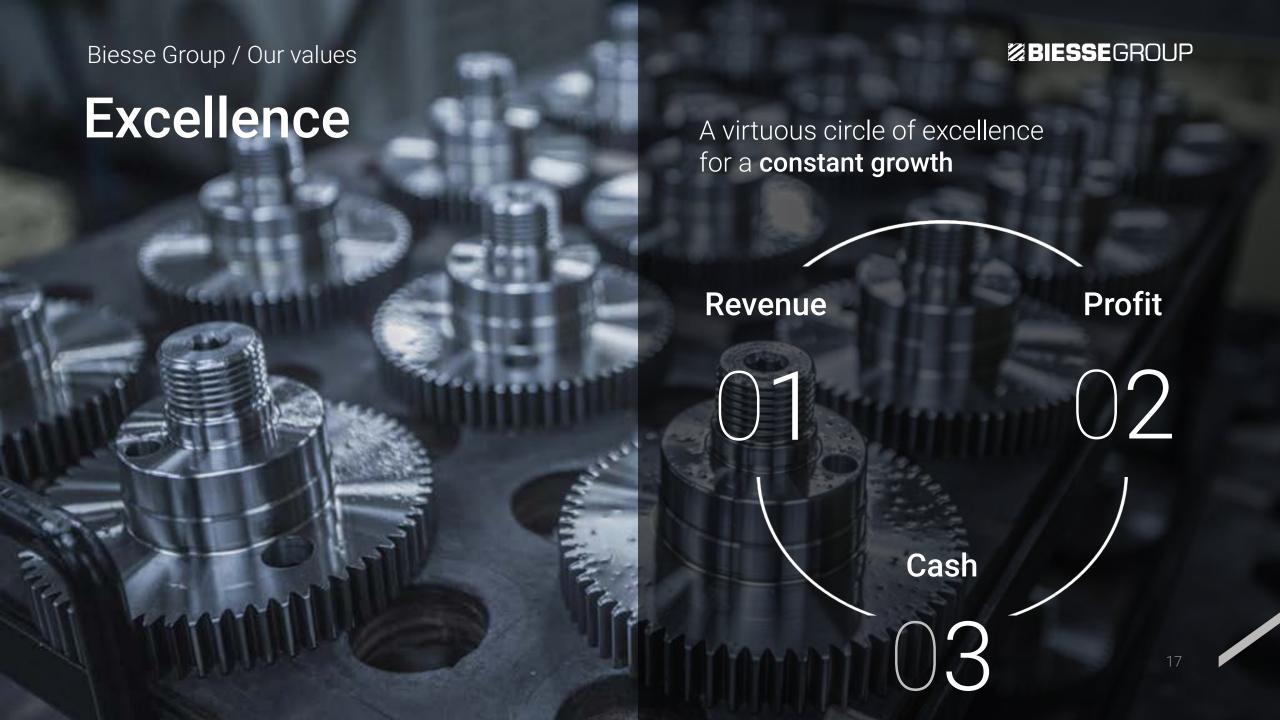


## Our **Values**

Innovation Reliability Excellence



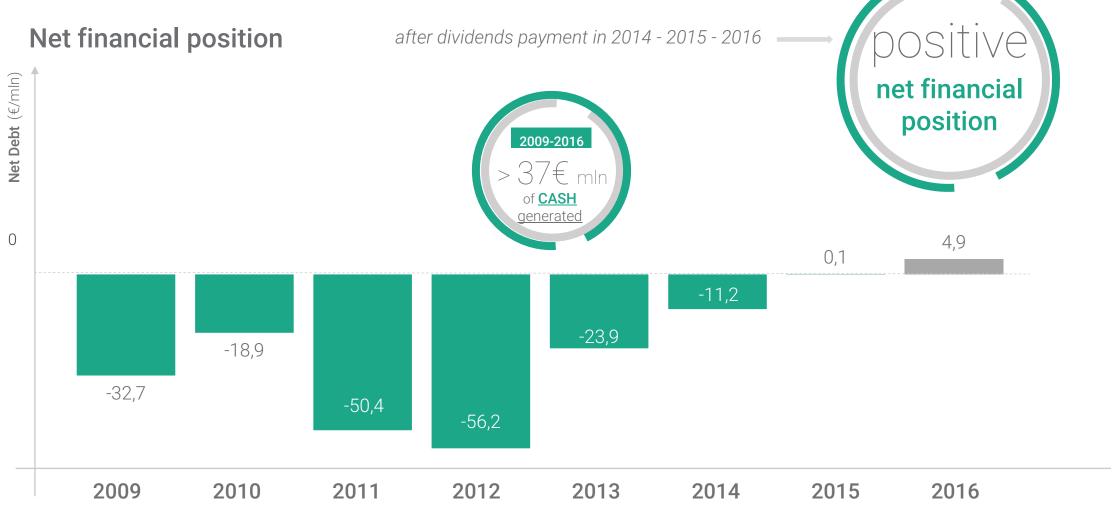






Biesse Group / Our values / Excellence **BIESSE**GROUP 2009-2016 **Profit** Delta **EBIDTA EBITDA** 2009 - 2016 Group EBITDA (€/mln) 75,8 64,0 40,0 34,0 25,0 22,4 15,7 -8,4 2009 2010 2011 2012 2013 2014 2015 2016 19 Biesse Group EBITDA (€/mln)

## Cash



## Business **Model**

Products
Footprint
Distribution
Customers

Biesse Group / Business Model

## **Products**

02



WOOD



GLASS



**STONE** 



**PLASTIC** 



METAL

01

#### **Systems**

We create engineered solutions, from plant design to production, implementation, installation and maintenance

04

#### Machines

We design, manufacture and distribute a comprehensive range of machinery and technologies for processing wood, glass, stone and advanced materials

### **Tooling**

We manufacture custom made blends of diamonds and alloy tools for glass, stone and synthetic materials processing, which have been developed and field tested to meet customer requirements.

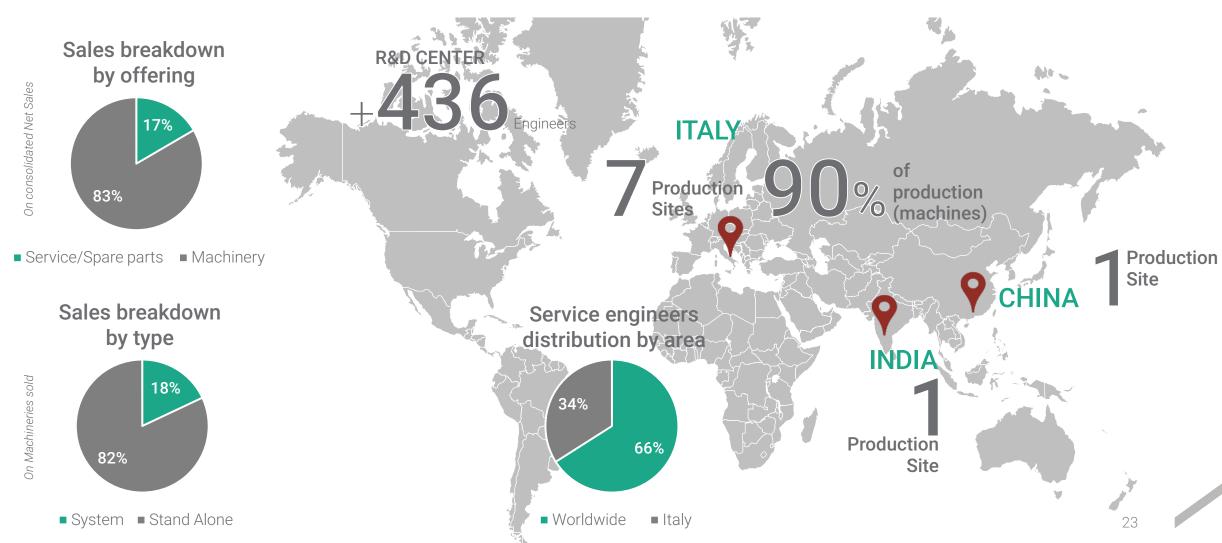
#### **Mechatronics**

We design, manufacture and deliver high-tech mechanical and electronic components for machinery INDUSTRY 4.0 ready.

03

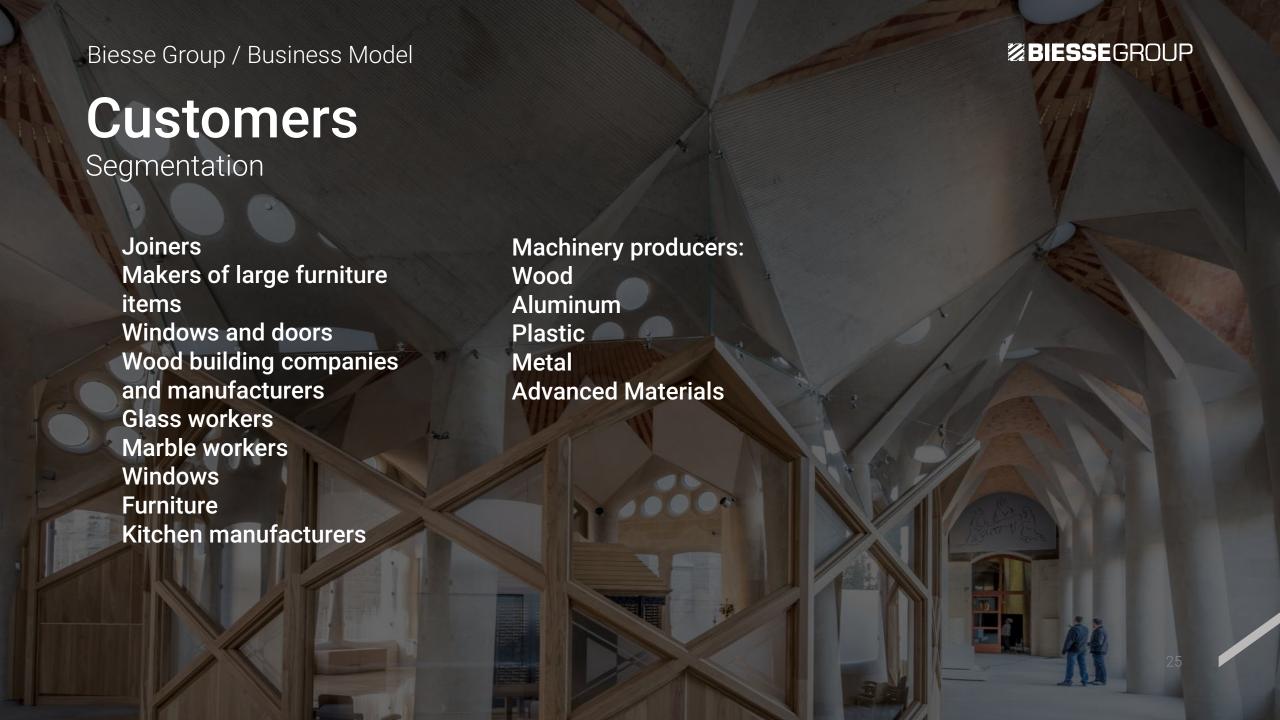


## **Footprint**



## Distribution





Biesse Group / Business Model over **Customer Sales** distribution 2016 Customers (up today) **Small** Large manufactures manufactures 10.000 > 20 average (€/000) (€/000) 66 (€/000) Wide Customer base



# Strategy & Results

## 2016 successes Execution on track

Where we are / Strategy & Results

2016 Successes



Net 29,5 +39,9%
Result €/mln +39,9%
period 2015

Order 493,2 Intake €/mln

+11,4% on same period 2015





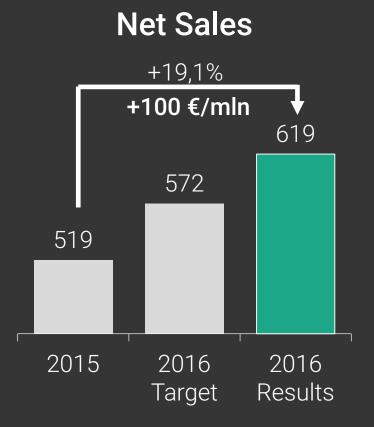
12,3% on Net Sales

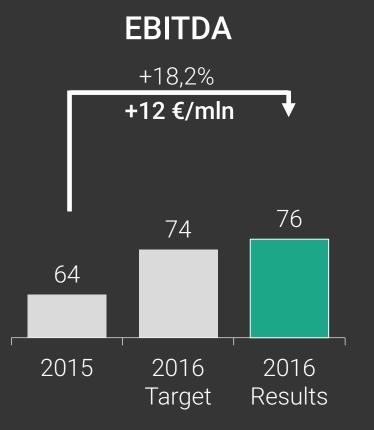
#### Execution on track Differentiation Take Over **One-stop** Shopping CUSTOMER FULL CARE **Best-in-class** Alignment close to our SERVITIZATION customers feeling the products predicting your needs service glass & stone systems mechatronics tooling + BCX + solutions + products

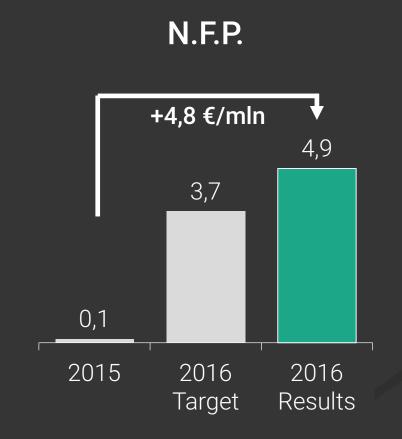


## Execution on track

**Anticipating** plan Execution **On track** with plan Execution









## **Products**

Exceeding targets
Wood
Housing
Glass & Stone
Mechatronics
Tooling
Advanced Materials

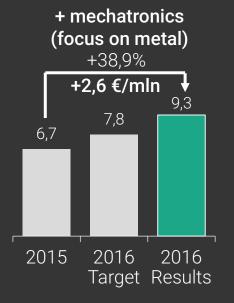
#### **BIESSEGROUP**

# Exceeding targets

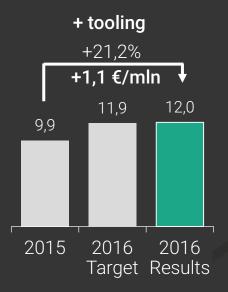
### Best-in-class Alignment

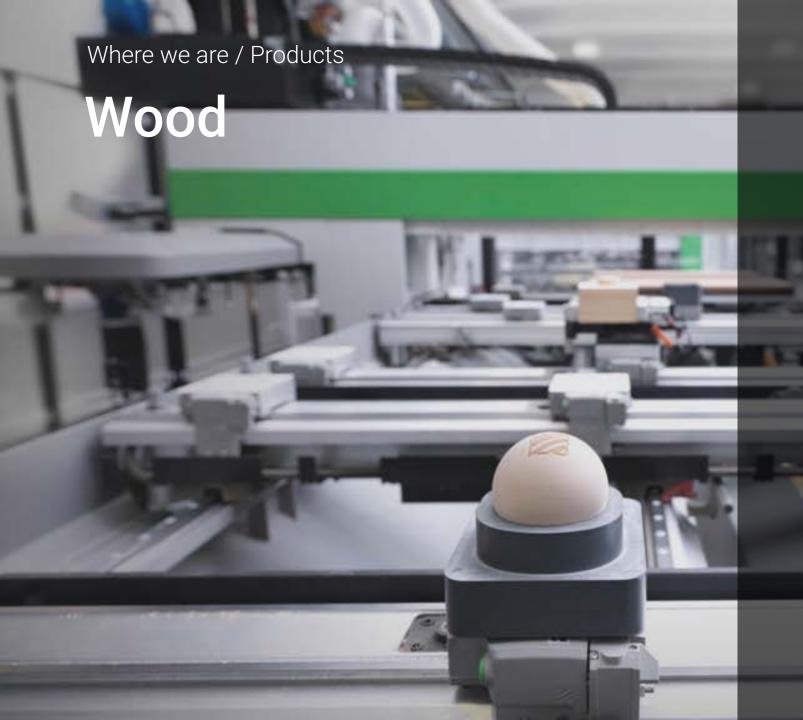












#### **Technology news**

Rover A Smart
Rover K Smart
Rover M5
Brema Eko 2.2
Selco WN 2
Selco SK3
Viet Opera R
Stream AK
Stream K
Winner W4

Where we are / Products

## Housing

**Uniteam joined Biesse Group** 

Uniteam has specialized in the design and manufacture of multi-axis machines for wood construction materials, machining of advanced materials and a range of other special applications from automotive to prototyping.

Working together to broaden their product range and to push territorial boundaries.





Where we are / Products

### Glass & Stone

Technology news

#### Glass

Master series - Glass Genius CT-RED series

#### Stone

Master series - Stone Mastersaw 625 DT



Where we are / Products

#### Mechatronics

**Technology news** 

ES505

ES575

ES511

Electrospindles dedicated to **metal and composite material** processing on CNC machine tools

HS610

HS810

Two-Axis-heads dedicated to **metal** processing CNC machine tools

ES951 e-CORE range extension **IoT ready** 

Electrospindles dedicated to wood and aluminum processing

Where we are / Products

## Tooling

#### **Technology news**

Swave KCX DMV/504 New Flash Tools for technical materials







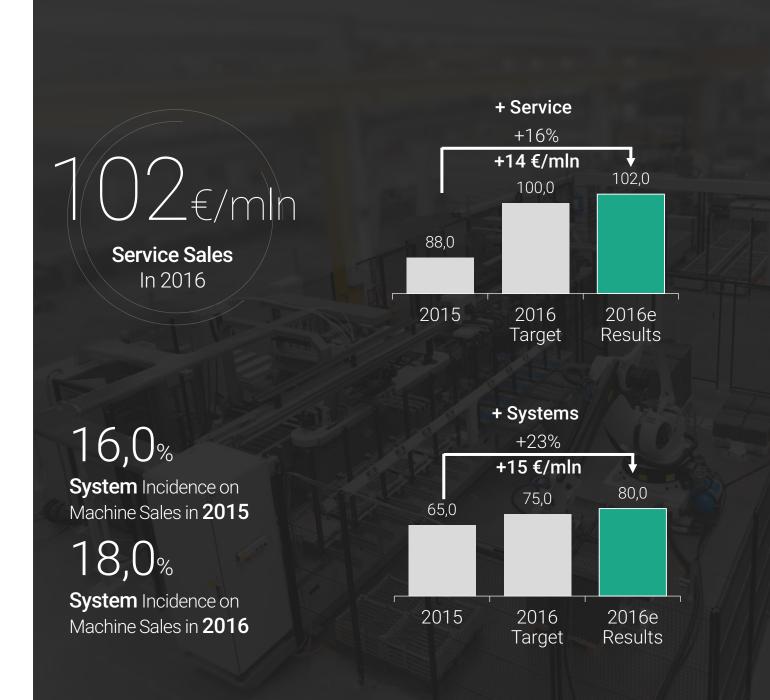
#### Solutions

Exceeding targets
Service
Systems
bSuite achievements

Where we are / Solutions

## Exceeding targets













## Customer **Experience**

Exceeding targets
Close to customers
Feeling the products
Predicting customer needs
IIoT with Accenture & Microsoft

## Exceeding target



**Differentiation**Take Over

Revenues in **North America** in 2016

+18,4 mln/€

Revenues in **ASIA** in 2016

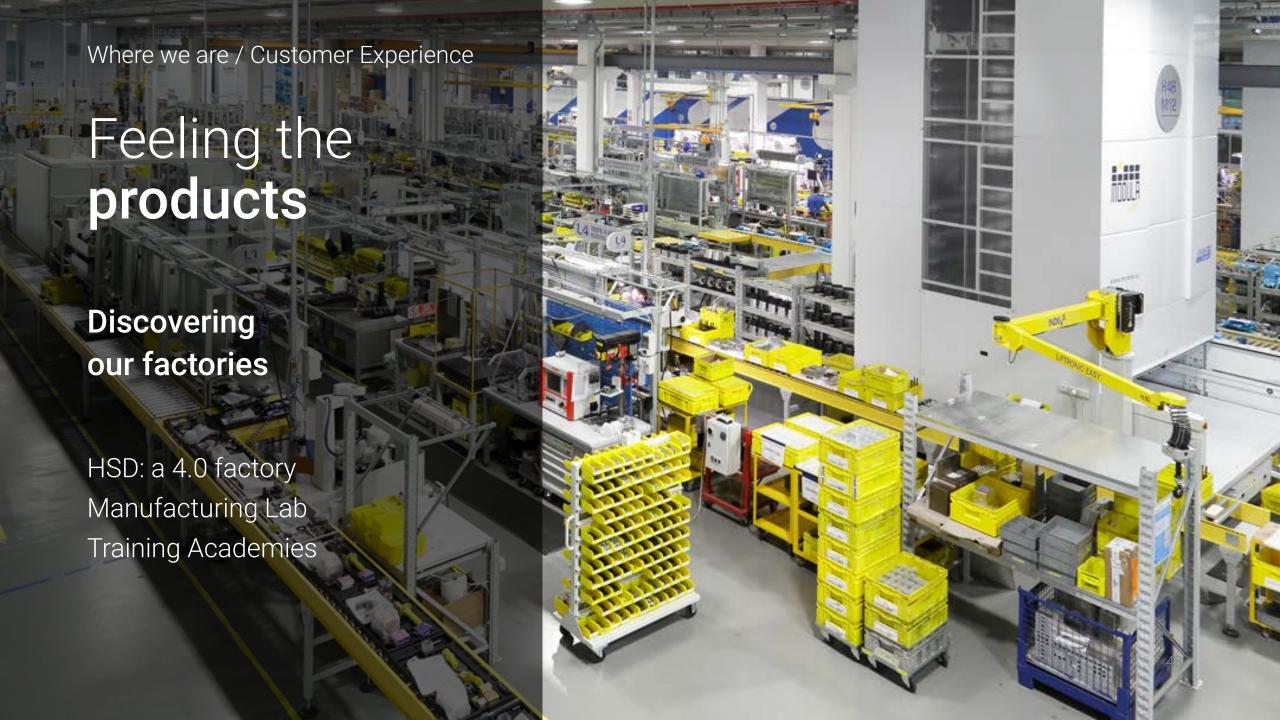
+26,7 mln/€

Revenues in **Western Europe** in 2016

+72,6 mln/€

+4
New Local
Branches

8.000 **Demos** in 2016







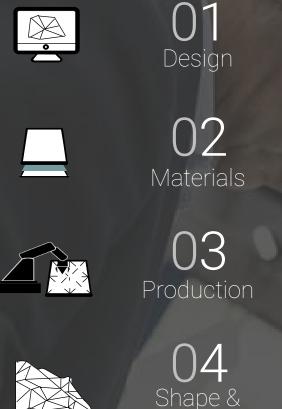


Where we are / Customer Experience

# Predicting Customer needs

A new step towards the Factory of the Future "For us 4.0 is not simply a number representing the so-called new industrial revolution, but a real commitment toward our customers to allow them, to achieve the highest level of efficiency"

Federico Broccoli (Wood Division Director / Sales)



Installation





#### **IIoT with Accenture & Microsoft**

Biesse is collaborating with Accenture & Microsoft on an **Industrial Internet of Things (IIoT)** project to deliver new services to its customers and augment the aftermarket business.

The flexible range of services serves to improve machine productivity and customer satisfaction by minimizing machine outages through predictive maintenance and in-depth analytics.

Based on the pilot's success, the company plans to roll out services encompassing 10,000 machines. Biesse's advanced IIoT capabilities delivers more control over its machines and overall competitive differentiation.

#### **BIESSE**GROUP

#### I.I.o.T. - service transformation

Sensors and devices fitted into machines enable in depth analysis to be **carried out** and viewed via control panels on **mobile devices** 

#### CNC I.I.o.T. Service Pack

- ✓ Priority service and extended coverage
- ✓ Continuos connection with the Biesse control center
- ✓ Direct monitoring of machine performance through a dedicated app
- ✓ Analysis of machine stoppages, remote diagnostics and fault prevention
- ✓ On site functional checks and technical inspections within the warranty period

At the end the service transformation is:

#### Significant benefit

- ➤ Optimization of efficiency and of operating quality
- ➤ Net reductions in repairs times
- ➤ Better accuracy in predicting machine stoppage
- > Remote software updates

1h

maximum time taken to deal with an instance of machine stoppage arthership wided to

reduction in the time required for the diagnostic process

50%

overall reduction in downtime



Where we want to go / Continuous Growth

## More products New target



#### **BIESSE**GROUP

9%

Wood Division Estimated CAGR 2017-2019

4%

Market Estimated CAGR 2017-2019

12%

G&S Division Estimated CAGR 2017-2019

7%

Market Estimated CAGR 2017-2019

11%

Mechatronics Division Estimated CAGR 2017-2019

5%

Market Estimated CAGR 2017-2019

12%

Tooling Division Estimated CAGR 2017-2019

92%

A.M. Division Estimated CAGR 2017-2019

Where we want to go / Continuous Growth

More solutions

New target

to Net Sales



To evolve to Service 2.0: from a "break" and fix" approach to a proactive service

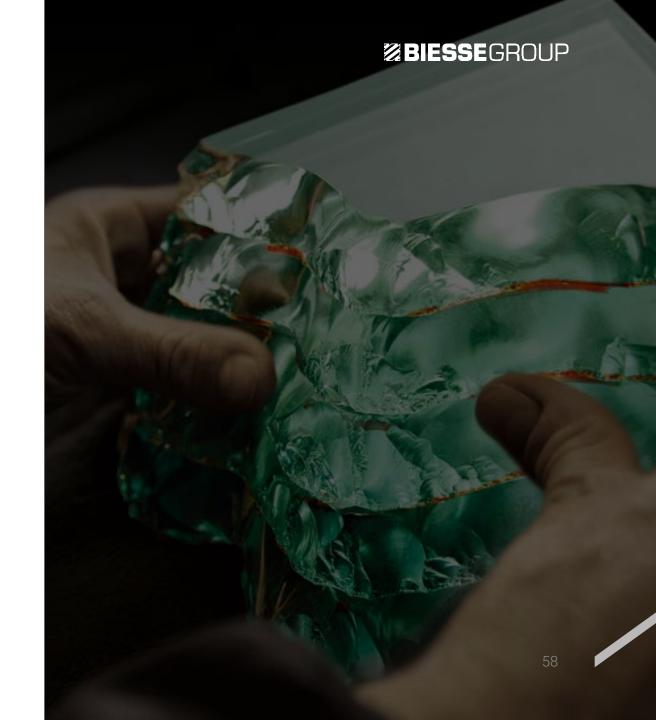
To increase our market share in the system solutions market.

To improve our software to keep offering to our Customers endless possibilities.

Where we want to go / Continuous Growth

### BCx New targets

- ✓ Continue to increase our capillarity throughSubsidiaries and Distributors
- ✓ Invest in the excellence of Chinese and Indian manufacturing plants
- ✓ Develop a unique Worldwide BiesseCustomer Experience
- ✓ Improve our Customer Care
- ✓ Implement the IIoT



## More **Products**

Markets & Targets
Wood
Housing
Glass & Stone
Mechatronics
Advanced Materials

Where we want to go / More Products **BIESSEGROUP** Wood - Market Outlook Looking forward, we expect the market to continue grow at about 3.9 times the reference sector average growth rate. Competitors SCA The competition in the current market is consolidated. Indústria de We are the second leading company in the sector. Móveis Main competitors are located in Germany and (Brasil) 2016 in Italy. The most important of these are **HOMAG** in **Germany** (29.5% estimated **Market** Size market share) and SCM in Italy talaisisisisisisis Estimated (7% estimated market share\*). worldwide market share 2016 \*automatic machines Whole market potential

### Wood - Targets

9%

**G&S Division** Estimated CAGR 2017-2019

4%

Market Estimated CAGR 2017-2019





### Housing - Target

11 €/mln
2019 Target in wood
construction
materials machines market

Biesse Group will further extend its product range, increasing penetration in the "niche" yet highly-strategic industry of timber carpentry (beams and structural façades).

Expand our offering in other timber carpentry segments (minor complexity and higher volumes)

Leverage on **Biesse capillarity** to boost sales and after-sales worldwide

Where we want to go / More Products **BIESSEGROUP** Glass - Market **Outlook** In the near future. we anticipate that the glass processing market will grow at about 3.9 times the reference sector average growth rate. Ciudad de las Artes y las **Competitors** Ciencias, Cerviglas We are currently the industry leader in the 2016 (Valencia) glass processing market in which we operate. mln Glass Main competitors are located in Italy and Current **Market** Size they are CMS. Bottero. and Hegla. market Estimated Potential worldwide market share 2016 Whole market potential

#### Stone - Market



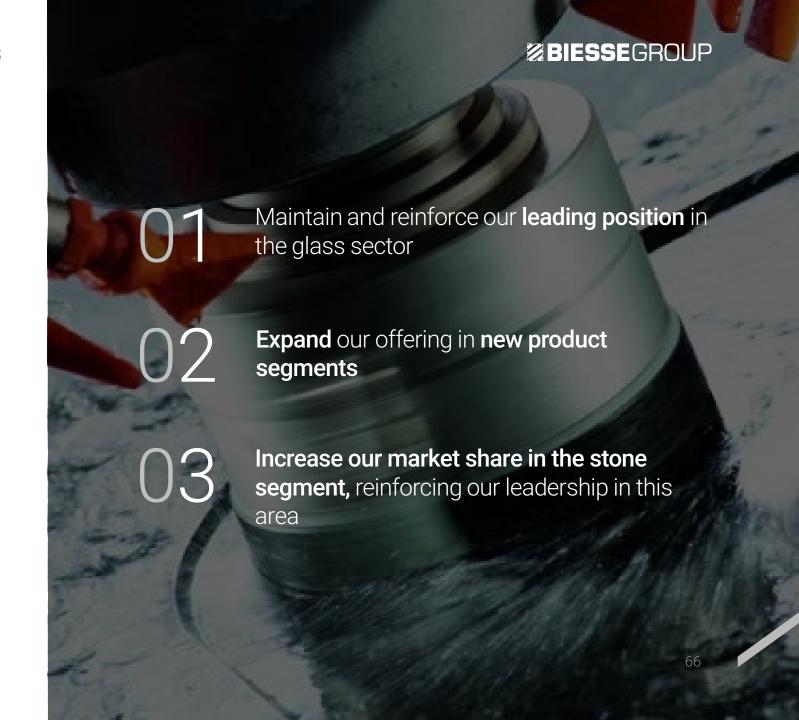
### Glass & Stone Target

12%

**G&S Division** Estimated CAGR 2017-2019

7%

Market Estimated CAGR 2017-2019



#### Mechatronics - Market



### Mechatronics **Targets**

11%

5%

Mechatronics Unit Estimated CAGR 2017-2019

Market
Estimated
CAGR 2017-2019

 $19_{\text{mln/} \in}$ 

2019 target in metal sector



### Advanced Materials\*

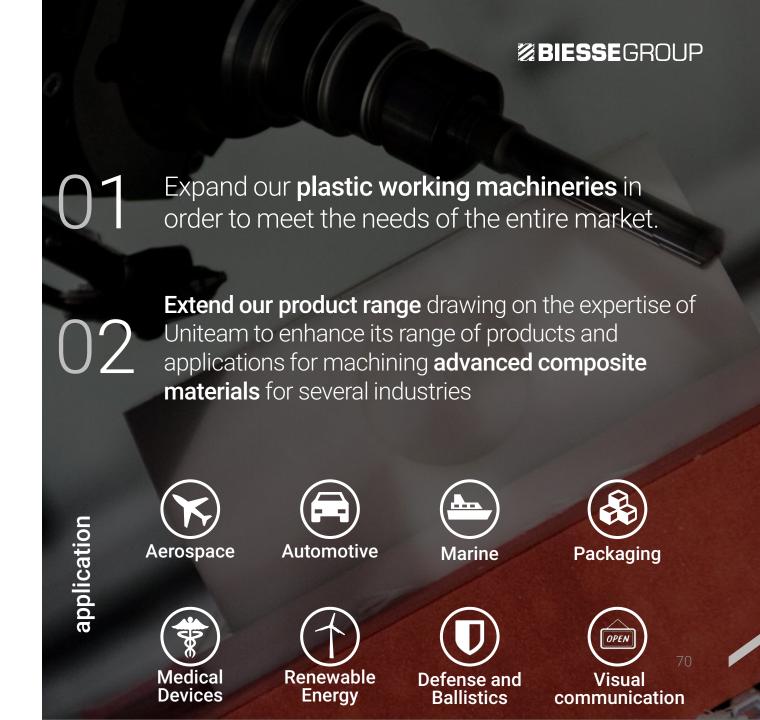


## Advanced Materials\*



#### \*Advanced materials

- ✓ Carbon Fiber
- ✓ Foam
- ✓ Plastics
- ✓ Alluminium
- ✓ Titanium



#### **BIESSE**GROUP

## More Solutions

# 2019 new targets Service Systems bSuite

#### Service



Our network supports **our customers worldwide**. Through Biesse service and Biesse parts. we offer **technical services and machine/component spares to businesses** anywhere in the world on-site. as well as on-line - 24/7.

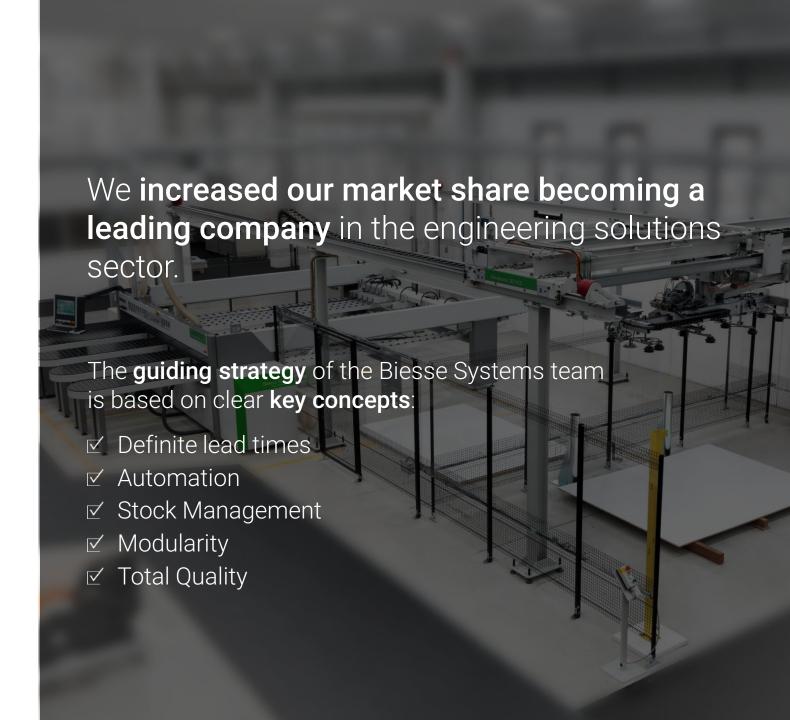
## Our Service will evolve to **Service 2.0**

- ✓ Proactivity: leave "break-and -fix" service logics in the past and move onto proactive services. On-site assistance
- ✓ Spare Parts: encourage a 24/7 assistance / no down-time approach with maintenance contracts / replacement parts warehouse with over 8.000 items
- Continuous Training: training dedicated to Biesse Field engineers, subsidiary and dealer personnel

Where we want to go / More Solutions

#### **Systems**





#### **bSuite**



Consolidation. reliability and rationalization.
Superior technology for creating synergies in machine automation.

Technological superiority and sustainability.

Ensuring advanced. sustainable know-how in order to develop intelligent machines.

Simple. smart software. Meeting growing technological needs through application software and smart apps.

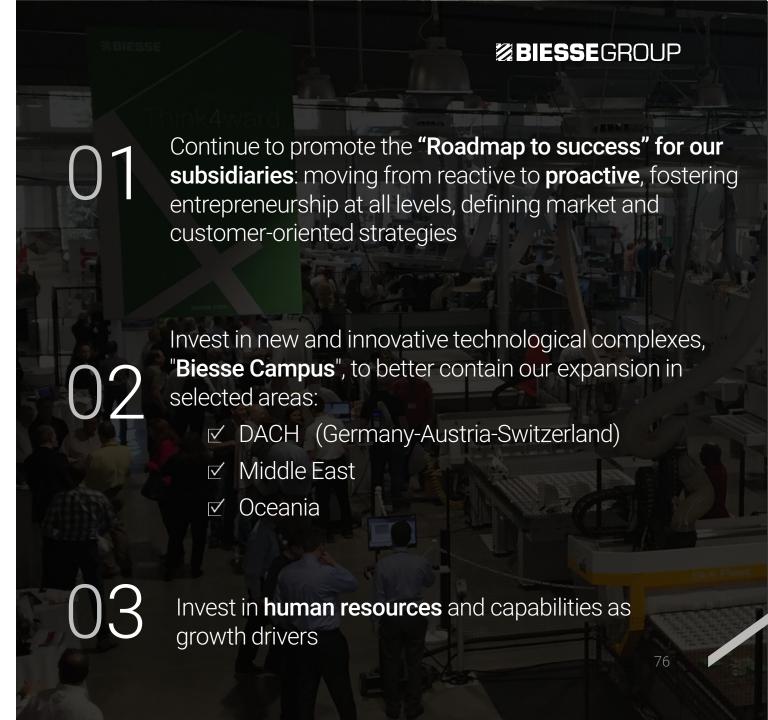
Business software. Business-oriented software to enhance collaboration with our customers' businesses.

# Biesse Customer Experience

BCx
Close to customers
Feeling the products
Customer Services
IIoT: predicting your needs

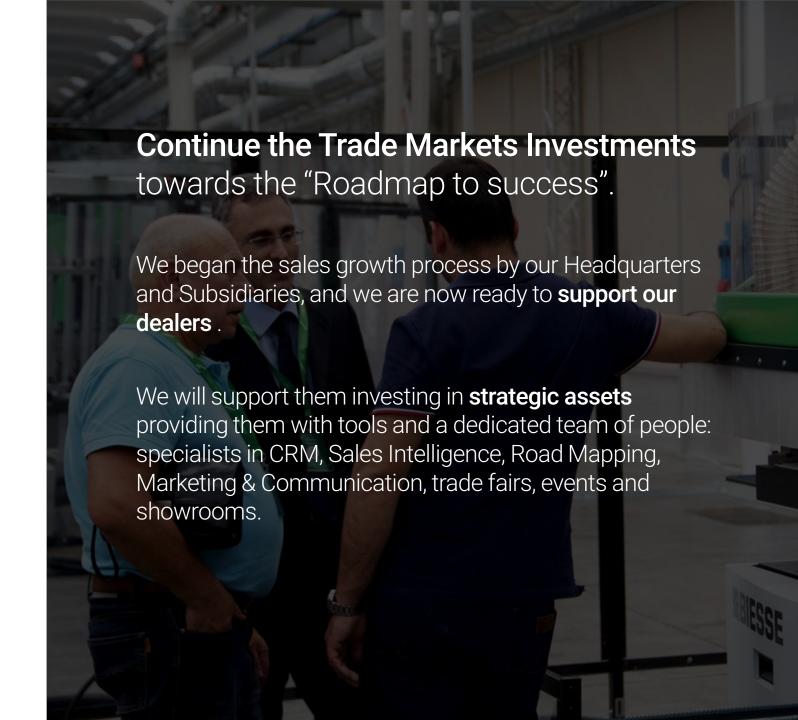
## Close to customers: **Subsidiaries**

To **expand our global presence** to be close to our customers.



# Close to customers: Trade Distribution 2.0

To strengthen our **dealer network** 



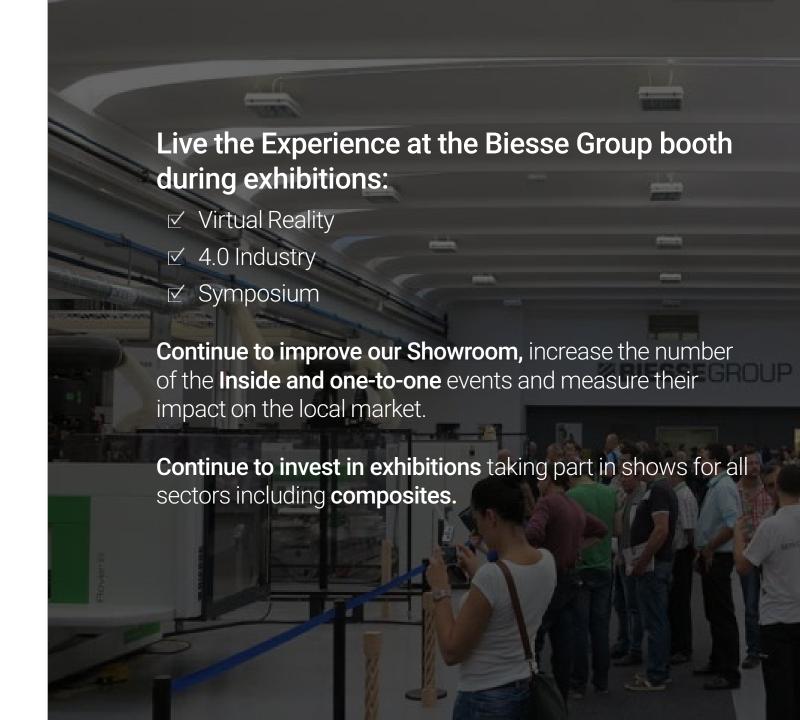
## Close to customers: India & China

In addition to the Italian sites, we boost manufacturing sites in **India** and **China**, to better **satisfy Customer worldwide**.

The two sites, **Bangalore** and **Dongguan** manufacture a **portfolio Local4Global**, distributing their products worldwide.



## Feeling the products



#### **BIESSE**GROUP

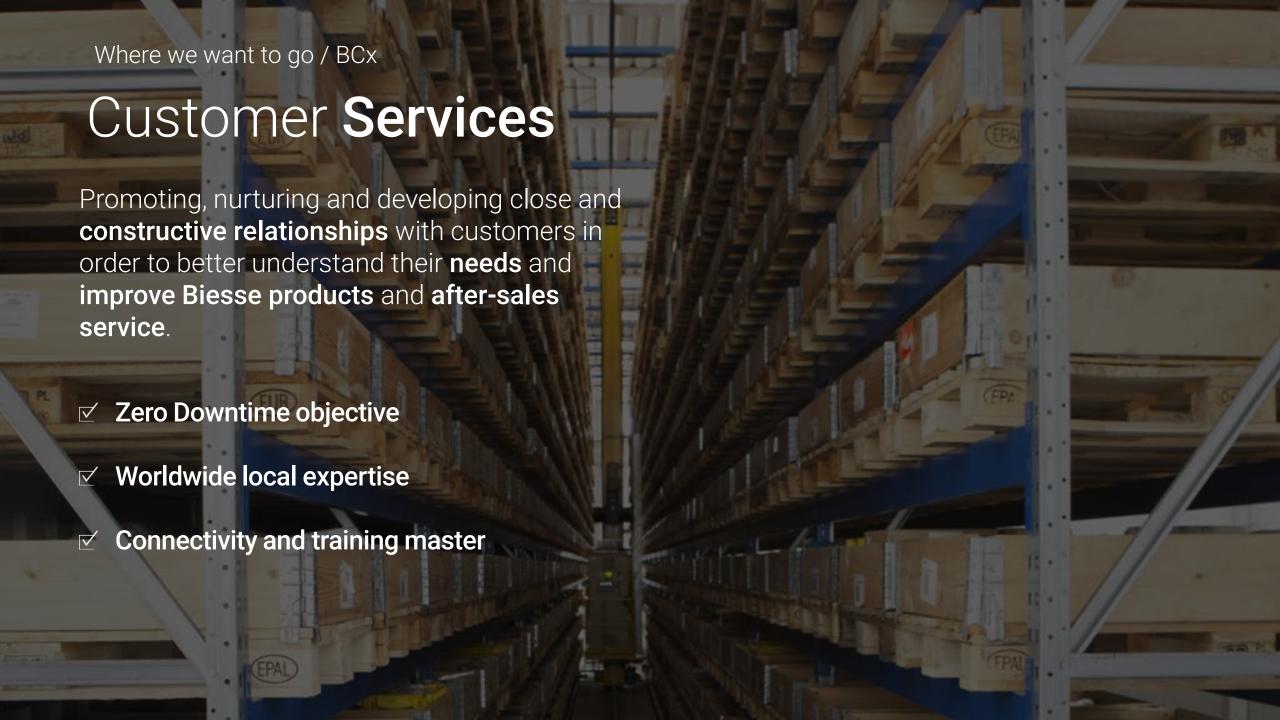
#### Biesse Group Collection

A merchandising project with an online shop to sell high quality branded products in order to:

Increase the brand awareness
Strength the brand identity
Increase the Dealer and Customer loyalty
Renforce the communication consistency
Increase the individual sense of belonging

Available for Biesse Group employees as well.





Where we want to go / BCx

Predict your needs:

llot

Hannover Messe 2017

A solid example of Biesse's ability to innovate

Biesse will participate in the Hannover Messe 2017, the most important trade fair for innovation anywhere in the world.

In collaboration with **Accenture and Microsoft** Biesse Group will present an icon for cutting edge Biesse technology, a Rover Machining Centre with its 5-axis electrospindle connected to the cloud.

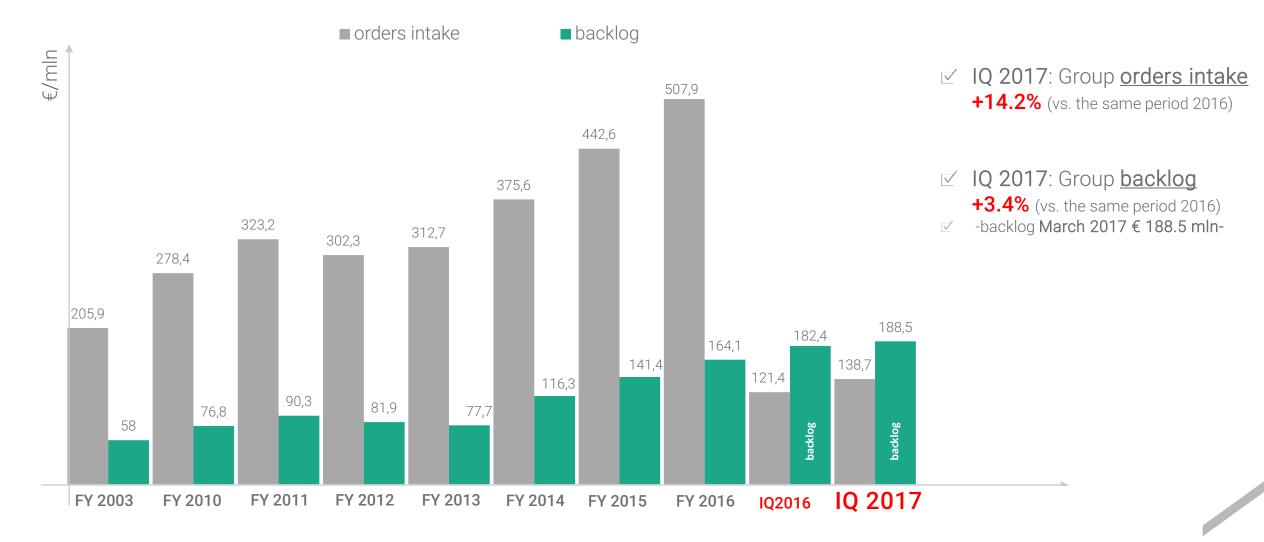




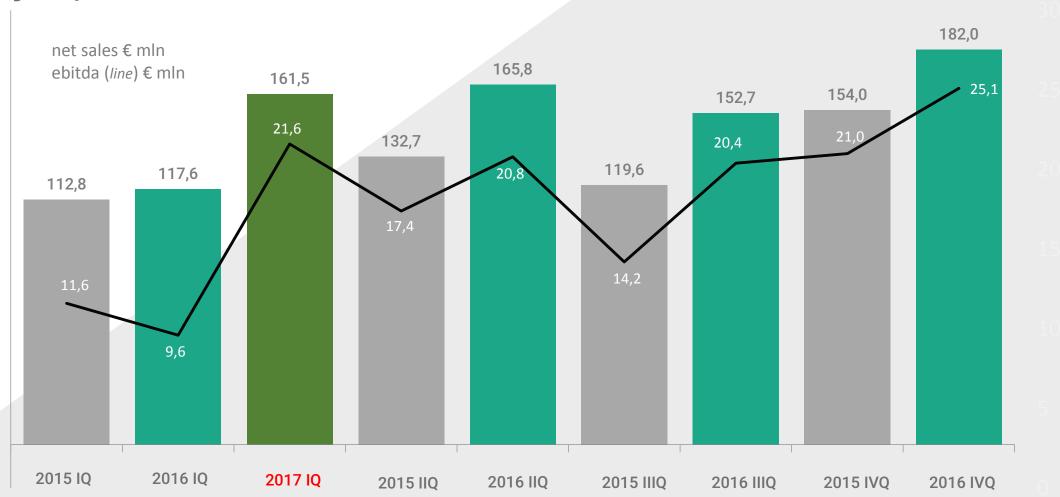




### orders intake & backlog

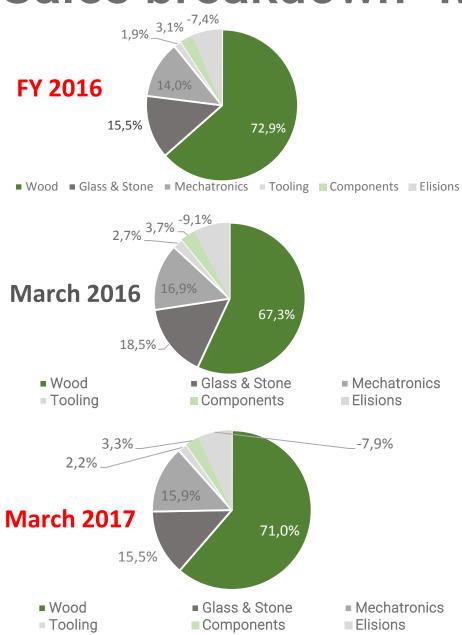


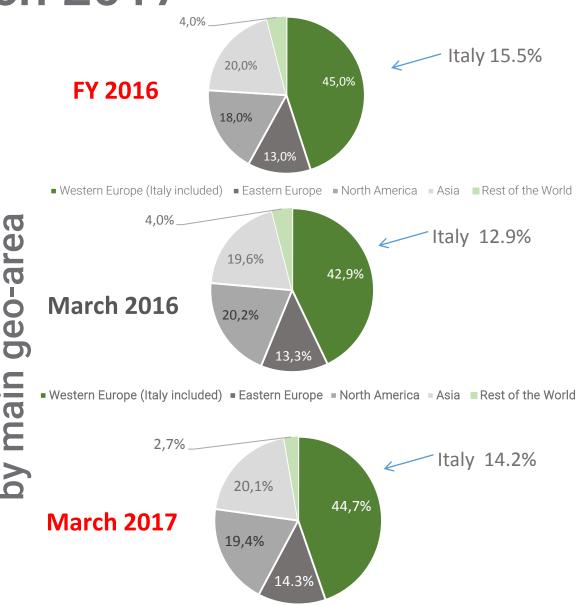
#### by quarters



#### Sales breakdown- March 2017

#### **BIESSEGROUP**





■ Western Europe (Italy included) ■ Eastern Europe ■ North America ■ Asia ■ Rest of the World

#### **BIESSE**GROUP

### Extract of the P&L - IQ 2017\_

€/mln	FY 2013	FY 2014	FY 2015	FY 2016	IQ 2016	IQ 2017
Net sales	378.4	427.1	513.1	618.5	117.6	161.5
year -1	<b>-1.2</b> %	<b>+12.3</b> %	<b>+21.5</b> %	<b>+19.1</b> %	+4.3%	+37.3%
Value added	143.5	163.1	212.4	252.4	50.9	69.8
%	<b>37.3</b> %	<b>33.6</b> %	<b>40.3</b> %	<b>40.8</b> %	<b>43.3</b>	<b>43.2</b> %
Labour cost	112.7	128.2	148.2	176.6	41.2	48.2
%	23.8%	30.0%	28.6%	28.6%	<b>35.1</b> %	<b>29,8</b> %
EBITDA	30.3	40.3	64.1	75.8	9.6	21.6
%	<b>8.2</b> %	<b>3.6</b> %	<b>12.4</b> %	<b>12.3</b> %	<b>8.2</b> %	<b>13.4</b> %
EBIT	18.1	26.5	43.8	56.3	5.4	16.1
%	<b>4.8</b> %	<b>6.2</b> %	<b>8.4</b> %	<b>8.1</b> %	<b>4.6</b> %	<b>10.0</b> %
Net Result	4.3	13.8	21.1	29.5	3.1	9.4
%	<b>1.1</b> %	<b>3.2</b> %	<b>4.1</b> %	<b>4.8</b> %	<b>2.7</b> %	<b>5.8</b> %
				tax rate	47.1%	36.8%

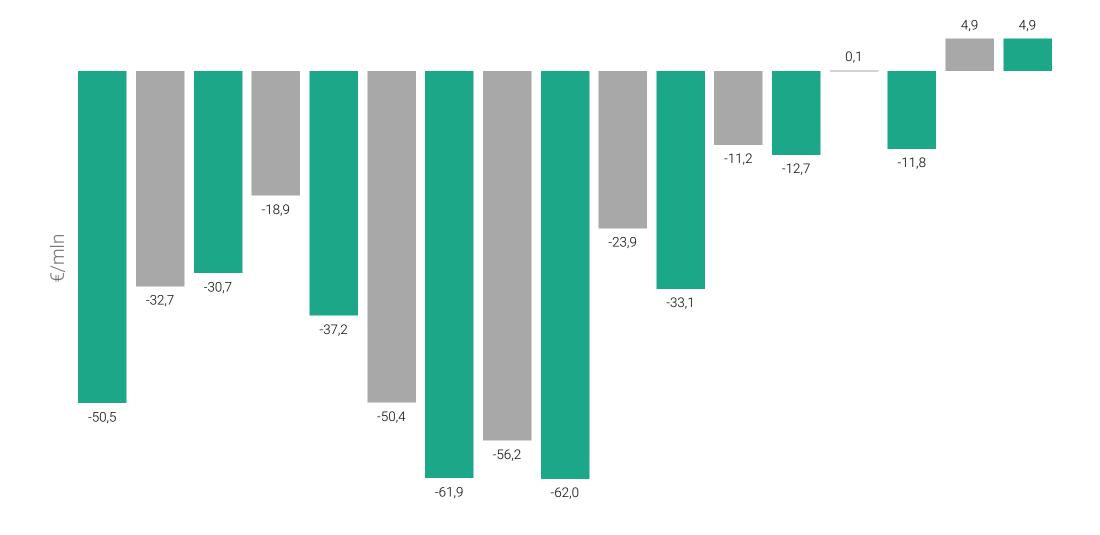


## Cashflow IQ 2017

€/mln	FY 2013	FY 2014	FY 2015	FY 2016	IQ 2016	IQ 2017
Gross Cashflow % net sales	52.1 <b>13.8</b> %	38.3 <b>3.0</b> %	46.3 <b>8.3</b> %	46.6 <b>7.5</b> %	-7.3	+11.5
Investments % net sales	-13.3 5.2%	-20.8 4.3%	-25.2 4.3%	<b>-32.0</b> 5.2%	-4.6	-6.6
Net Cashflow %	32.3 <b>8.5</b> %	17.5 <b>4.1</b> %	21.1 <b>4.0</b> %	14.6 <b>2.4</b> %	-11.9	4.9
not ordinary items (dividends/treasury shares activity balance /acquisitions payment)		-4.8 div. paid € 0.18 per share	-3.8 div. paid € 0.36 per share	-9.8 div. paid € 0.36 per share		
delta Net debt	+32.3	+12.7	+11.3	4.8	-11.9	
NET FINANCIAL POSITION	-23.3	-11.2	0.1	4.9	-11.8	4.9

#### Net Financial Position trend – first quarters





**IQ 2017 IQ 2003 IQ 2010 IQ 2011 IQ 2012 IQ 2013 IQ 2014 IQ 2015 IO 2016** FY 2011 FY 2012 FY 2013 FY 2003 FY 2010 FY 2014 FY 2015 FY 2016



#### **Operating Net Working Capital IQ 2017**

€/mln	FY 2013	FY 2014	FY 2015	FY 2016	IQ 2016	IQ 2017	
Inventories % net sales	22.8%	23.0%	21.5%	21.1%	110.0%	89.3%	DSI 163 days
Receivables % net sales	20.1%	18.3%	20.3%	20.8%	85.9%	73.2%	DSO 51 days
Payables % net sales	23.4%	28.8%	23.5%	31.1%	135.0%	117.5%	DPO 123 days
Operating Net Working Capital % net sales	51.4 13.6%	55.6 13.0%	63.4 12.2%	66.9 10.8%	71.6 <b>61.0</b> %	72.7 <b>45.0</b> %	target incidence <12%



### People distribution (without interim people)

ı	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	March 2016	March 2017
Production % of total people	365	1250	1265	1175	1201	1335	1482	1426	1470
	41%	46%	45%	44%	42%	42%	41%	41%	40%
Service & After sale % of total people	568	577	574	613	628	630	803	788	846
	24%	21%	21%	22%	22%	22%	22%	22.4%	23%
<b>R&amp;D</b>	233	316	338	321	361	383	436	428	456
% of total people	12%	12%	12%	12%	13%	13%	12%	12.2%	12.3%
Sales & Marketing	340	361	364	351	433	435	587	565	598
% of total people	13%	13%	13%	13%	15%	15.6%	16%	16%	16.2%
<b>G &amp; A</b>	202	233	242	235	252	273	310	302	320
% of total people	3%	3%	3%	3%	3%	3%	8.5%	8.6%	8.6%
ITALY % of total people	1660	1656	1646	1 <b>547</b>	1605	1780	2.009	1327	2060
	70%	61%	53%	57%	56%	56%	56%	55%	56%
OUTSIDE ITALY** % of total people	708	1081	1136	1148	1276	1336	1.609	1582	1630
	30%	33%	41%	43%	44%	44%	44%	45%	44%
TOTAL	2368	2737	2782	2635	2881	3176	3.618	3,503	3,690



### People distribution

·	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	March 2016	March 2017
ITALY % of total people	1660	1656	1646	1 <b>547</b>	1605	1780	2009	1327	2060
	70%	61%	53%	57%	56%	56%	56%	55%	56%
OUTSIDE ITALY** % of total people	708	1081	1136	1148	1276	1336	1609	1582	1630
	30%	33%	41%	43%	44%	44%	44%	45%	44%
TOTAL	2368	2737	2782	2635	2881	3176	3618	3,503	3,690

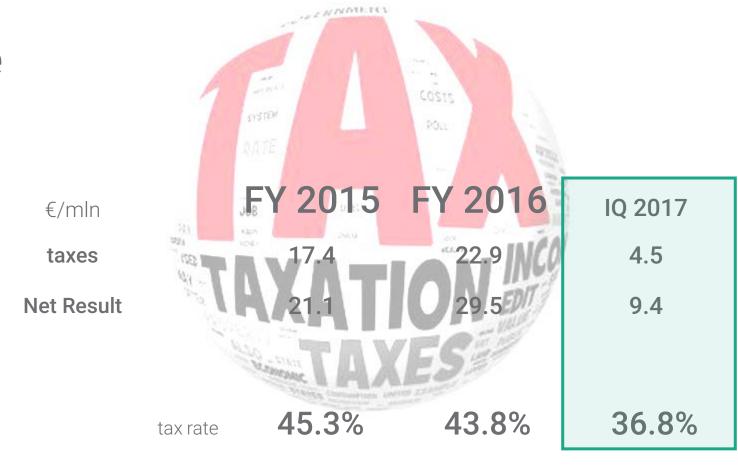
vs Dec 2016: +72 without interim people

vs Dec 2016: +76 with interim people

interim people at the end of March 2016: **138** interim people at the end of December 2016: **181** interim people at the end of March 2017: **185** 

IQ 2017: 3,875

#### Tax rate



projected average tax rate for the 3 years plan 35%

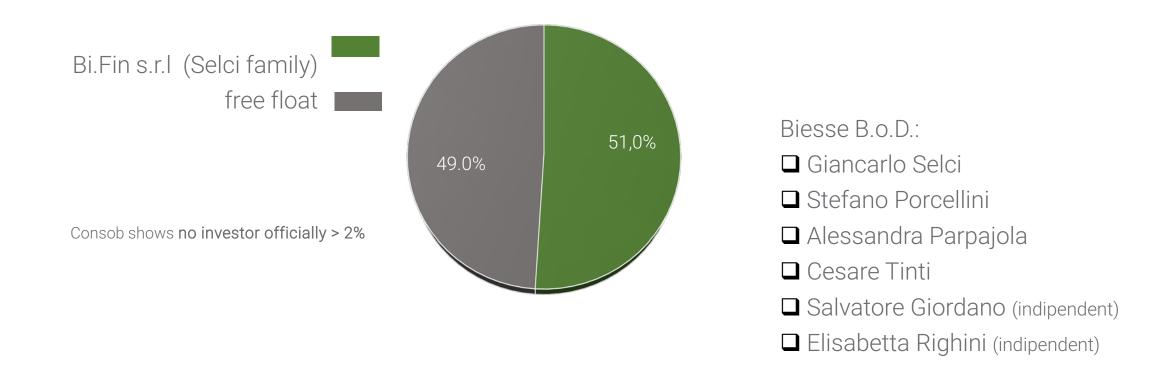
Patent Box & IRES reduction can impact totally for approx 6.5% the tax rate D.T.A. (China) can't be used



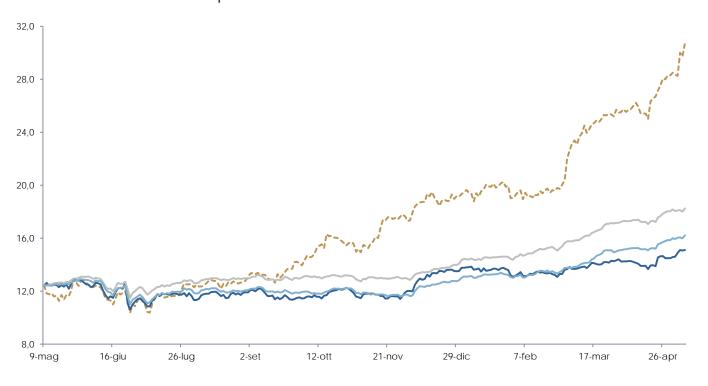
#### What next - IH 2017e

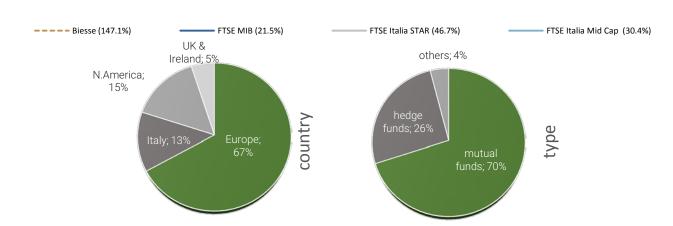
€/mln	FY 2016	IQ 2017	IH 2017e	FY 2017e
net sales	618.5	161.5	337.1	676.3
year -1	+19.1%	+37.3%	+18.9%	+9.3%
ebitda	75.8	21.6	41.0	83.3
%	<b>12.3</b> %	13.4%	12.2%	12.3%
ebit	55.1	16.1	30.5	60.6
%	<b>8.9</b> %	10.0%	9.5%	9.0%
net financial position	+4.9	+4.9	-21.5	-0.5

#### Shareholders breakdown by ownership - Board of Directors



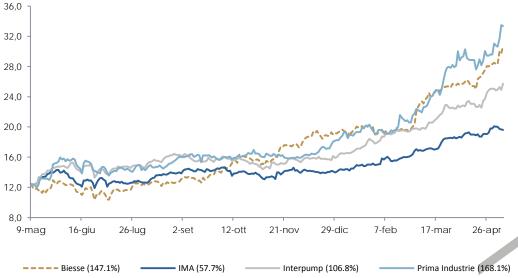
### share price: statistics

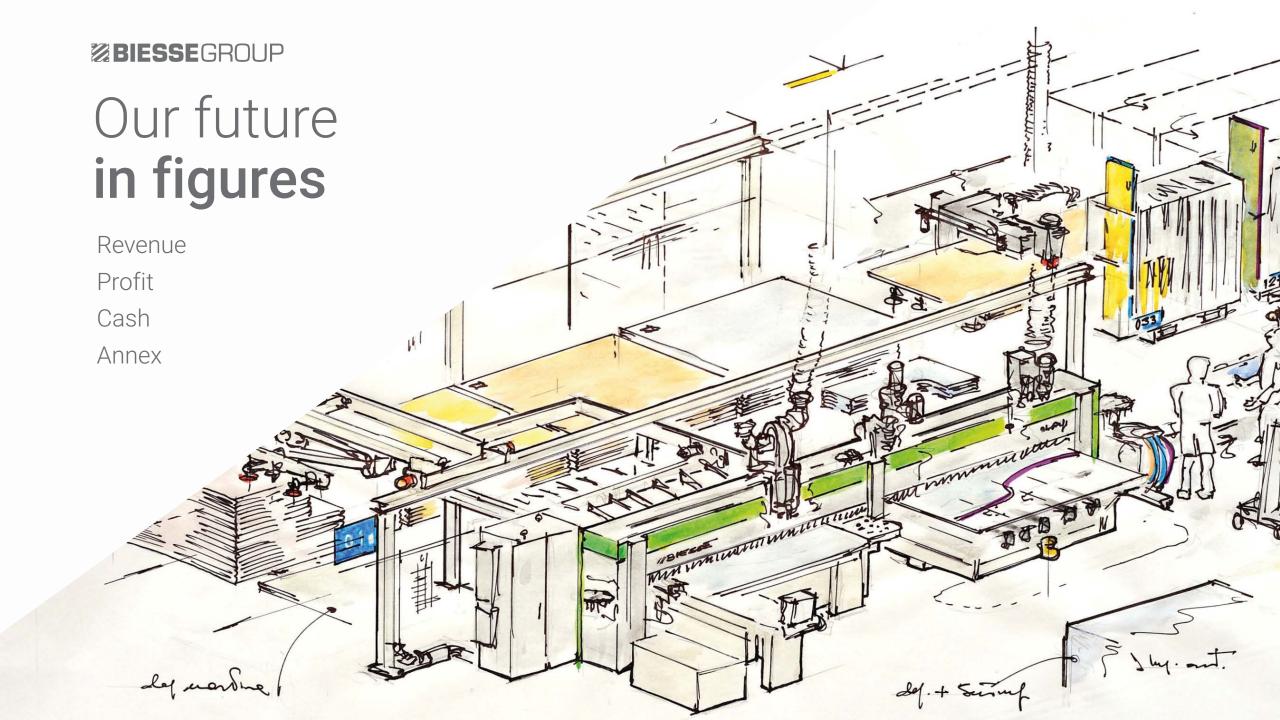




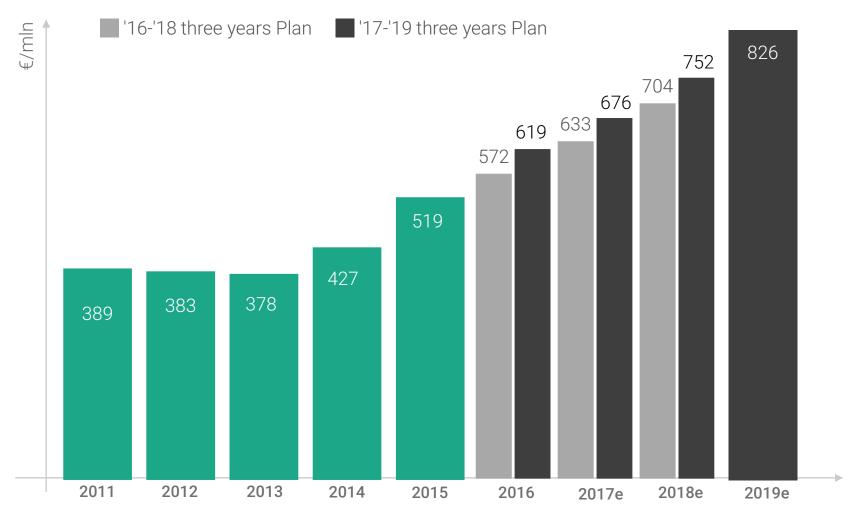
#### **BIESSE**GROUP







#### Net Sales - Anticipating plan execution



## Confirming the growth growth path to consolidate our leadership

- ✓ In 2016 we went beyond our targets, anticipating plan execution
- We yearn to achieve higher targets in 2019 leveraging on our strategy: more products, more solutions, more customers

#### Stabilize **Profitability**



10,1% Net sales CAGR 2017-2019

Continue our growth path

39%

Target COGS incidence on Net Sales

<30%

Target Labor Cost incidence on Net Sales

<20%

Target Overhead Cost on Incidence on Net Sales

Optimize our **productioncost** 

Invest in human
resources and
capabilities as growth
driver, controlling
incidence on net sales

Optimize Overhead cost

Our future in figures / Revenue

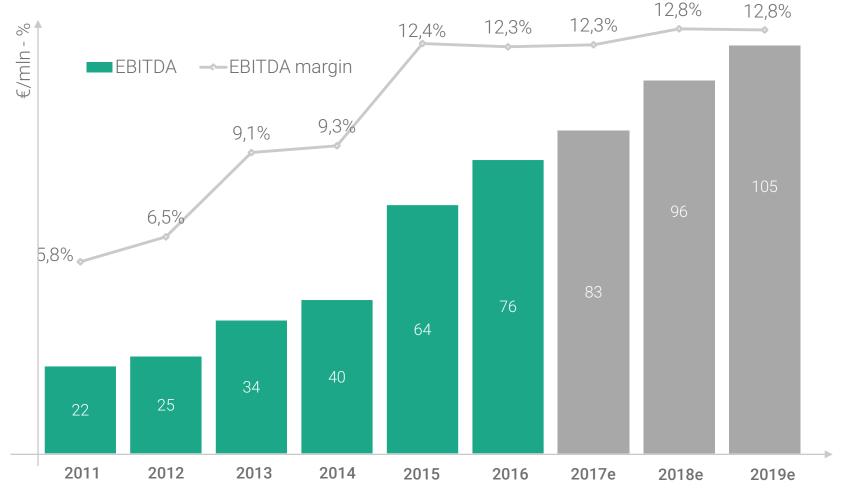


#### Continuing to pursue an organic growth.

- Increasing our sales force. subsidiaries. agents and distributors worldwide
- Growing **not only in the** woodworking machine sector. but also in the areas of glass. stone, mechatronics and advanced materials especially considering the after-sales services
- Continuing to **diversify into new sectors**: advanced materials and metal working



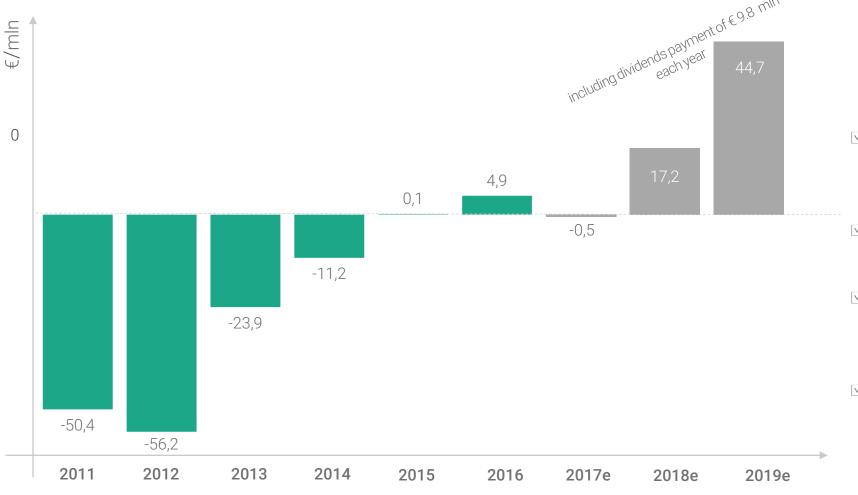
#### **Ebitda**



## Generation of value.

- Decreasing incidence of COGS on Net Sales through world production optimization and efficiency
- Maintaining Labour Cost incidence on Net Sales below30%
- Maintaining Overhead incidence on Net Sales well below 20%

#### **Net Financial Position**

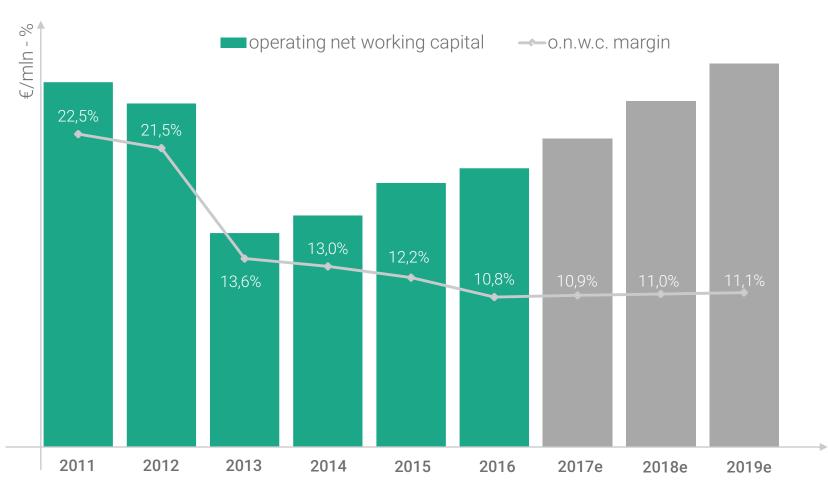


## Positive cash flow

- ✓ Starting point: positive Net Financial Position at the end of 2016
- ✓ Continuing to invest in R&D around 2% of Net Sales
- ✓ **Cash Flow** finances the projected increasing CAPEX to support our growth forecast
- Paid yearly dividends (since 2014 for tree years) for a total amount of > € 24 mln



#### Operating Net Working Capital

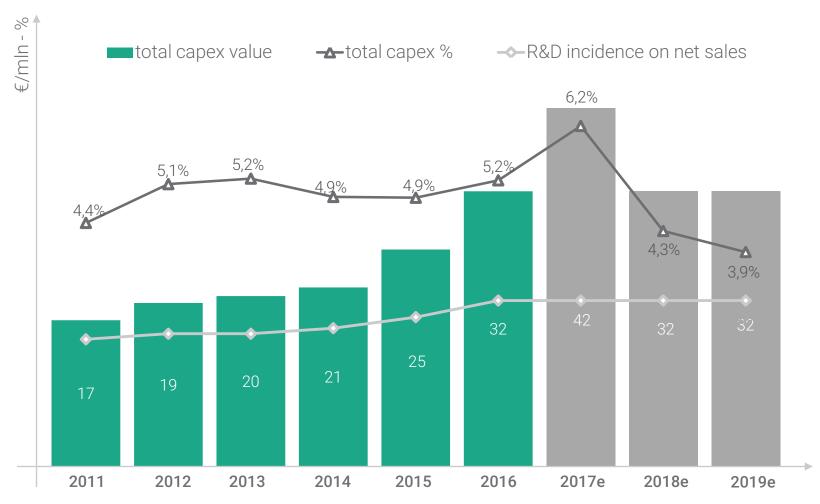


#### **Control** our Operating Net Working Capital.

- Maintaining Operating Net Working Capital incidence on Net Sales well below 12%
- Maintaining our Group inventories below 21% incidence on Net Sales
- ✓ Maintaining our Group DSO around 60 -65 days
  - Maintaining our Group **DPO** around **100-110 days**

#### Our future in figures / Other figures

#### Capex\*



<sup>\*</sup>Potential growth strategy through M&A not included

## Continue our growth path through investments.

#### 2017e

tangible: € 24.4 mln intangible: € 17.2 mln

main investments drivers:

- ✓ Indian Manufacturing Site
- Chinese durable goods investments (KOREX)
- ✓ Mechatronics Italian plant (HSD S.p.A.) components production machines
- Metal Working (internal phase): improvement of the components production
- ✓ I.T.: digital factory PLM & CRM Oracle implementation
- R&D constant investment. around 2% on net sales every year



#### Capex: tangibles



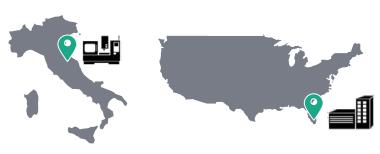
✓ **Indian** Manufacturing Site widening to meet the projected productive expansion



 Chinese Production Site upgrade and durable goods investments (KOREX)
 CNC lathe, vertical and horizontal working center machines

#### TANGIBLE ASSETS

## Continue our growth path through investments



✓ Mechatronics Italian plant (HSD S.p.A.) components production machines (rotary tables) + american subsidiary new site (HSD U.S.A. subsidiary)





Metal working (internal phase): improvement of the components production – durable goods investments. Our future in figures / Other figures

Capex: intangibles

continue our growth path through investments

**Collaboration Communication Co-sharing** 





#### Extract of the P&L

	€/mln	2013	2014	2015	2016		2019e	Targets
	Net sales year -1	378.4 <b>-1.2</b> %	427.1 <b>+12.9</b> %	519.1 <b>+21.5</b> %	618.5 <b>+19.1</b> %	CAGR 10.1	825.7	
	Cost of good sold	155.9 <b>41.2</b> %	177.6 41.6%	206.1 39.8%	<sup>245.1</sup> 39.6%		<sup>322</sup> 39.0%	
	Value added	147.0	167.8	212.4	252.4		347.3	
	%	38.8%	39.3%	40.9%	40.8%	CAGR 11.2	42.1%	
	Labour cost	112.7 29.8%	128.2 30.0%	148.2 28.6%	176.69 28.6%		241.9 29.3%	< 30% incidence
	overhead	81.8 21.6%	91.0 <b>21.3</b> %	104.7 20.2%	124.5 <b>20.1%</b>		159.4 <b>19.3</b> %	< 20% incidence
\ \	EBITDA	34.3	39.6	64.1	75.8		105.4	
	%	9.1%	9.3%	12.4%	12.3%	CAGR 11.6	12.8%	
	\ EBIT	18.1	24.8	43.7	55.1*		78.7	
	%	4.8%	5.8%	8.4%	8.9%	CAGR 12.6	9.5%	108
								100

#### Our future in figures / Other figures

# Operating Net Working Capital

Inventories		Payables	20.40/	20.00/	00 E9/	01 10/	20.7%	DPO 100-110
% net sales       22.8%       23.0%       21.5%       21.1%       20.2% <b>&lt;21%</b> Receivables % net sales       20.1%       18.9%       20.3%       20.8%       20.8%       20.6%       DSO 60-65 days		Payables % net sales	29.4%	28.8%	29.5%	31.1%	29.7%	DPO 100-110 days
% net sales	•		29.4%	28.8%	29.5%	31.1%	29.7%	
Receivables % net sales       20.1%       18.9%       20.3%       21.1%       20.2%       21.6%         Receivables % net sales       20.1%       18.9%       20.3%       20.8%       20.6%       DSO 60-65 days		Payables	20 4%	20.00/	20 5%	21 10/	20.7%	DPO 100-110
Receivables % net sales       20.1%       18.9%       20.3%       21.1%       20.2%       21.6%         Receivables % net sales       20.1%       18.9%       20.3%       20.8%       20.6%       DSO 60-65 days		Pavahles	0.0 40		00.50	04.40	00 70	DPO 100-110
Receivables % net sales       20.1%       18.9%       20.3%       21.1%       20.2%       21.6%         Receivables % net sales       20.1%       18.9%       20.3%       20.8%       20.6%       DSO 60-65 days		Dovables						DPO 100-110
Receivables % net sales       20.1%       18.9%       20.3%       21.1%       20.2%       21.6%         Receivables % net sales       20.1%       18.9%       20.3%       20.8%       20.6%       DSO 60-65 days								DDO 100 110
Receivables % net sales       20.1%       18.9%       20.3%       21.1%       20.2%       21.6%         Receivables % net sales       20.1%       18.9%       20.3%       20.8%       20.6%       DSO 60-65 days								DDO 100 110
% net sales       22.8%       23.0%       21.5%       21.1%       20.2%       <21%								DDO 100 110
% net sales       22.8%       23.0%       21.5%       21.1%       20.2%       <21%								
% net sales								
% net sales								
% net sales								days
% net sales		% net sales	20.170	10.570	20.070	20.070	20.070	days
% net sales			20.1%	18 9%	20.3%	20.8%	20.6%	
//8% /31% /15% /15%		D : 11						DSO 60-65
//8% /31% /15% /15%								
//8% /31% /15% /11%								
//8% /31% /15% /11%								
Inventories 22.0% 22.0% 21.5% 21.1% 20.2% 20.2%		% net sales	ZZ.O /0	23.07	21.570	∠1.1/0	∠∪.∠ ⁄₀	<b>\ZI</b> /0
			22.8%	23.0%	21.5%	21.1%	20.2%	<21%
		Inventorice						
								3
		€/mln	2013	2014	2015	2016	2019e	Targets
€/mln 2013 2014 2015 2016 2019e Targets								
€/mln 2013 2014 2015 2016 2019e Targets								

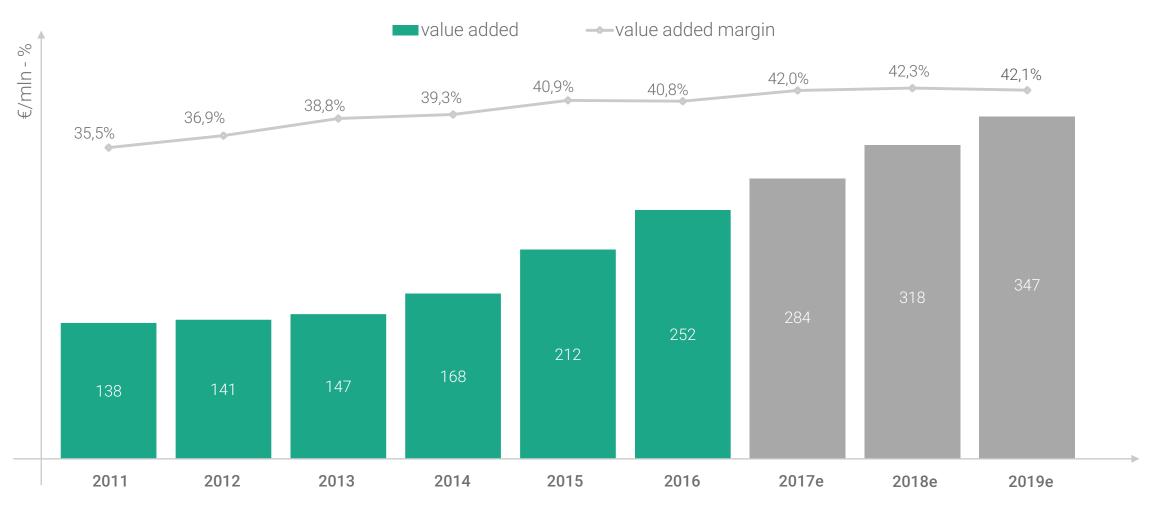


### Cashflow - Net Debt

€/mln	2013	2014	2015	2016	2019e
Gross Cashflow % net sales	52.0 13.8%	38.3 9.0%	46.3 <b>8.9</b> %	46.6 <b>7.5</b> %	69.3 <b>8.4</b> %
Investments % net sales	-19.8 5.2%	-20.8 4.9%	-25.2 <b>4.9</b> %	-32.0 5.9%	-32.0 3.9%
Net Cashflow % net sales	32.2 <b>8.5</b> %	17.5 <b>4.1</b> %	21.1 <b>4.1</b> %	14.6 <b>2.4</b> %	37.3 <b>4.5</b> %
dividends		-4.8 0.18 per share	-9.8 0.36 per share	-9.8 0.36 per share	-9.8 0.36 per share
Δ Net Debt		12.7	11.3	4.8	
Net Debt	-23.9	-11.2	0.1	4.9	44.7

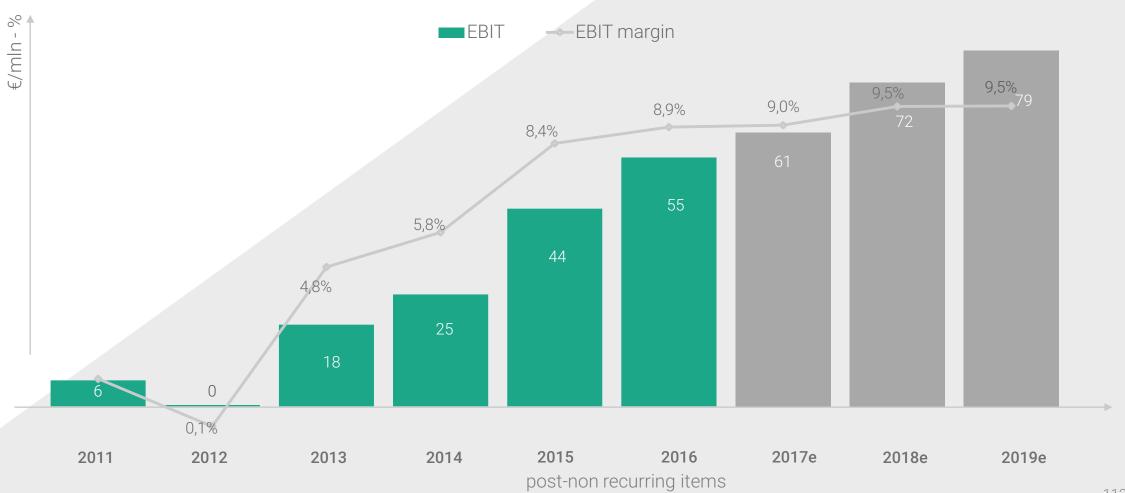
#### Our future in figures / Other figures

#### Value added

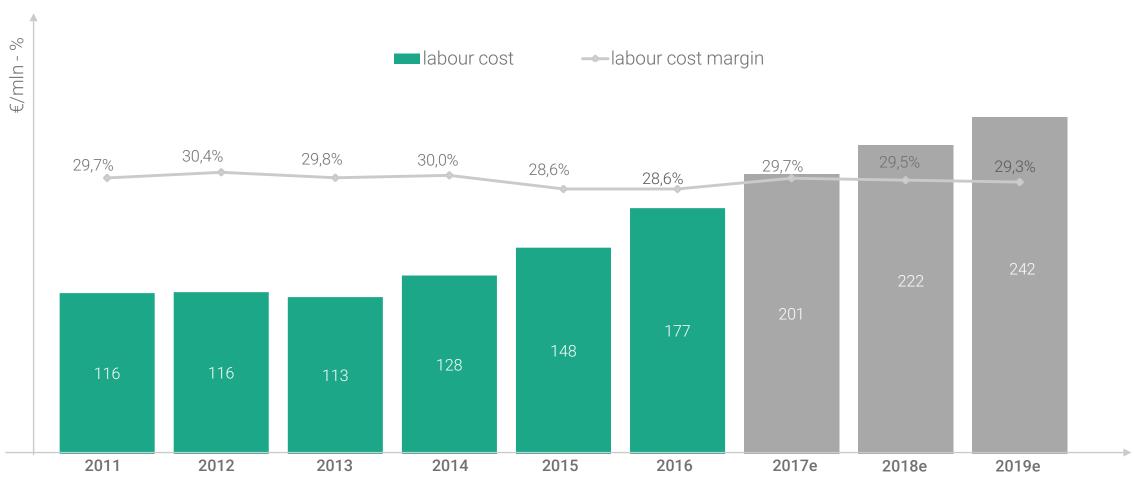




### **Ebit**



#### Labour cost



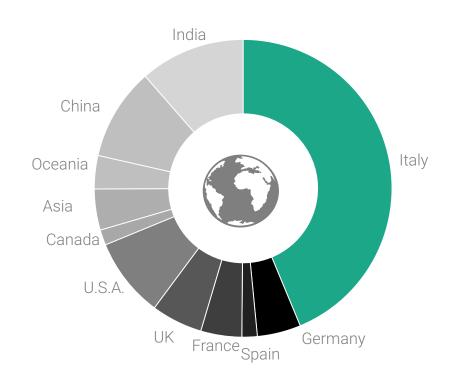


# People evolution

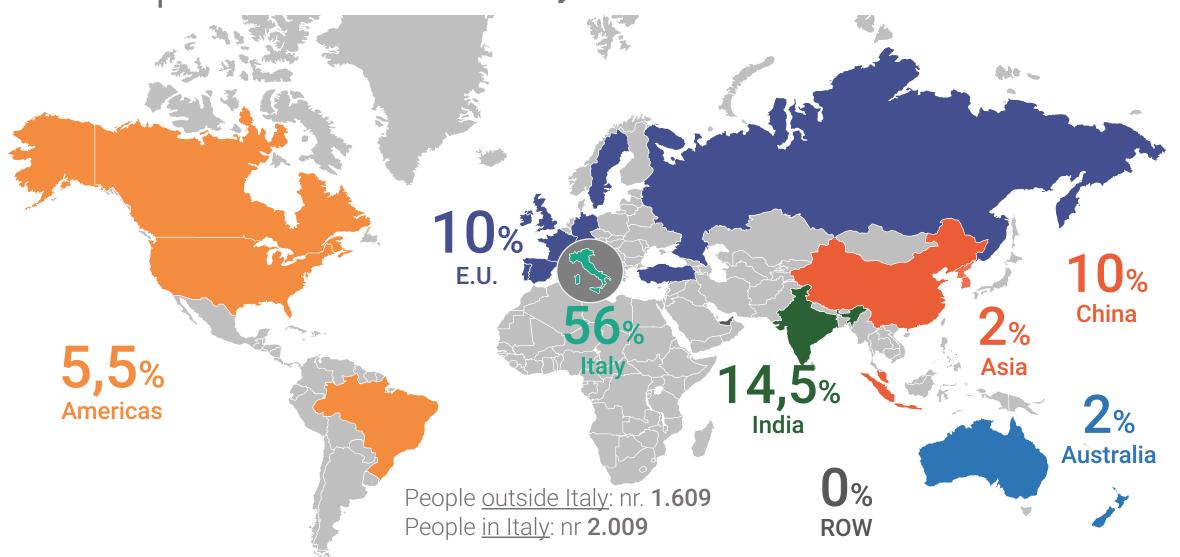
TOTAL	3.618	4,003	+10.6
OUTSIDE ITALY	1.609	1,837	+ 14.2
ITALY	2.009	2,166	+ 7.8
G & A	310	324	+4.5
Sales & Marketing	587	676	+15.2
R&D	436	495	+13.5
Service & After sale	803	934	+16.3
Production	1.482	1,574	+ 6.2
	FY 2016	FY 2017e	%

the labour cost increase is **EURO 25.1** mln vs 2016 (**29.7% 2017** incidence against net sale vs 28.5% in 2016)

#### Increase by countries

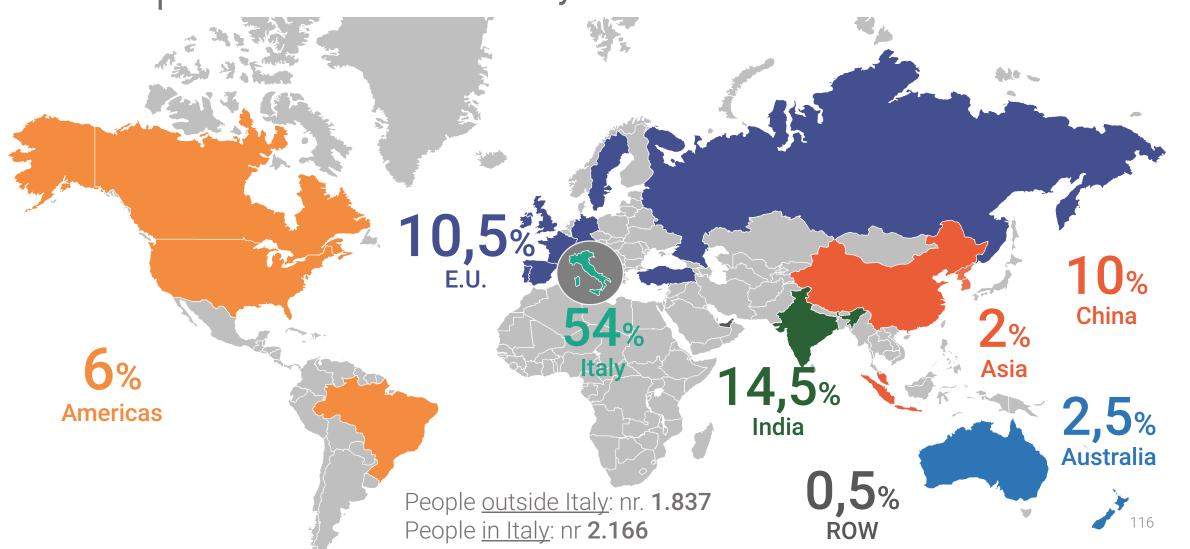


# People distribution by main countries - 2016





# People distribution by main countries - 2017e



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## Annex

#### **BIESSE**GROUP

#### Machines Market Value

per Unit

### **New Clients** Incremental **Substitutions &** Market Upgrade Value (Wood, Glass, Ston¢, Advanced Material & Metal) **Average Price**

Capital Goods demand



Capital Goods demand to increase efficiency

- Installed base
  - X

Replacement rate

Unit Price Evolution

Technological Mix

- Increase in demand globally
- **Emerging Counties** Industrialization
- Increase in labor cost Demand to increase efficiency
- Number of machines installed
- Machines value by ageing
- Service life
- Assets utilization

Raw material &

Add-ons

components costs

Automation degree

System integration

Obsolescence

#### Drivers and impact

**Furniture** 8 Housing **Aerospace**,

Automotive,

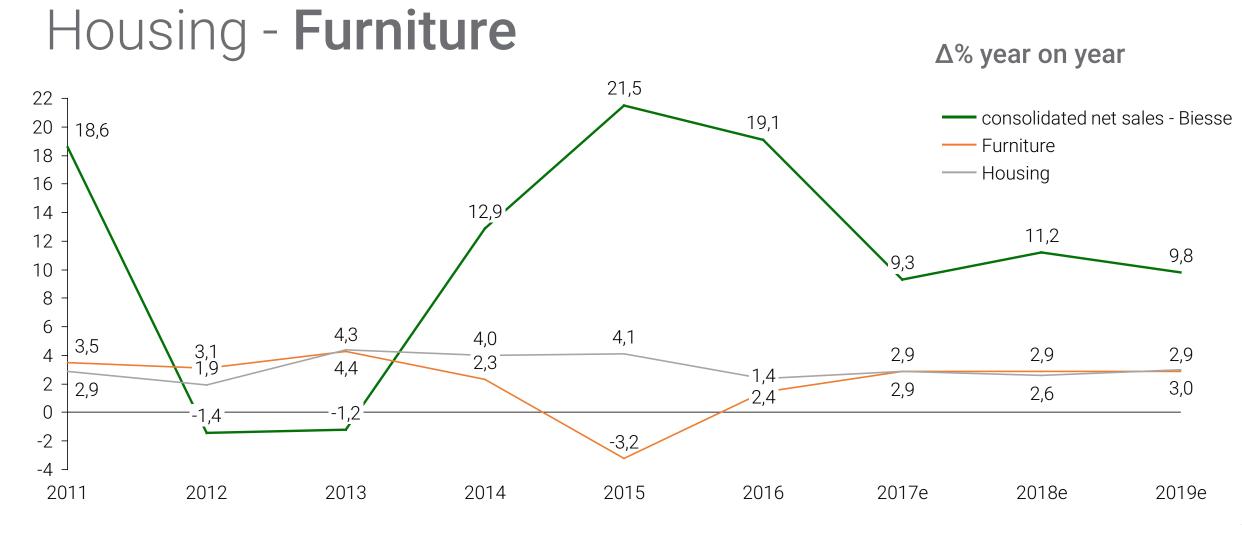
Metal

Construction

Low-Cost

ompetition

**Automation** 



Historical correlation index (since 2004)



# Housing & Furniture - Beta



world furniture & housing average 2017-2019: +2.9%

historical correlation index (2004-2016): 3.9

THEORETICAL BIESSE GROW RATE: 11.3%

#### **BIESSEGROUP**

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