

# Bekaert Capital Market Event 2016

Romania

6-7 June 2016

## Monday 6 June

- 14:00 Matthew Taylor: Welcome and intro
- 14:15 Prof. Dr. G. Wahl, Continental AG: Future Mobility - Impact on Tire Cord Requirements
- 15:30 Matthew Taylor: Business Update
- 16:45 Stijn Vanneste on the Bekaert Manufacturing Excellence Program
- 17:45 Bruno Humblet on Bridon-Bekaert Ropes Group: merger status
- 18:30 Conclusions
- 19:00 End of program
- 19:30 Dinner

## Tuesday 7 June

- 07:30 Bus transfer to Slatina
- 10:30 Pirelli Tyre plant: welcome and introduction
- 11:00 Pirelli Tyre plant visit
- 12:30 Lunch meeting with Bekaert Slatina management team
- 13:30 Bekaert Slatina plant visit
- 15:00 Return bus transfer to Bucharest
- 19:00 Dinner

*Bekaert is providing the information in this presentation as of this date and does not undertake any obligation to update any forward-looking statements contained in this document as a result of new information, future events or otherwise. Bekaert disclaims any liability for statements made or published by third parties and does not undertake any obligation to correct inaccurate data, information, conclusions or opinions published by third parties in relation to this or any other publication issued by Bekaert.*

# Business update

Matthew Taylor

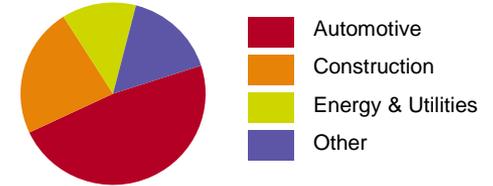
6 June 2016

# Region EMEA: 35% of consolidated sales Q1/2016 (30% of combined)

2015 profitability: REBIT 11.3% - EBITDA 16.4%

Presence and Macro-economic environment

- Presence primarily in Central Europe
- Automotive demand is strong



## Market and position of Bekaert

## Course of action

Automotive  
~ 50% of EMEA sales

- Tire cord: big5 tire manufacturers, long-term supply contracts and joint development agreements
- Pirelli steel cord activities integrated in 2015
- Other products: wiper blade, automotive spring wires,...

Maintain market leadership

Construction  
~ 20% of EMEA sales

- About half is Dramix®: flooring, underground solutions
- Other half: PC wire, fencing wire...

Maintain market leadership in target segments

Energy & utilities  
~ 15 % of EMEA sales

- About one third is oil and gas related. Others include:
- wires for overhead power cable & conductors, subsea cable armoring, telecom/data cable armoring,...

Monitor demand impact in oil & gas

Bekaert holds a top-3 market leadership position in its target sectors in EMEA.

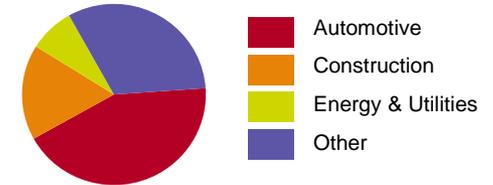
Business update: continued solid demand and performance in most European markets, but limited visibility on the evolutions in oil and gas, where demand has started to slow down over the past months.

# Region NAM: 17% of consolidated sales Q1/2016 (14% of combined)

2015 profitability: REBIT 3.3% - EBITDA 7.8%

Presence and macro-economic environment

- Automotive: strong demand
- Mixed inputs from other industries: agricultural sector and utility markets (power grid investments) are weak
- Competition in industrial wires : primarily from integrated players and cheap imports



Market and position of Bekaert

Course of action

Automotive and flat & shaped specialties  
~ 50% of NAM sales

- Bead wire facility in Rome (fire Q4 2014: major volume loss) – recovering share as of 2016
- Tire cord plant in Rogers: running at full capacity – demand growth driven by customer investments and domestic sourcing policies
- Flat & shaped wire plant in Orrville: improved performance but hit by low oil and gas demand

Regain bead wire customers and capture growth in tire cord

Product portfolio review for flat and shaped

Industrial  
~ 33% of NAM sales

- Plant closure Surrey Canada (early 2014)
- Other plants: Van Buren, Shelbyville
- Low occupation: agricultural, strands

Portfolio optimization  
Manufacturing excellence  
Customer excellence

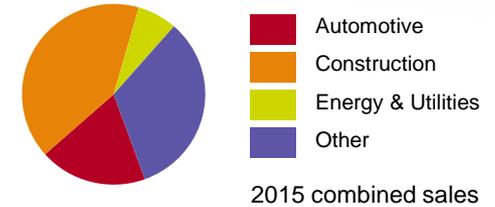
2016 to show better performance (re-capture majority of volume for bead wire) and improvement from excellence programs and product mix in other activities.

# Region LATAM: 20% of consolidated sales Q1/2016 (31% of combined)

2015 profitability: REBIT 6.0% - EBITDA 9.4%

Presence and macro-economic environment

- Brazil: recession continues - BRL devaluation to US\$ & €
- Chile, Peru, Ecuador, Colombia, Venezuela and Central America: economies are weaker than before: less government & public infrastructure spending; Currencies devalue vs US\$



Market and position of Bekaert

Course of action

JV Brazil  
~ 20% of combined sales

- JV with ArcelorMittal (AM-55%, BK-45%)
- Complementary roles of the partners: distribution and wire rod (AM) – operations (BK)
- JV is the market leader in Brazil
- Broad portfolio – outperforming the market performance

Leverage capability range  
Cost management  
Competitiveness vs imports

100% owned Brazil  
~ 14% of LATAM sales

- Acquisitions Ropes (CIMAF), Tire cord (Pirelli)
- Tire cord driven by Pirelli demand and export

Customer value (LTSA)

Other significant  
Chile: ~40%;  
Peru: ~17%;  
Ecuador: ~14%

- long-lasting partnerships
- High market shares: 30%-75%
- Less industrialized demand: mainly construction and agri markets

Leverage market position  
Cost management  
Continue mix improvement

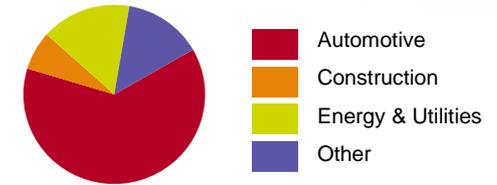
Economic environment remains challenging. Bekaert will continue to strengthen its position and improve its business portfolio. Venezuela: maximally covered.

# Region APAC: 29% of consolidated sales Q1/2016 (25% of combined)

2015 profitability: REBIT 7.6% - EBITDA 18.4%

Presence and macro-economic environment

China: 75% of APAC sales – 20% of Bekaert consolidated top line. Economy still growing but at lower pace.  
India and Southeast Asia show GDP acceleration



## Market and position of Bekaert

## Course of action

Tire Cord China  
~ 50% of APAC sales

- 50% of global tire needs is produced in China
- Market: 20% passenger – 80% truck
- 20% OEM, 80% replacement
- Passenger growing, truck is slightly down
- Structural overcapacity leads to price-erosion

Launch products with lower total cost for customers

Filler volumes

Footprint analysis

Sawing wire  
~ 12% of APAC sales

- Market is growing month by month
- Good margins but not comparable to 2010-2011
- For second generation products, Bekaert #1

Efficient footprint

Innovation

Industrial markets APAC  
~ 10 % of APAC sales

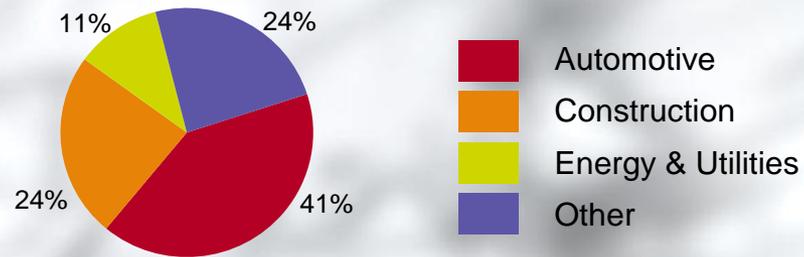
- Took longer than anticipated to make acquired entities (Malaysia/China) profitable
- Turnaround in 2H 2015

Portfolio optimization

Cost management

Tire Cord China: higher market share and margins in 2015. Sawing wire market and share are growing. 2016 should see more benefits from SEA turnaround and APAC mix improvement.

# Business update by sector



# Business Update Automotive Markets

## Market developments and positions:

- Firm demand from automotive markets
- Growing market share by:
  - the integration of the former Pirelli steel cord plants
  - increased competitiveness in China
  - LTSA with customers in growth markets
- More than 40% of the Group top line.  
About one third of the global tire cord market
- 2<sup>nd</sup> half of the year: risk of slowing tire markets

## Challenges:

- Continued price erosion in China – overcapacity
- Demand volatility driven by steel prices and trade barriers – speculation

## Opportunities:

- Growth expectations India and South East Asia
- Increased competitiveness driven by transformation programs > gain market share
- Long-term trends - innovation focus

## Strategic programs:

- Expansion programs in Rogers (US), Indonesia, India, Russia, Slovakia, .. Bead wire capacity expansions in China and Rome (US) > as was planned before the fire
- Full integration of the ex-Pirelli plants
- Transformation programs: \*BMS/BCE and successful strategy to create the highest value tire cord business in China
- Innovation through co-development with tire makers and other global automotive customers





# Looking for a longer lasting and **greener** tire?

Our new **TAWI** technology makes it possible to create cobalt-free rubber compounds, which targets to



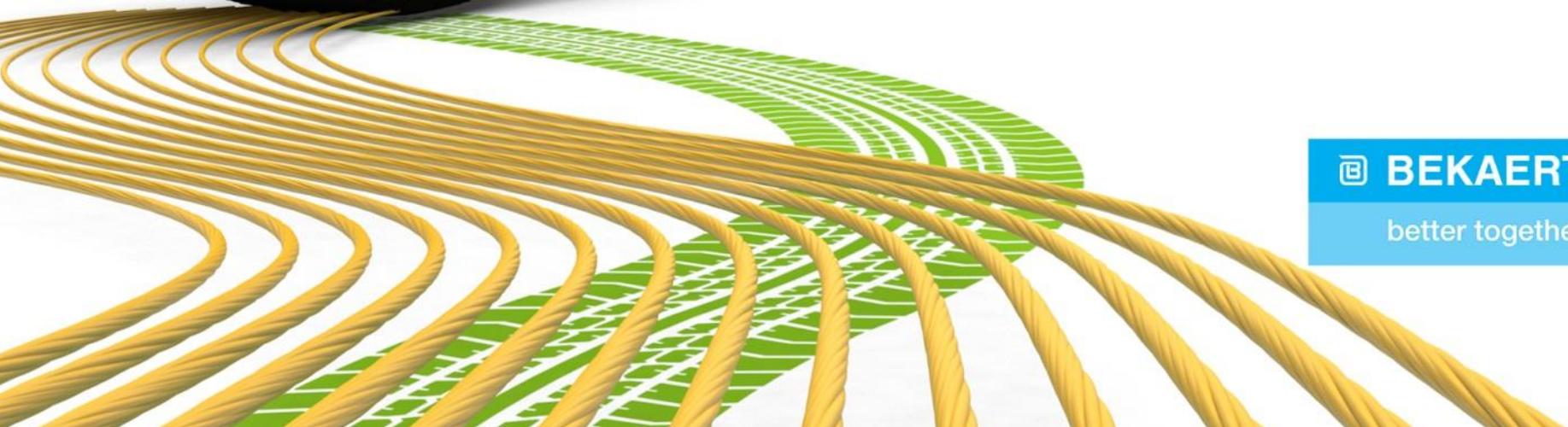
Reduce tire rolling resistance



Reduce vehicle fuel consumption



Reduce CO<sub>2</sub> emissions



 **BEKAERT**

better together

# Business Update Construction Markets

## Market developments and positions:

- Low steel prices make traditional steel bar reinforcement cost-beneficial (versus fibers)
- However, demand for Dramix® steadily increases, especially in EMEA
- Strong positions in currently depressed Latin American infrastructure markets
- About 25% of Bekaert's top line

## Challenges:

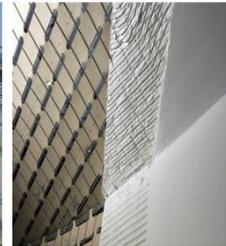
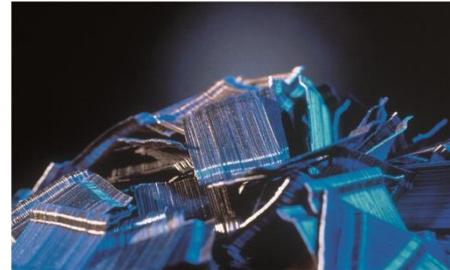
- Infrastructure investments are depressed in several regions due to economic slowdown and reduced government spending
- Low steel prices

## Opportunities:

- Dramix® market penetration potential
- Scale and proximity to customers – eg distribution models Latin America

## Strategic programs:

- Continued innovation:
  - Murfor® Compact launch
  - Dramix® 4D/5D
  - Road (repair) reinforcement solutions
- Growth potential Dramix® for flooring and underground applications in- and outside Europe
- Building Products LATAM: maintain / grow market share in difficult market conditions
- Benefits from recent investments (Russia, Costa Rica, buy-out partners in Australia, China)
- Building Products = pilot in BCE\* program



# Customer-driven innovation: Murfor® Compact

- ✓ Only one layer of glue needed
- ✓ On site cutting to the correct length
- ✓ No waste & less overlap
- ✓ Flexible and yet strong
- ✓ 30m on a roll, so flexible in use
- ✓ Much less space for transportation
- ✓ Light and ergonomic

## PACKAGING



25 pieces per bundle ( 75 m )  
40 bundles per pallet ( 3050 m )



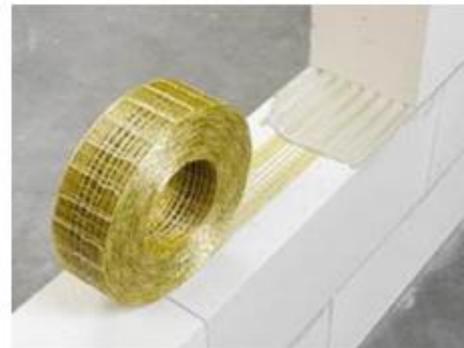
## YTONG Murfor® Compact



REVOLUTIONAIR  
NIEUW PRODUCT

De sterke toevan van Murfor tijdens het optrekken van YTONG muren is alom gekend. Speciaal voor YTONG werd een nieuwe revolutionaire uitvoering van deze wapening ontwikkeld. Met deze oplossing is slechts 1 laag Ytocalt ijm nodig voor het hechten van de Mokken. Het opbouwen van YTONG muren wordt hiermee nog eenvoudiger en sneller.

YTONG



# Business Update Energy Markets

## Market developments and positions:

- Growing demand in solar markets > sawing wire (18% sales growth YOY Q1 – 14% of sales APAC in Q1 2016)
- Public power grid investments: subject to government spending and competitiveness
- Oil price in an upward trend, but far from past levels. Investments on halt. Significant impact in our markets and on our business: flexible pipe armoring, oil & gas ropes

## Challenges:

- Oil & gas: low demand: low volumes+price pressure
- Solar: price erosion (especially in 1st generation), ability to meet strong demand with current capacities

## Opportunities:

- Oil & gas: demand for cost competitiveness will require innovative technology-driven solutions
- Solar: fast adoption of 2nd generation products and continuing innovation track

## Strategic programs:

- Innovation in sawing wire: 2nd generation (structured) products
- Align with temporary demand downturn in oil & gas and prepare for upturn
- Transformational programs \*BMS/BCE: competitiveness and growth
- Bridon-Bekaert Ropes Group (oil & gas one of the targeted markets)



# Our vision and how we deliver

Matthew Taylor

## ‘Field of Play’

Consistent with our better together aspiration,

we relentlessly pursue to be the preferred supplier for our steel wire products and solutions,

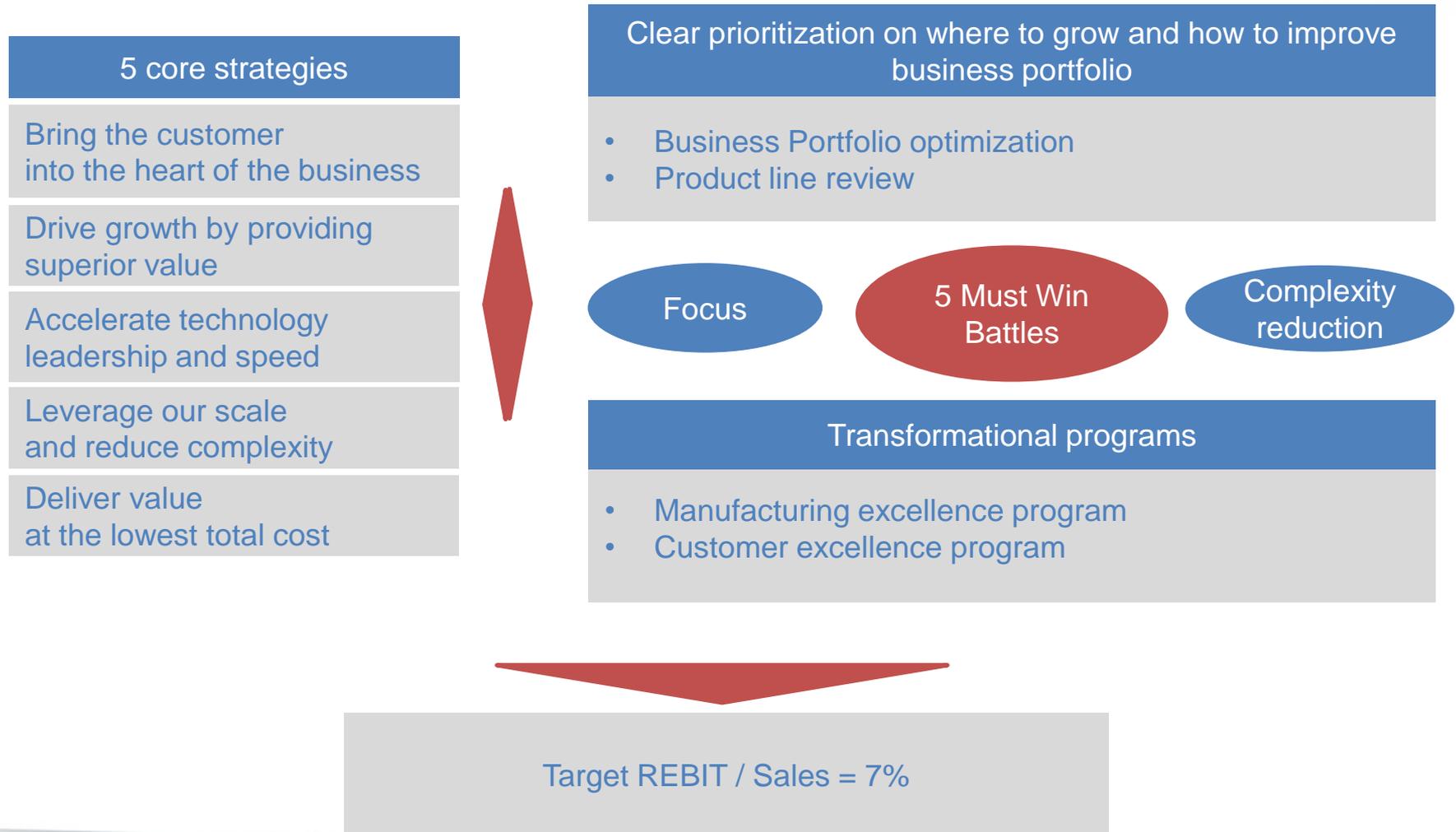
by continuously delivering superior value to our customers around the world.

# 5 Core Strategies

---

1. Drive customer into the heart of the business
2. Value driven growth
3. Technology leadership and speed
4. Leverage our scale to greater effect – reduce complexity
5. Lowest total cost

# How do we deliver?



# 5 Must Win Battles: our 'Key Priorities'

**Must Win Battles:** our priorities for the short term in implementing our Core Strategies:

- they obtain a special level of attention throughout the organization
- we prioritize resources and focus on them
- They are clearly deployed in individual and team objectives

Our (2015-2016) 'Must Win Battles':

1. **Cut the Crap:** speed & focus
2. **Build a Winning Business Portfolio**
3. **Install Manufacturing Excellence (BMS)**
4. 2015 '**Create the highest value Tire Cord business in China**'  
was replaced by '**Build the future for Bekaert in North America**' in 2016
5. 2015 '**Be the global top of mind Ropes solution provider**'  
will be replaced by **Drive Customer Excellence (BCE)** - upon completion of the Bridon deal.

# 1. MWB Cut the Crap: 5 priorities

Cut the Crap ...	
objective	issues
Eliminate Waste	Organization (Roles & Responsibilities), consensus/alignment meetings, travel, non-value add activity, tackle underperformance
The Vital Few	Complexity of projects, lack of prioritization, dissipated resources, lack of focus > What do we STOP DOING?
Empower	Organization: oversupervision, layers, span of control Responsibility/Authority/Accountability
Simplify	Bureaucracy, rules, too much self-justification, work creation (report creation/meeting creation, alignment needs)
Sustain	Once we've cleaned up, how to stop ourselves falling back again

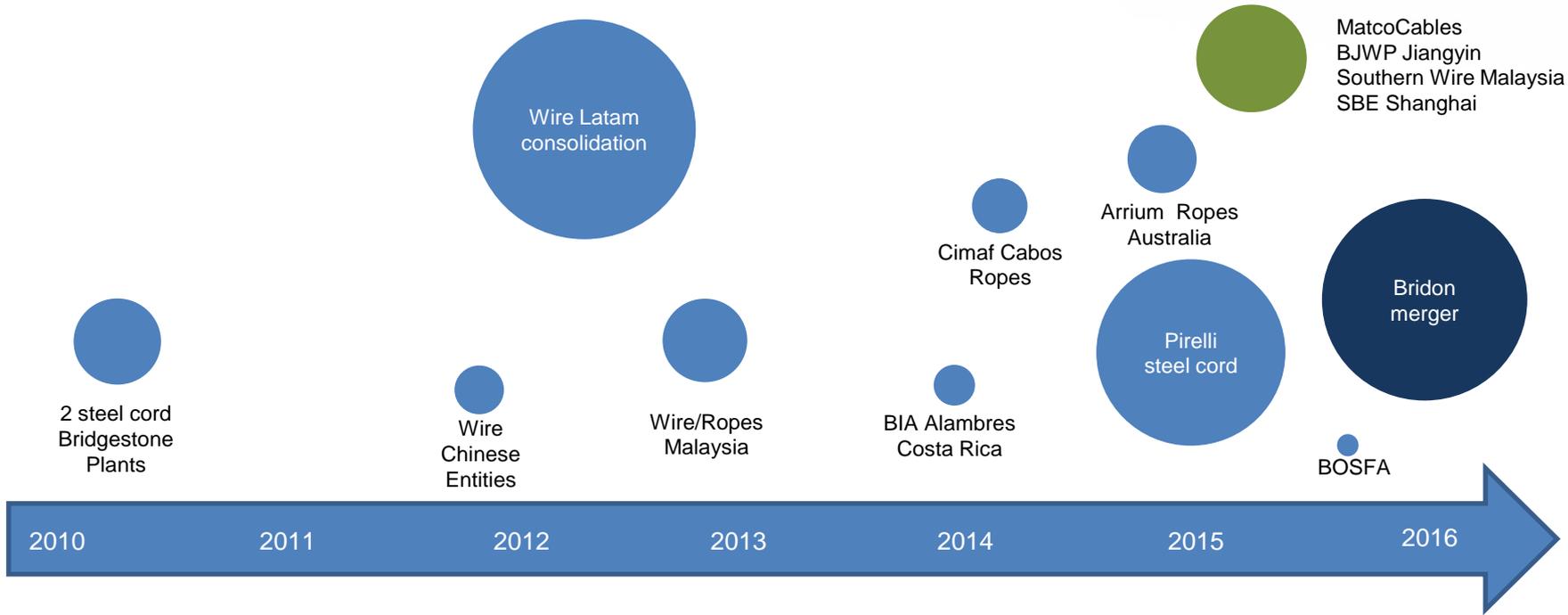
## 2. MWB Create a winning business portfolio

### 2.1. Clear prioritization of where to grow and how to improve our business portfolio

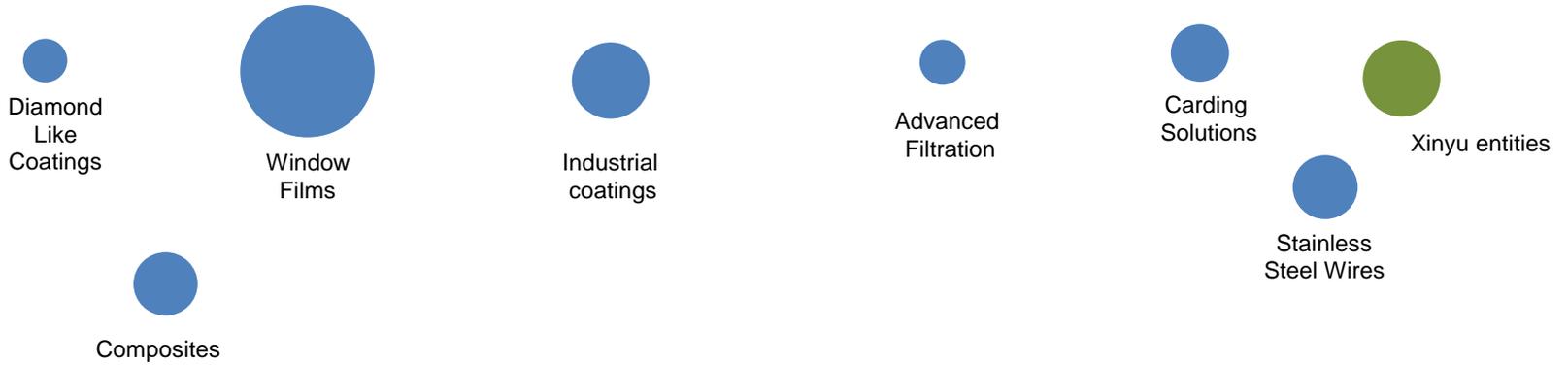
- We have narrowed our focus on those parts of the business where we can leverage our strengths; cf our recent acquisitions (Pirelli steel cord, Arrium ropes) and the intended merger in the ropes industry.
- 2016 margins will be positively impacted by the full-year effect of the recent exits from loss-generating activities including carding solutions and stainless steel wire.
- We removed complexity that didn't add value by changing the ownership in a number of entities where partnerships had not led to efficient and successful forms of cooperation.

# Business Portfolio Optimization Bekaert

## Acquisitions



## Divestitures



The **global transformational programs** supporting the company's vision and strategies have begun to show their effectiveness. They and are expected to come to their full potential over the coming years:

- **Manufacturing excellence** program aimed at gaining competitiveness by optimizing the company's quality, safety, delivery performance and productivity.  
> Presentation Stijn Vanneste
- The recently launched **Customer excellence** program to drive growth and margin performance. It will help us deliver on four objectives:
  - to anchor a customer-centric mindset across Bekaert
  - to differentiate ourselves in the market
  - to drive sustainable profitable growth by providing superior customer value
  - and to build a best-in-class commercial organization.
- These actions are expected to underpin our move towards a sustainable higher level performance.

# MWB 4 (2015) Creating the highest value tire cord business in China

- Our ambition: stepping up value-creative growth and achieving an undisputable leading market position in a very competitive and rapidly changing market environment.

- Synopsis of all Core Strategies and Must Win Battles

- Our approach:

- Gain cost leadership
- Reduce complexity
- Accelerate innovation
- Implement strategy to grow profit
- Build the passion to win

- The results:

- Significant market share increase
- Above-target savings potential of BMS\*
- Increased share of higher value-adding, innovative products
- Highly motivated team
- Outperforming our markets
- EBITDA 2015 H2: ~20% (total APAC)



# MWB 4 (2016): Building the future for Bekaert in North America

In 2016 we replaced the MWB on Creating the highest value tire cord business in China by

## **Building the future for Bekaert in North America**

The market, the customers, legislation and the competitors have changed significantly over the past decade and made our business model less competitive than it was previously.

We want to reverse the progressive deterioration of the region's contribution to our business – just like we have been able to do with the tire cord business in China.

- Special focus and attention to drive performance up
- Transformation programs in place:
  - our industrial and specialty wire businesses North America are a pilot for BCE (Bekaert Customer Excellence)
  - several plants are implementing the Bekaert Manufacturing Excellence program
- Frank Vromant, BGE member, has been appointed Executive Vice President for Bekaert Americas and will have his office in the regional headquarters Bekaert North America.

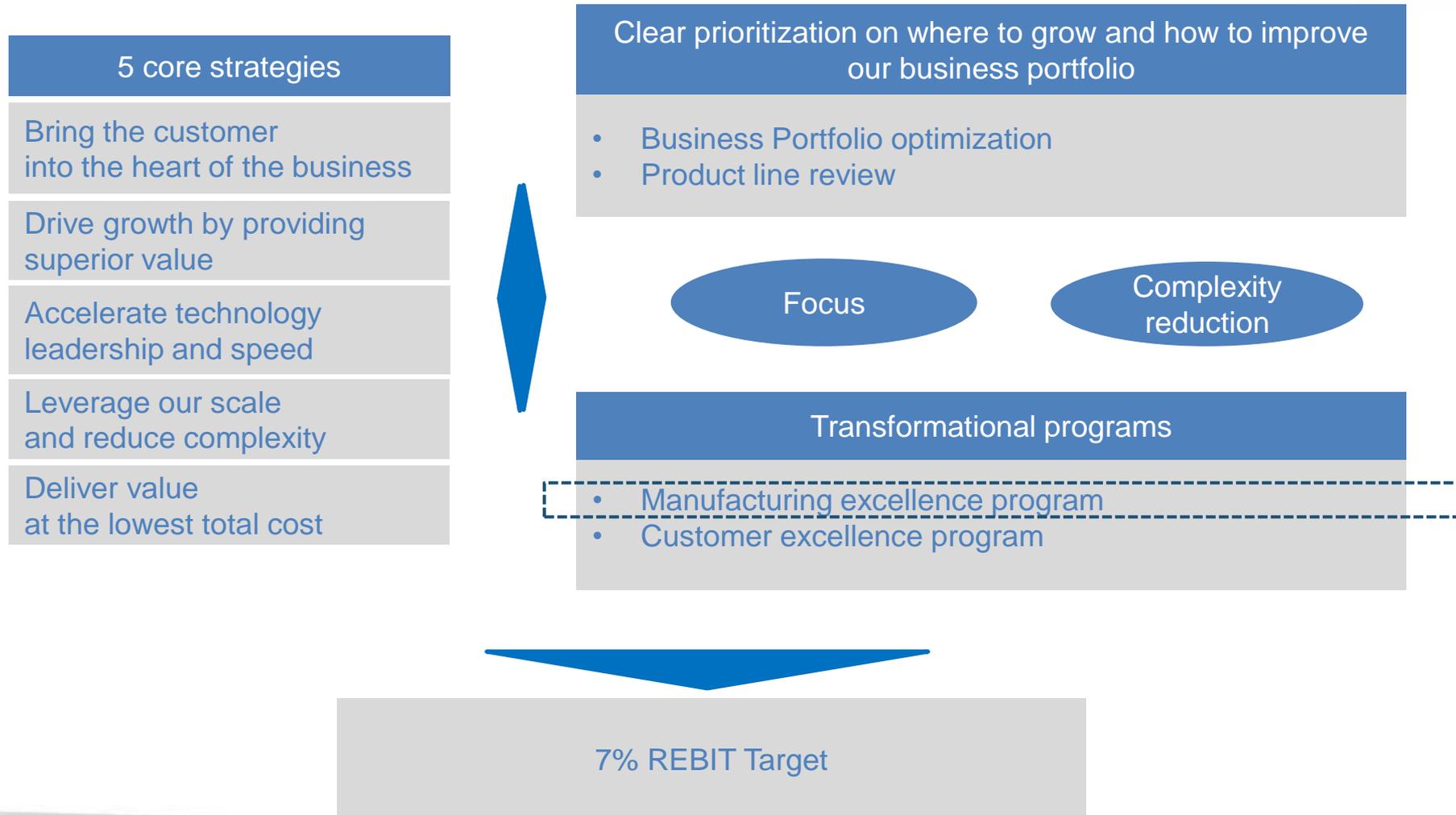
# Bekaert Manufacturing System

Stijn Vanneste

6 June 2016

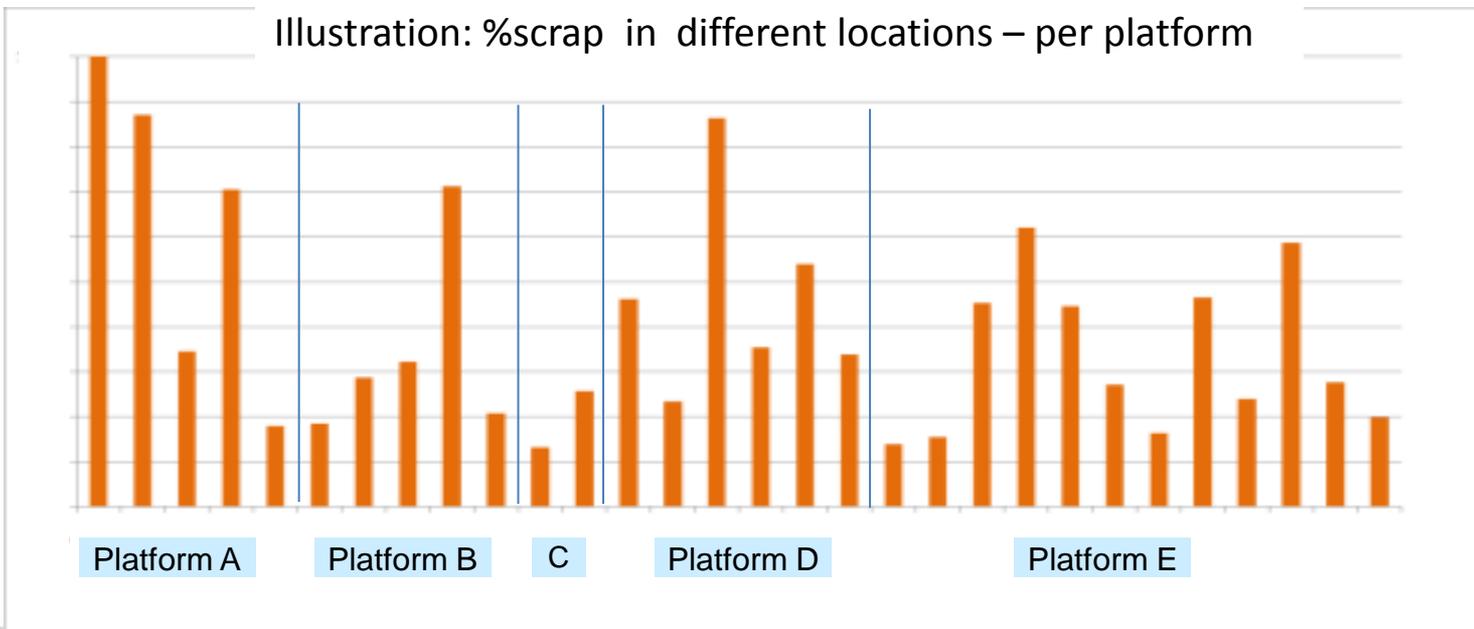
1. How do we deliver?
2. Why did we initiate the BMS project?
3. BMS program methodology
4. Resources and governance
5. BMS in “real life”

# How do we deliver?



# Why did we initiate the Bekaert Manufacturing System?

- Differences in operational performance between Bekaert plants
- Continuous improvement projects in all locations, without leveraging our scale as a global company
- Resources not always efficiently allocated and best practices not sufficiently shared or rolled out to other locations
- Potential is clear!



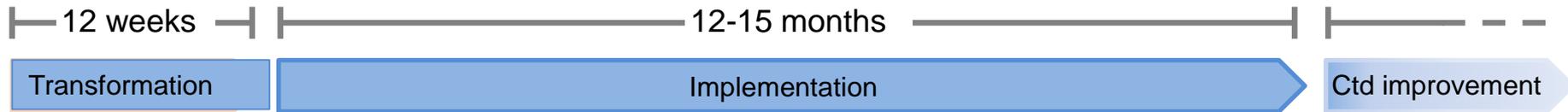
The Bekaert Manufacturing System (BMS) is to:

- Realize significant recurring cash cost savings and a higher contribution margin
- Implement a world-class manufacturing system in the plants, based on 3 dimensions:
  - People (behavior, culture, leadership)
  - Technical (processes, tools, best practices); with focus on:
    - Planning and scheduling (e.g. maximize output with minimal resources)
    - Materials management (inventory management, internal logistics)
    - Maintenance, Energy
  - Management
- Create a sustainable platform for continuous improvement
- Develop manufacturing excellence skills, capability and capacity
- Implement a process for best practice sharing/implementation throughout Bekaert
- Clarify interfaces/improve alignment between central support functions & the plants

1. How do we deliver?
2. Why did we initiate the BMS project?
3. BMS program methodology
4. Resources and governance
5. BMS in “real life”

# Program methodology

- Per unit of +/- 350 people
- 12 weeks transformation + 12-15 months of implementation

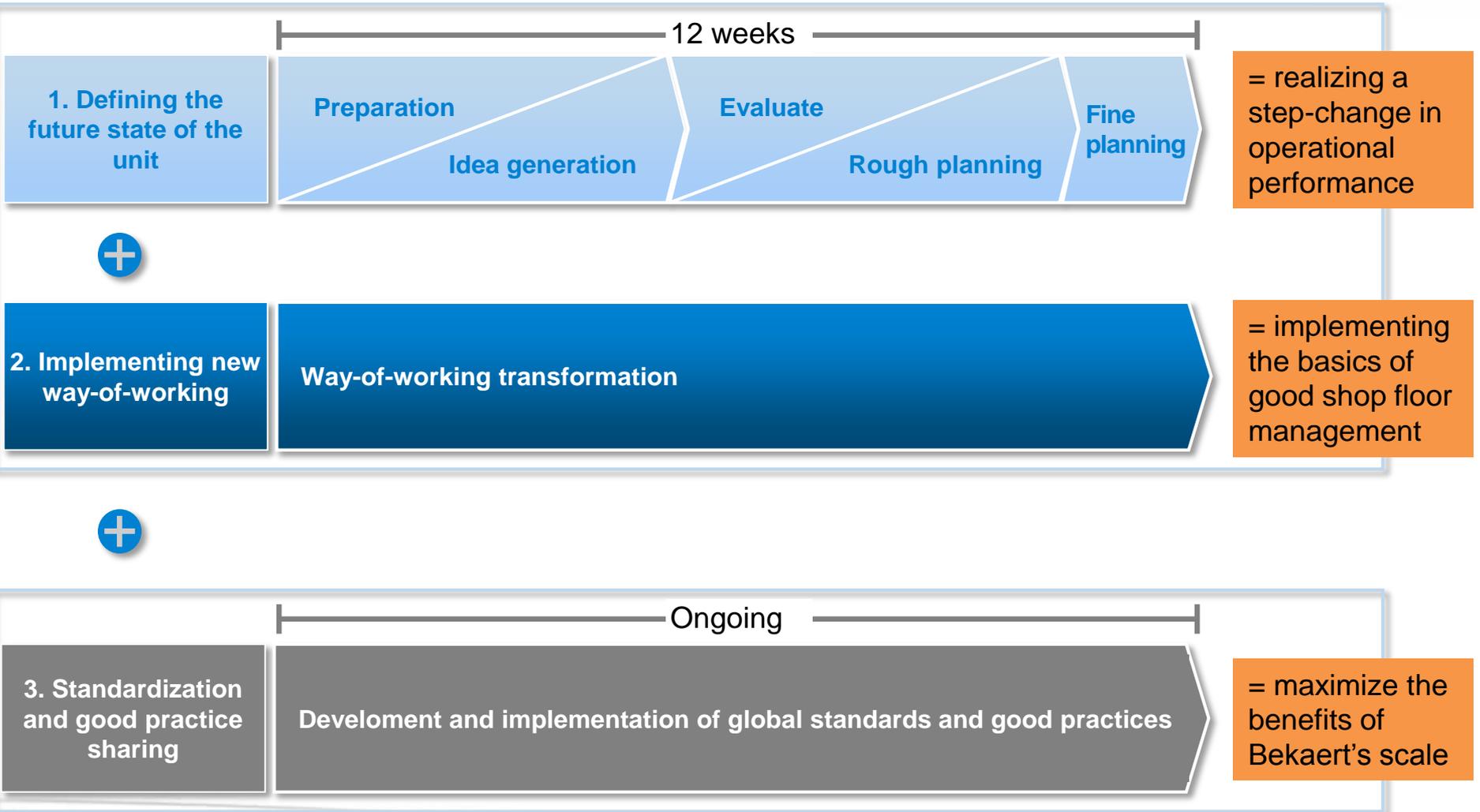


- Intense period
- 3 steering committees
- Deliverables:
  - Quick wins
  - Detailed implementation plan for 'future state'
  - Way of working implementation started, detailed plan ready
- BMS becomes a natural way of doing things
- Wave (monitoring) tool ensures strict implementation of actions
- Steering committees to follow implementation and progress
- Local change agents under guidance of stream leader support
- Deliverables:
  - Action plans fully implemented and kept up to date during implementation
  - BMS becomes natural, no risk of 'falling back'
- Further implementation of relevant playbooks
- Using BMS as a strong continuous improvement platform

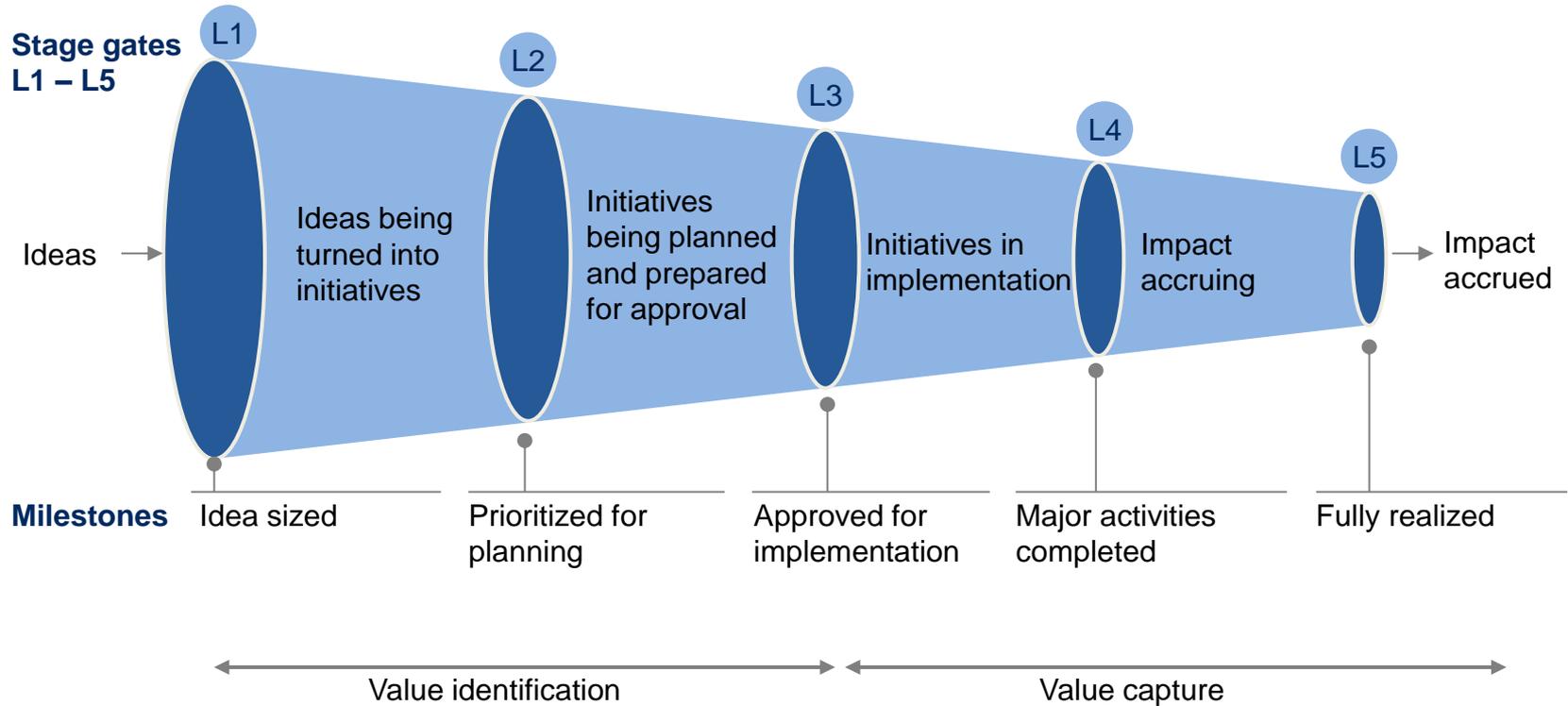
# Time line – BMS is ongoing in all 4 continents – locations scheduled by ‘wave’



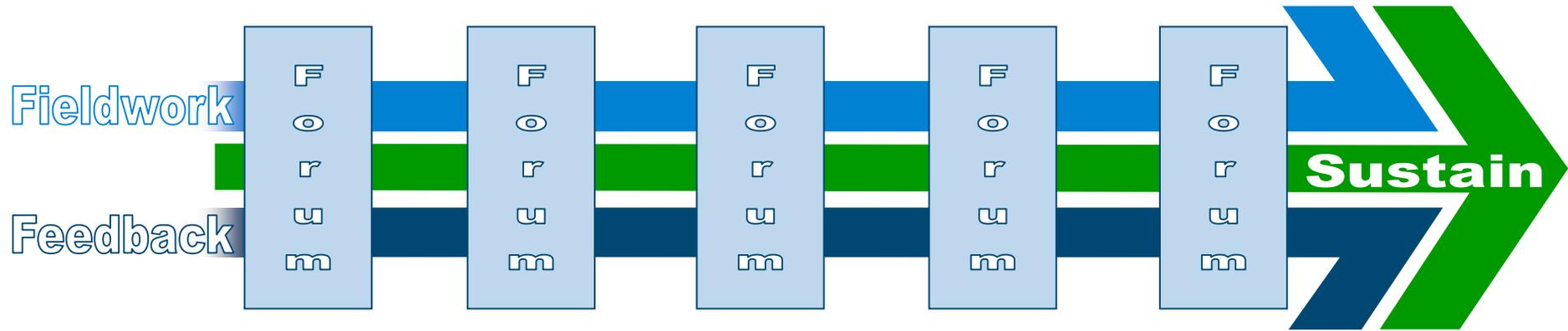
# The BMS transformation approach: 3 tracks



# Track 1 - Idea generation & future state definition



## Track 2 – Way of Working transformation



### Develop team & individual skills in forums

- Leadership & Expertise
- Knowledge & Skills

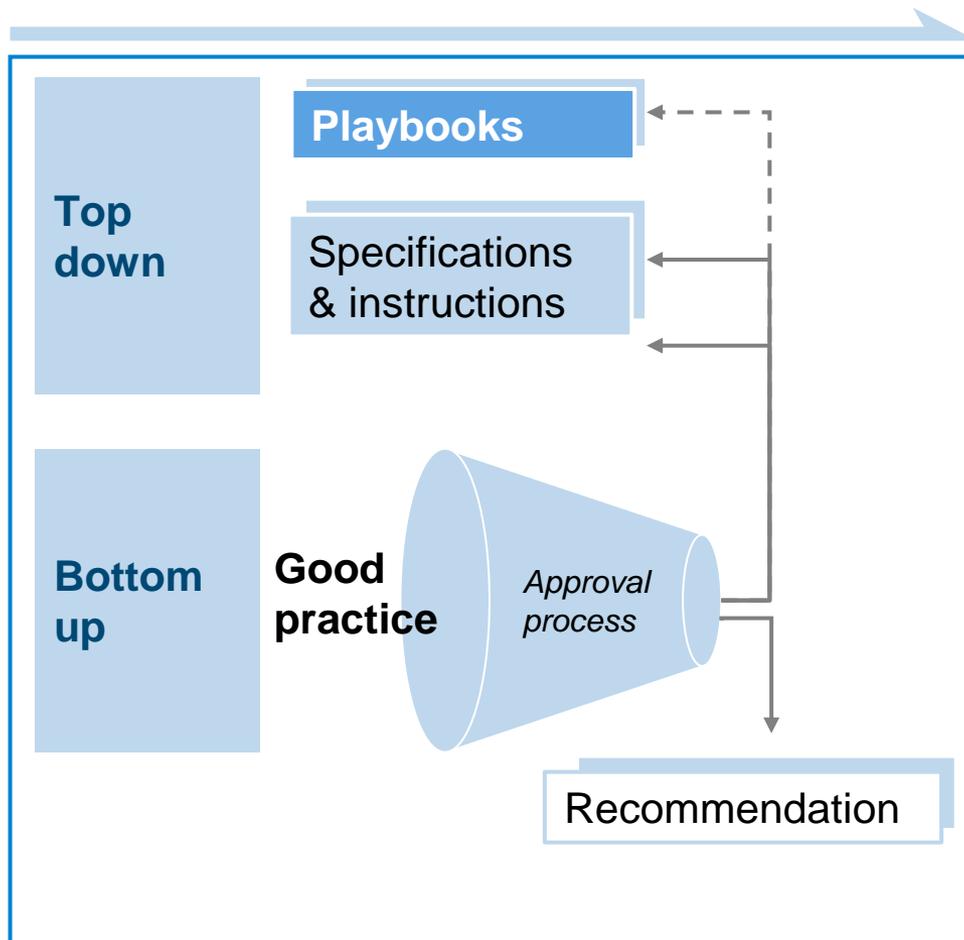
Execute fieldwork in the transformation units, adopting the new concepts & approach

### Get continuous feedback on the fieldwork execution

- Formal monitoring tools
- Daily/ weekly coaching sessions

## Track 3 - Standardization and good practice sharing

Standards are being developed centrally (top down) and locally (bottom up) and are linked with the good practice sharing mechanism



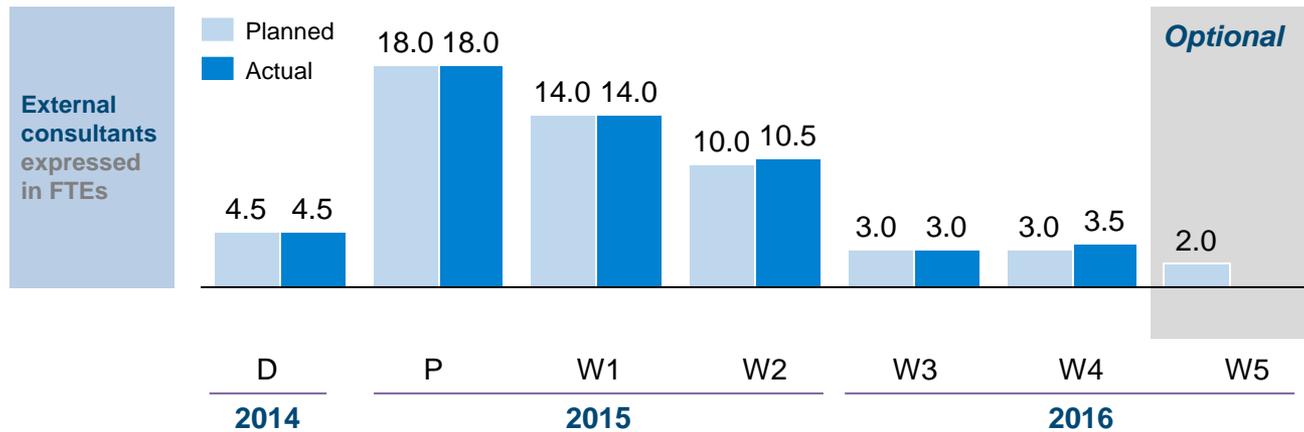
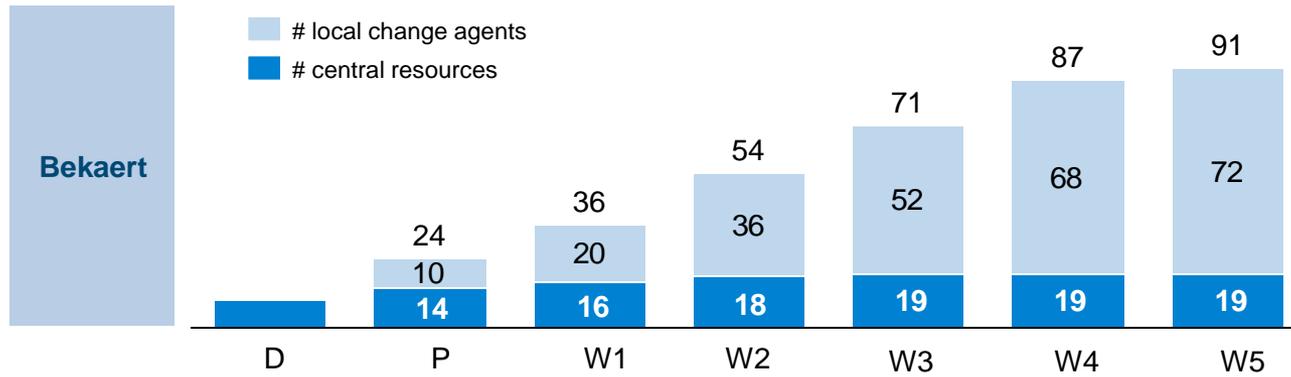
- **The optimal standardization: lowest total cost for Bekaert**
- **No ambiguity**; it has to be clear which standards need to be **globally** adopted versus which ones can be **regionally/locally** adapted.
- Standards are global if there is a **benefit of scale** across the network (synergies)

# Content

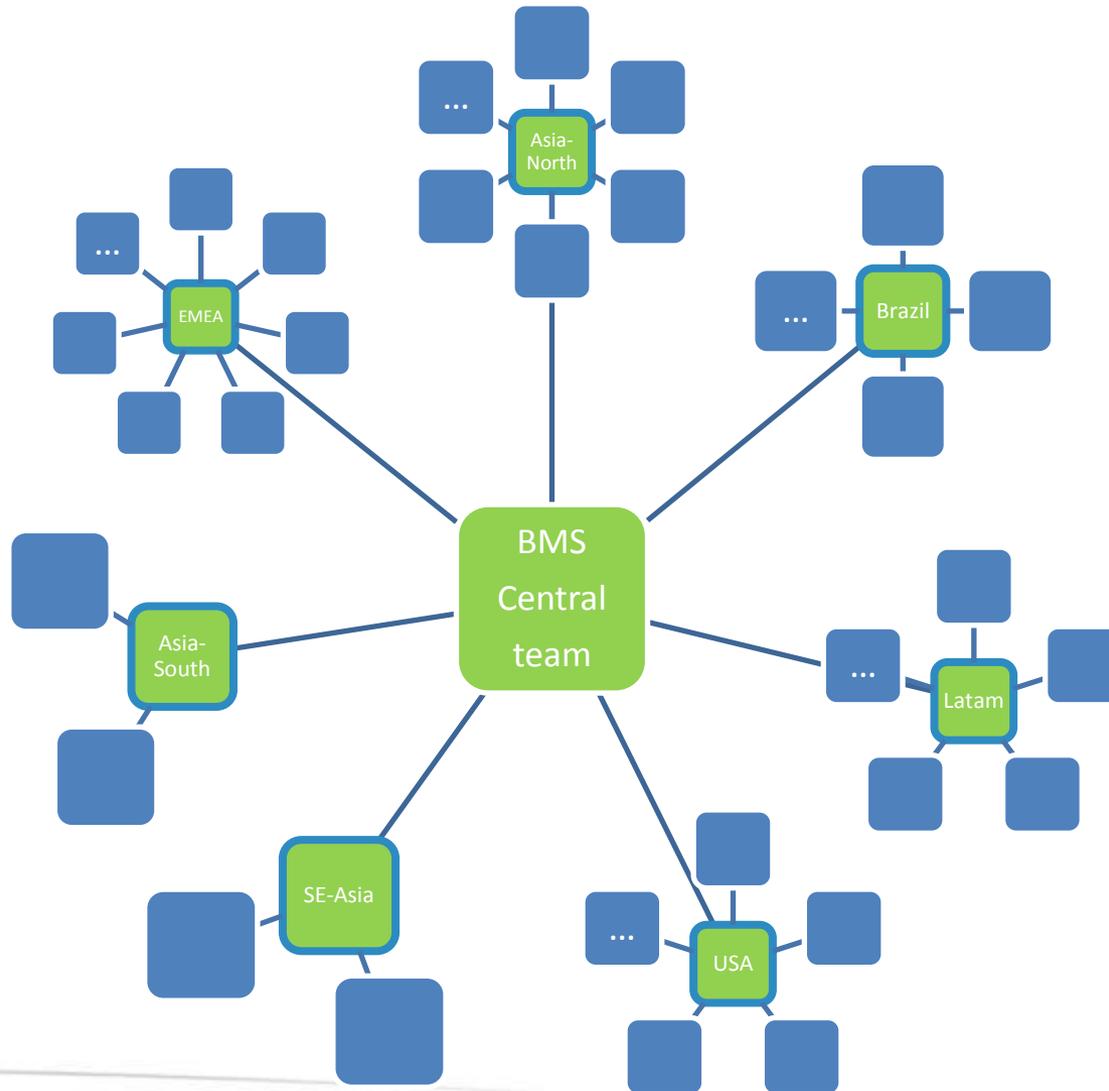
---

1. How do we deliver?
2. Why did we initiate the BMS project?
3. BMS program methodology
4. Resources and governance
5. BMS in “real life”

# Bekaert has built up the capacity & capability to further roll out BMS...



# Manufacturing Excellence: global and regional structure



Way of working:

Central team

- Sets the standards (definitions, procedures, tools, approach)
- Trains and works with regional coordinators
- Updates standards based on new insights, collected good practices

Regional team

- Trains and ensures standards are known and used in plants in the region
- Collects good practices in the region, gives inputs to the center
- Helps plants on specific issues

# Content

---

1. How do we deliver?
2. Why did we initiate the BMS project?
3. BMS program methodology
4. Resources and governance
5. BMS in “real life”

# BMS in “real life”

- Teams involving shop floor people, dedicated team of champions, change agents and (fading out) external consultant support
- Benefits will become increasingly visible in the income statement
- Enthusiasm and motivation to participate in the transformation program



# Bridon-Bekaert Ropes Group merger status

Bruno Humblet

6 June 2016

# Transaction Highlights

- Bekaert and Ontario Teachers' Pension Plan (OTPP) have reached a definitive agreement to combine the steel rope and advanced cords businesses of Bekaert with Bridon to form a joint venture company, [Bridon-Bekaert Ropes Group](#).
- Bekaert will hold a controlling equity interest of 66.7% and OTPP will hold 33.3%.
- Bruno Humblet will be appointed CEO of Bridon Bekaert Ropes Group and Andrew Caffyn will be the Chairman of the Board. Bruno will be heading a combined Bridon-Bekaert management team and will be replaced as CFO of Bekaert.
- The JV will leverage the skills and capabilities of about 2500 employees, 19 plants in 11 countries, market-focused R&D, and a global sales and service network
- JV will raise new third party debt finance (ring-fenced from Bekaert)
- Cash-neutral merger transaction
- Definitive merger agreement is subject to customary closing conditions including regulatory approvals - deal closing expected in the first half of 2016

# Transaction Rationale

## Fit With Bekaert Strategy

- Consistent with Bekaert's strategy to become a global leader in ropes
- Combination is the culmination of Bekaert's recent moves, including the acquisitions in Brazil, Texas US and Australia
- Highly complementary across geographies and sectors

## Product Offering

- Full range of state-of-the-art steel, synthetic and hybrid solutions, ancillary products and specialist services
- New product development pipeline to build next generation offering

## Manufacturing Capability

- Efficient and flexible factories, optimized for cost and serving customers from a global platform

## Transaction Benefits

- Leveraging scale and synergies in operations, procurement, technology, brand and customer service

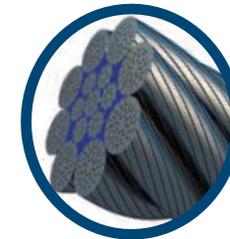
- Bridon activities and entities within scope
- Bekaert activities and entities within scope
- Bridon-Bekaert Ropes Group
- Q&A



Land and off shore exploration, infrastructure build, production, and decommissioning



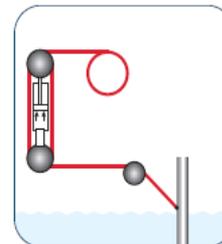
Hydra



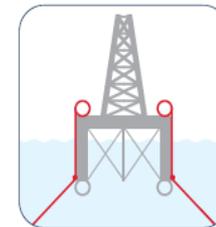
**BRISTAR**

Riser Tensioner Lines

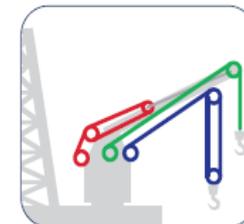
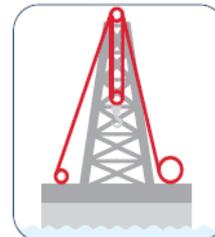
Anchor Lines

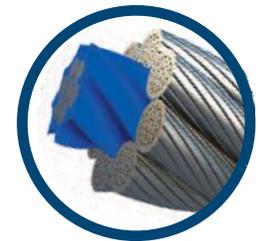
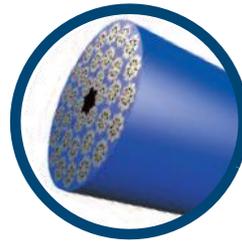


Drilling Lines



Crane Ropes





Surface and underground extraction

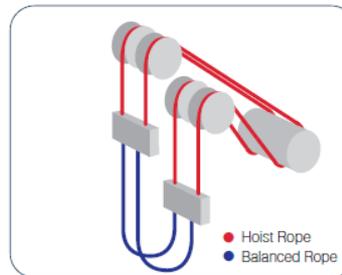
Under Ground



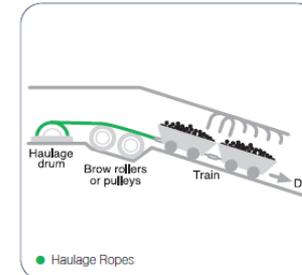
**NORILSK NICKEL**



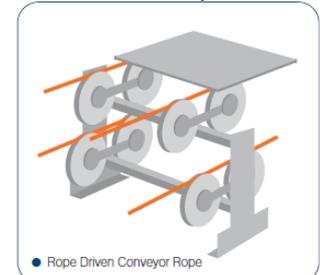
Hoist and Balance



Haulage

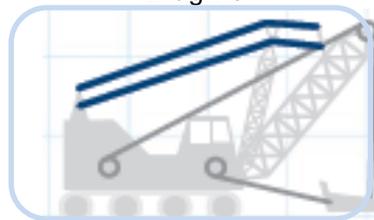


Conveyor

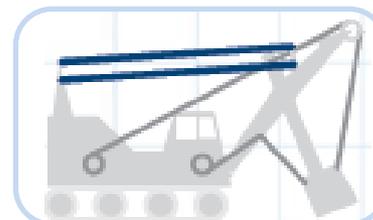


Surface

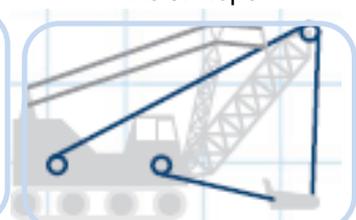
Dragline



Boom Line



Hoist Rope





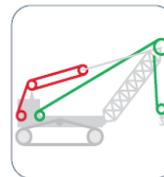
Port and Crane Equipment



Constructex®



Mobile Lattice and Boom Crane



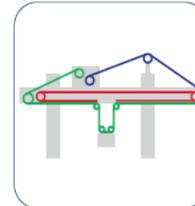
● Boom Hoist Rope  
● Main Hoist Rope

Telescopic Mobile Crane



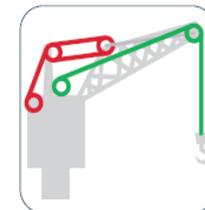
● Main Hoist Rope

Container Crane



● Trolley Rope  
● Boom Hoist Rope  
● Main Hoist Rope

Dockside Crane



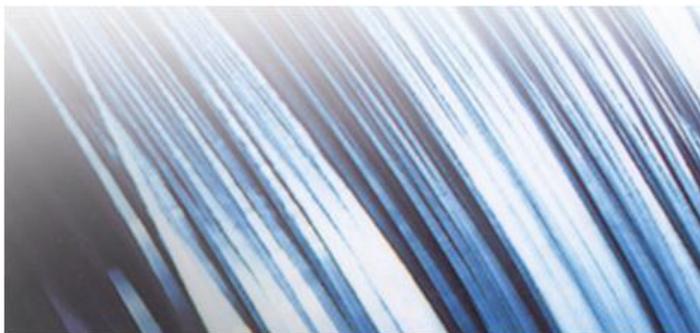
● Boom Hoist Rope  
● Main Hoist Rope

## Structures



❖ Bridges Buildings Stadiums

## Wires



❖ Wire rope, Armouring, General Engineering

## Marine



❖ Trawl Warps and Purse Wires  
❖ Harbour, Escort & Ocean Towing

## Services



❖ Repair and maintenance, Installation and replacement services, Inspection and testing, Non-destructive examination (NDE), Splicing



## Production plants in:

- Doncaster UK
- Neptune Quay UK
- Willington Quay UK
- Coatbridge (Scotland) UK
- Tønsberg Norway (Scanrope)
- Gelsenkirchen Germany
- Hanover Pennsylvania USA
- Exeter Pennsylvania USA
- Oakland City Indiana USA
- Hangzhou China
- Jakarta Indonesia

## Worldwide sales, services and distribution network. Main hubs in:

- Macae, Brasil
- Hong Kong
- Dubai
- Auckland, NZ
- etc.

# Agenda

---

- Bridon activities and entities within scope
- Bekaert activities and entities within scope
- Bridon-Bekaert Ropes Group
- Q&A

# Bekaert activities and entities within scope

---

Activities: ropes and advanced cords activities

Entities within scope:

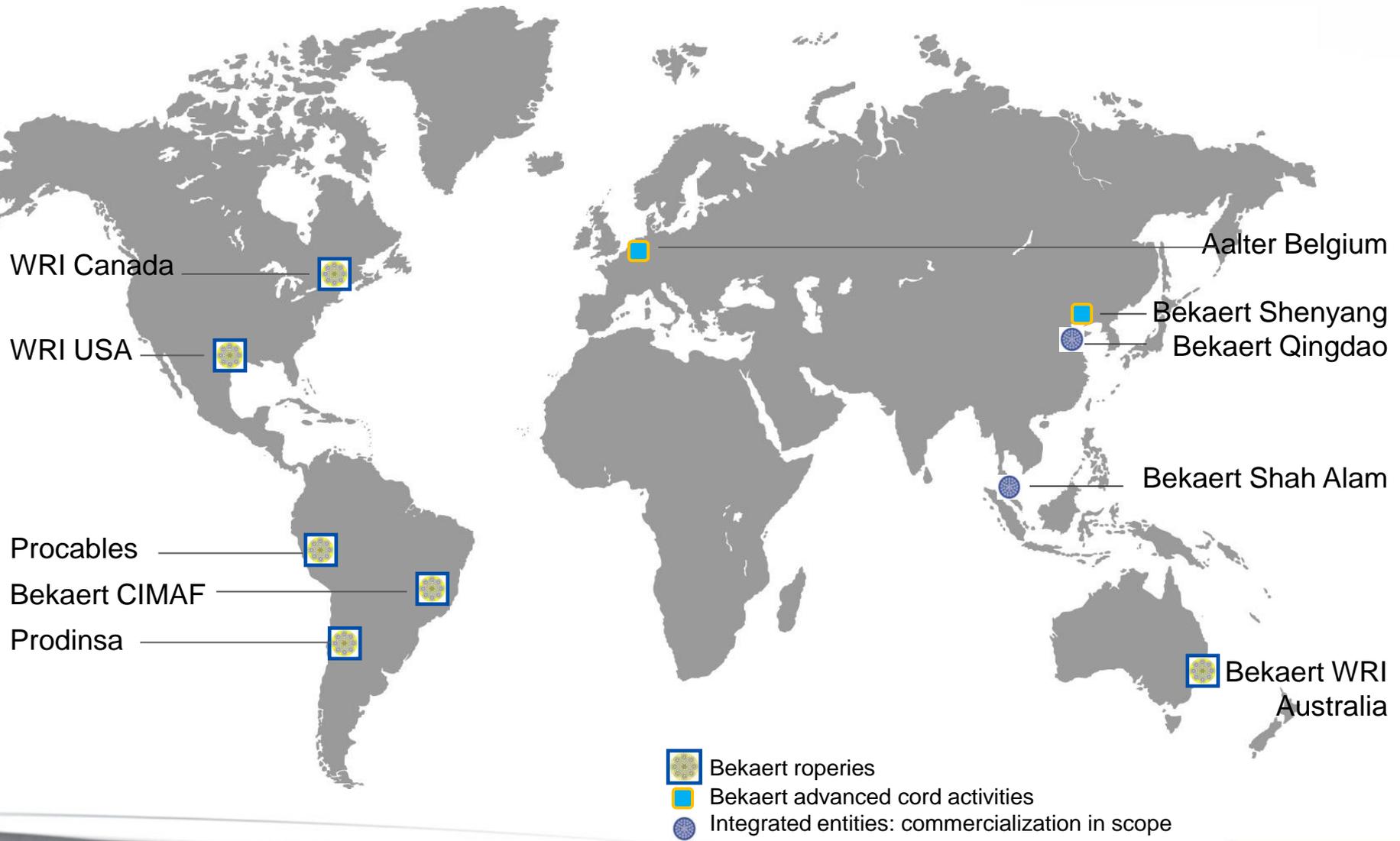
- Wire Rope Industries Canada – US – Australia
- Bekaert Cimaf in Brazil
- Prodinsa in Chile
- Procables in Peru
- Bekaert advanced cords activities in Aalter (Belgium) and Shenyang (China)

While Qingdao (China) and Shah Alam (Malaysia) will remain Bekaert plants (with ropes production being part of their activities), the commercialization of the ropes manufactured by these plants will be integrated in the new group.

Excluded:

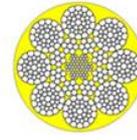
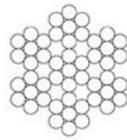
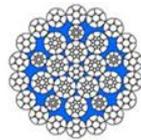
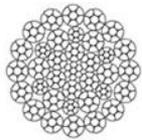
- production and commercial activities of rope wire
- the ropes platform activities in Hlohovec (sawing cord, Fleximat®, belt cord)
- the ropes activities in Venezuela

# Bekaert entities and commercialization activities within scope



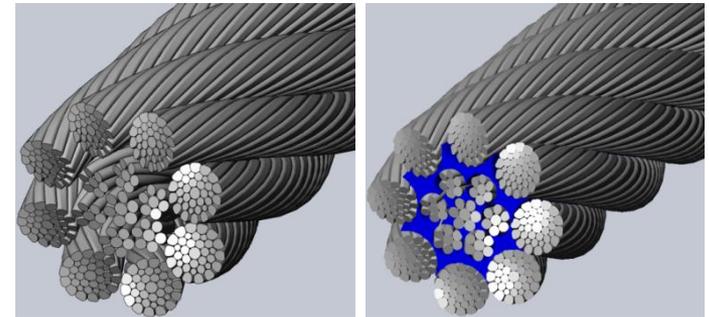
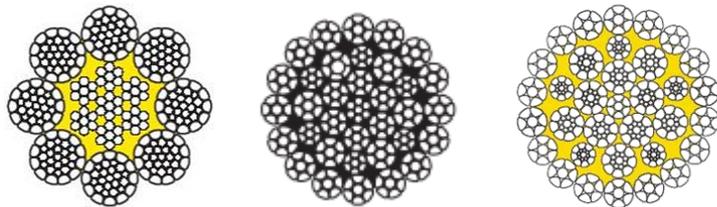
Bekaert offers a wide range of ropes for a variety of applications,

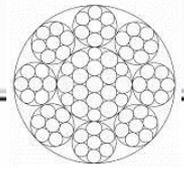
- Open pit mining and underground
- Structures
- Hoisting (port, steelmills, mineral unloaders and starting with offshore cranes)
- O&G (onshore and offshore)
- Elevators, cables, industrial fishing, forestry, ...



Backed by ropes expertise in the R&D centres in Belgium and China, our dedicated rope development centres in Canada and Latin America, and the research partnerships with universities and business partners globally, we constantly add new ropes types to our portfolio:

- High performance ropes
- Hybrid ropes
- Compact ropes
- Plastic-enhanced dragline ropes





## Automotive applications:

- Window elevator cable
- Heating cord



## Hoisting applications:

- Flexisteel® elevator rope
- Steel cord for elevator belts



## Timing belt reinforcement:

- Industrial handling systems
- Automatic storage equipment
- Automatic gates and garage doors
- ATM bank note and other dispensers



## “Showing the ropes” ..



- Bekaert's global ropes platform has 50 years of ropes manufacturing history
- 6 roperies (Canada, USA, Peru, Chile, Brazil, Australia)  
2 advanced cords plants (Belgium, China)  
commercial activities for the ropes part of  
2 integrated wire plants (China, Malaysia)
- A team of 1250 people
- 100KT ropery capacity
- 40% mining – 15% O&G – 15% other  
heavy duty - 30% other
- Constantly investing and growing
- Clear ambition to become a global rope solution provider

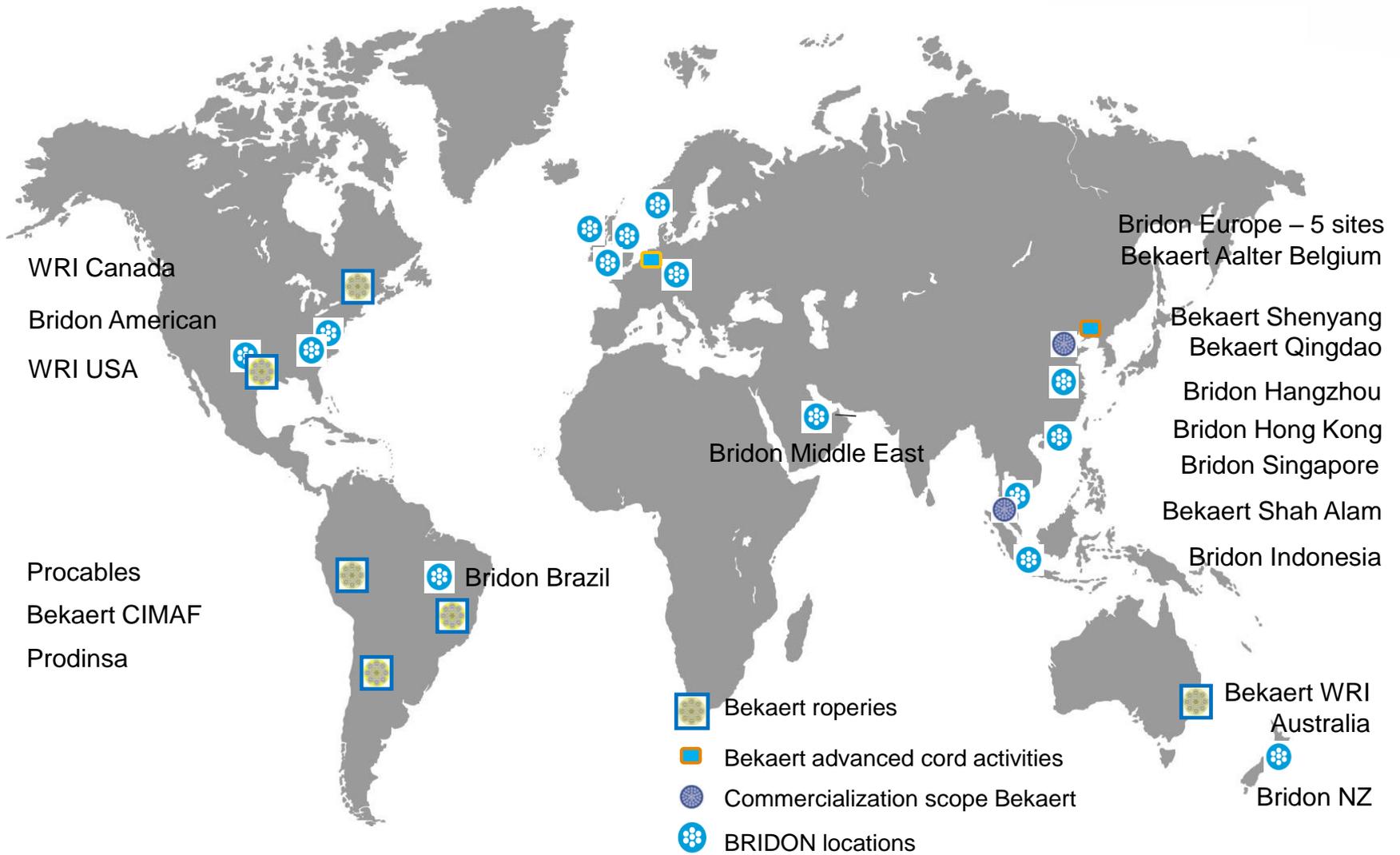


## Bridon-Bekaert Ropes Group

A merger to create global technology leadership, delivering enhanced value for all stakeholders



# Bridon – Bekaert combined ropes group



# Transaction Impact on Bekaert Consolidated Statements

## Income Statement

- Incremental annualized sales of US\$ 355 mln (normalized – expected by 2018) - new group: total normalized sales of around US\$650m (target 2018)
- Potential cost savings expected to be realized within 3 years of completion
- Earnings enhancing from 2017

## Balance Sheet

- Creation of JV with OTPP is a cash-neutral transaction
- Acquisition of MatCo Cables' stake in Bekaert Ropes Group is reflected in Bekaert's 2015 net debt
- New debt raised in JV at completion in 2016 will be ring-fenced – non-recourse to Bekaert
- Transaction is expected to add €285m in net debt in 2016

# Combined financials (at current FX)

	OTTP		
	Bridon	Bekaert	BBRG
Net sales (mio EUR)	315 (normalized)	265	580
REBIT (mio EUR)	Slightly lower than 7% (Oil&Gas impact)	Slightly higher than 7%	In line with 7% Medium term higher
Net debt (mio EUR)	285	35	320
Preferred instrument (1) (mio EUR)		90	
Shareholding	1/3	2/3	

- Financials calculated at USD/EUR of 1.12
- Ranges in revenues depending of growth of Oil & Gas and Mining
- Pro forma statements: as per definitions of different parties
- (1) Dividend to be paid by Bridon-Bekaert Ropes Group to Bekaert

- Regulatory filings in key jurisdictions (EU, the US, Brazil, (China), South Korea, Australia and Chile) 
- Carve out of relevant Bekaert assets in the first half of 2016 
- Standard closing conditions
- Estimated time of completing the transaction: first half of 2016

# Bekaert Slatina plant

Federico Cianciosi

7 June 2016

# Bekaert Slatina plant



# Short History

Before starting the construction  
September 2004



15 April 2005



First brick was laid  
on 30 October 2004



Start of expansion program  
semi-finished products - October 2011



The start of the BEKAERT integration  
on 18 December 2014



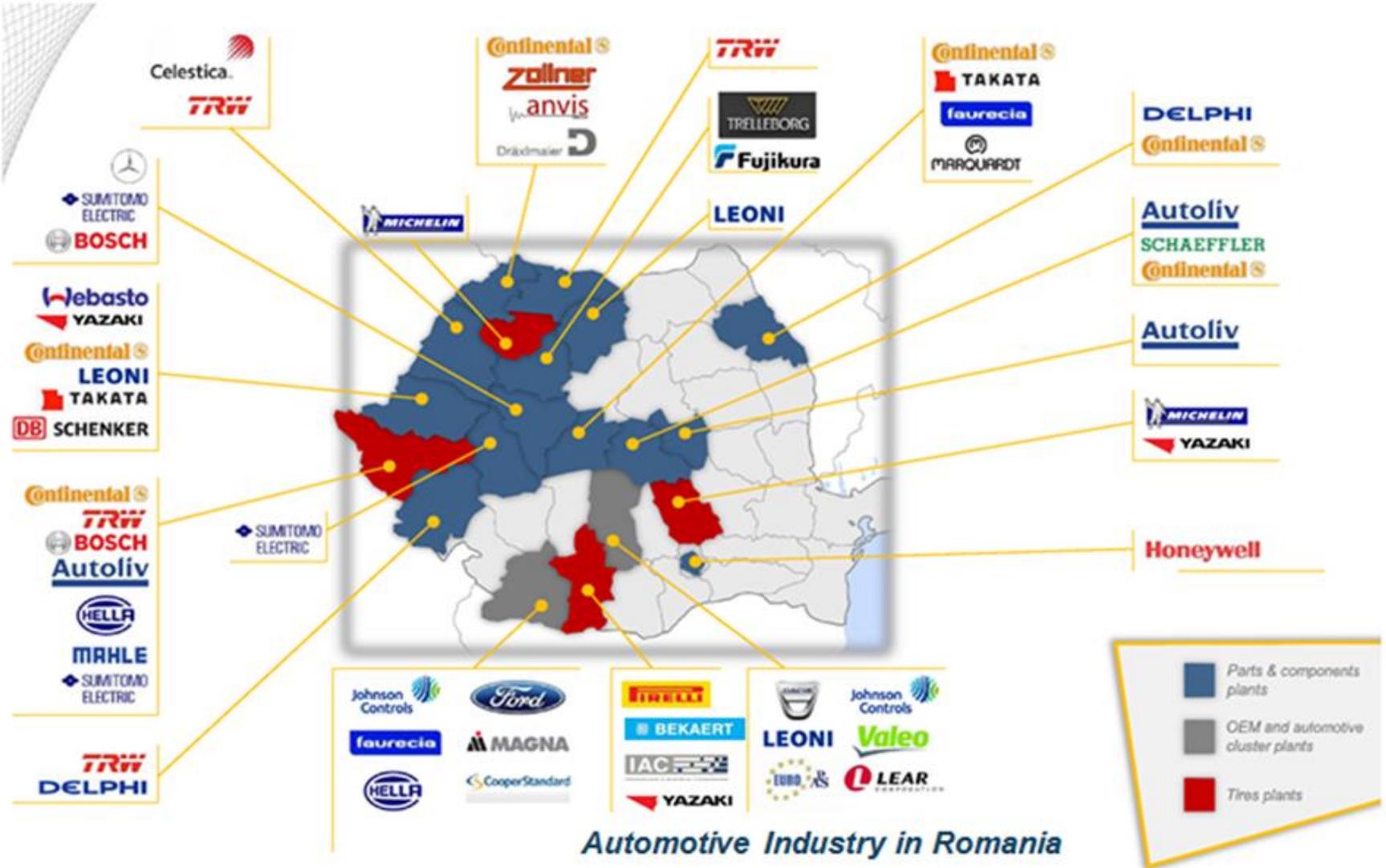
First spool was produced on 10 March 2005  
2+1X0.28



The inauguration of the semi-finished  
products plant on 13 March 2013



# Automotive Industry in Romania



Automotive Industry in Romania

# Romania at a glance

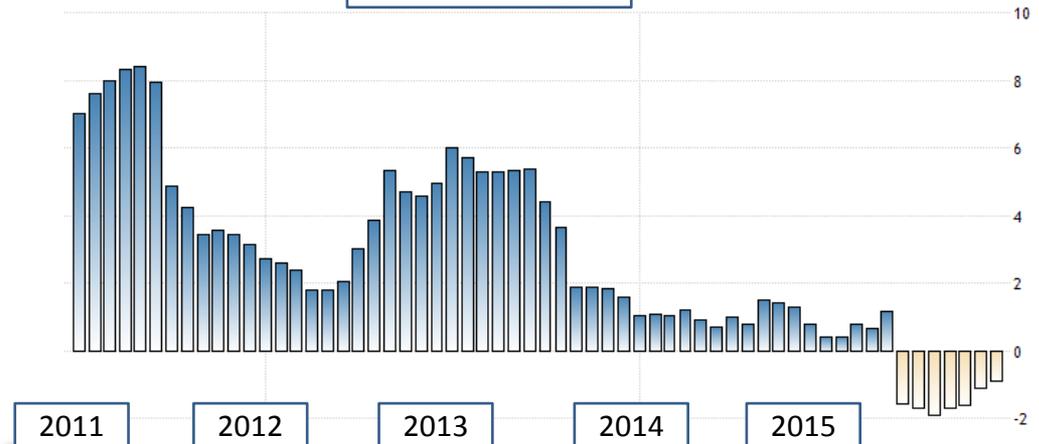
In the European Union, Romania ranks 9<sup>th</sup> largest in terms of land and 7<sup>th</sup> largest by population.

## COUNTRY FACTS (2015)

- > **Population:** ~ 20 million
- > **Surface:** 238 391 sq Km
- > **Nominal GDP** 158.8 €bn
- > **GDP/capita:** 7 985 €
- > **Real GDP grow:** +3 % yoy
- > **Inflation rate:** -0.59% yoy eop
- > **Unemployment rate:** 6.6% yoy eop
- > **Currency** Romanian Leu (RON)
- > **Time zone** GMT+2
- > **Religion** Orthodox (85.9%)
- > **National Day** December 1<sup>st</sup>
- > **Member of the UN, of NATO, and as of January 1<sup>st</sup>, 2007, a full member of the European Union**



Inflation rate (%)



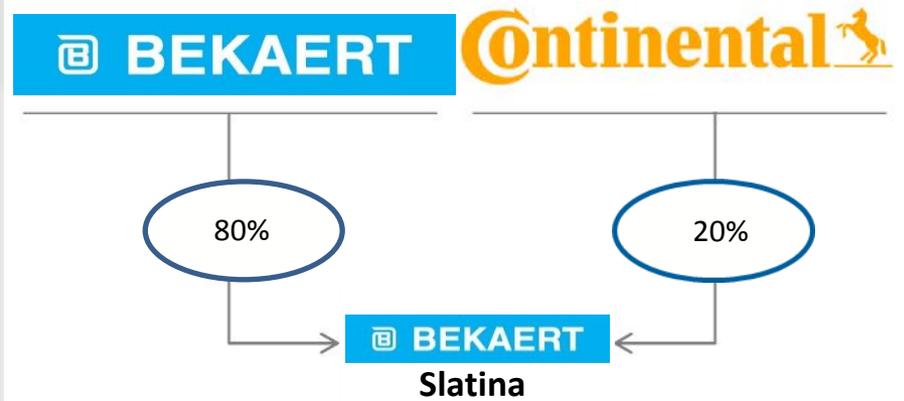
Source: Raiffeisen RESEARCH - 2015

Source: Eurostat, European Commission, Raiffeisen RESEARCH

# Presence in Romania



## Shareholders structure



# Slatina Industrial Park



# Bekaert Slatina - Overview

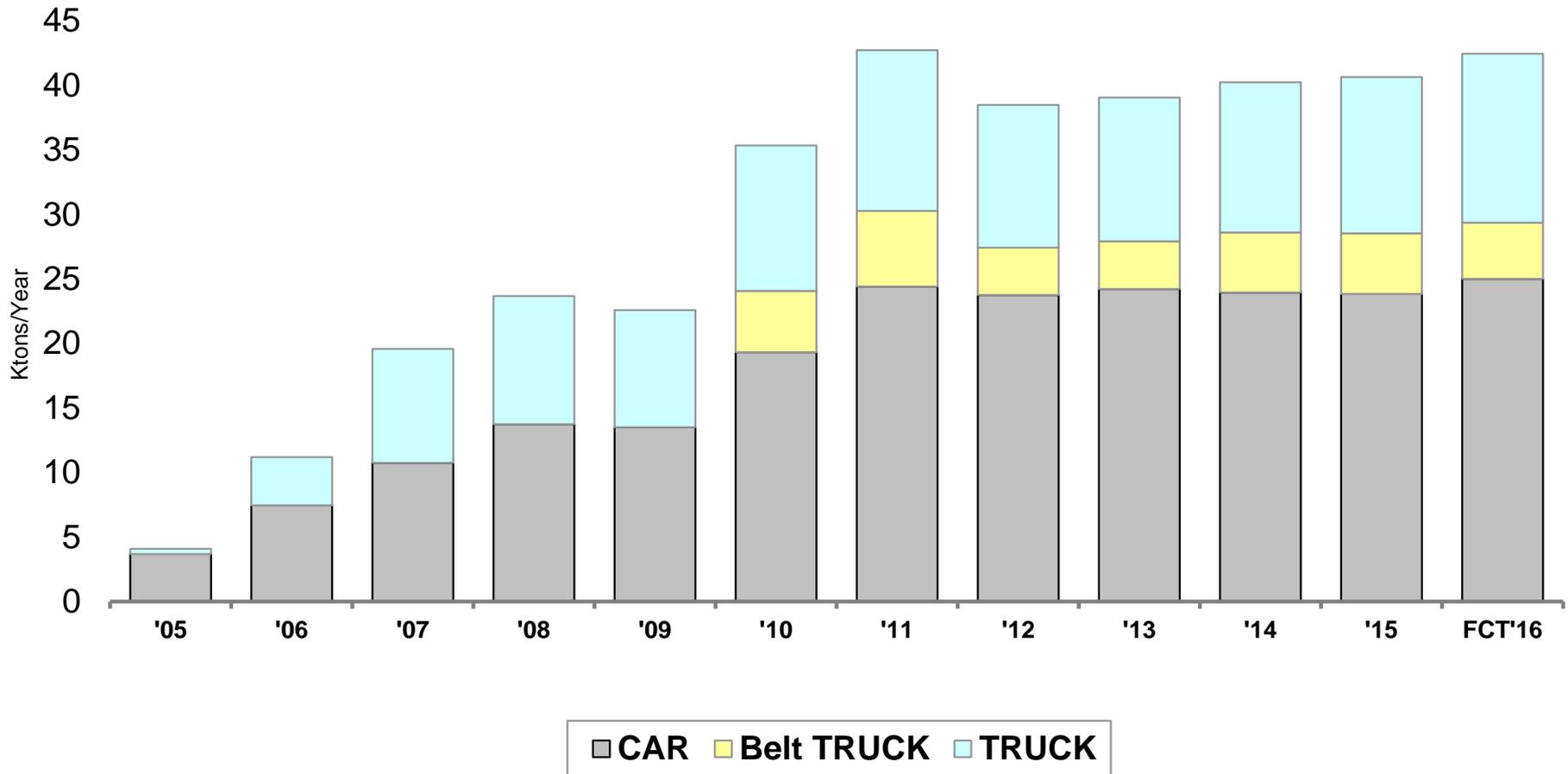
## Highlights

---

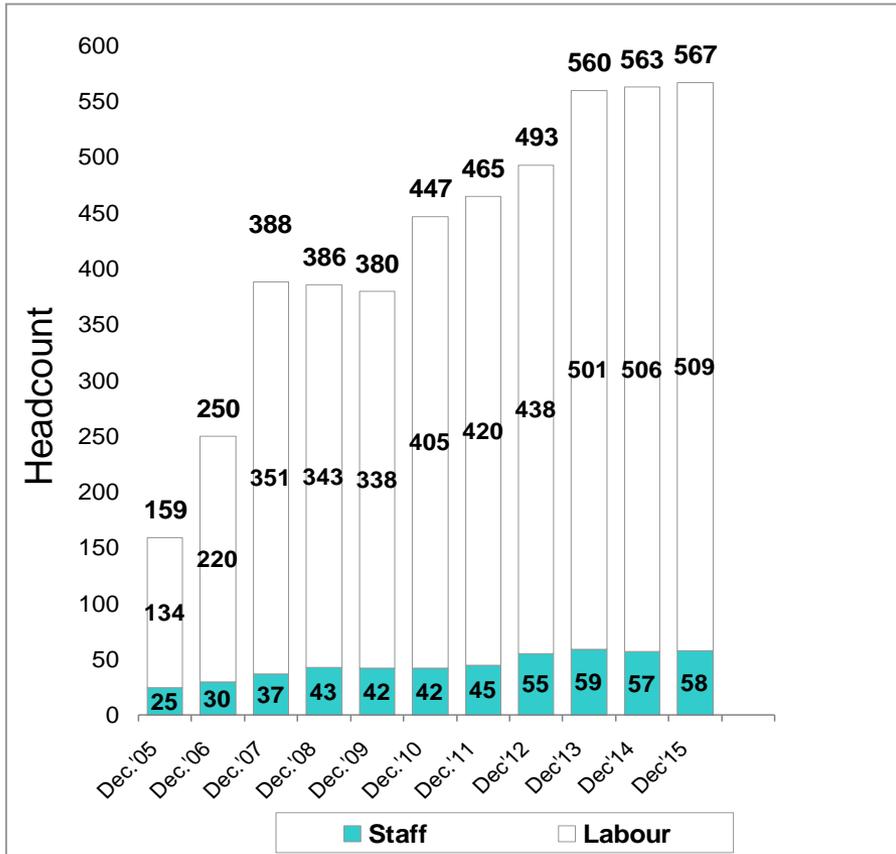
- Founded in 2005 as a JV with Continental
- Area: 115 227 sqm, of which 54 592 sqm covered; 4 896 sqm warehouse
- Working Days: All Production Area 7 days / week
- ISO certifications: 9001, 14001, 18001
- Products: Brassing wire, steel cord (passenger + truck), hose wire
- The largest ex-Pirelli steel cord plant with the highest capacity for passenger steel cord
- Possibility to expand plant
- The factory layout has been designed to optimize the material flow
- Benchmark with other plants for 5S application
- **We worked 923 days without accidents** (from November 2011 to May 2014) and since October 2014 till today: 1 accident.



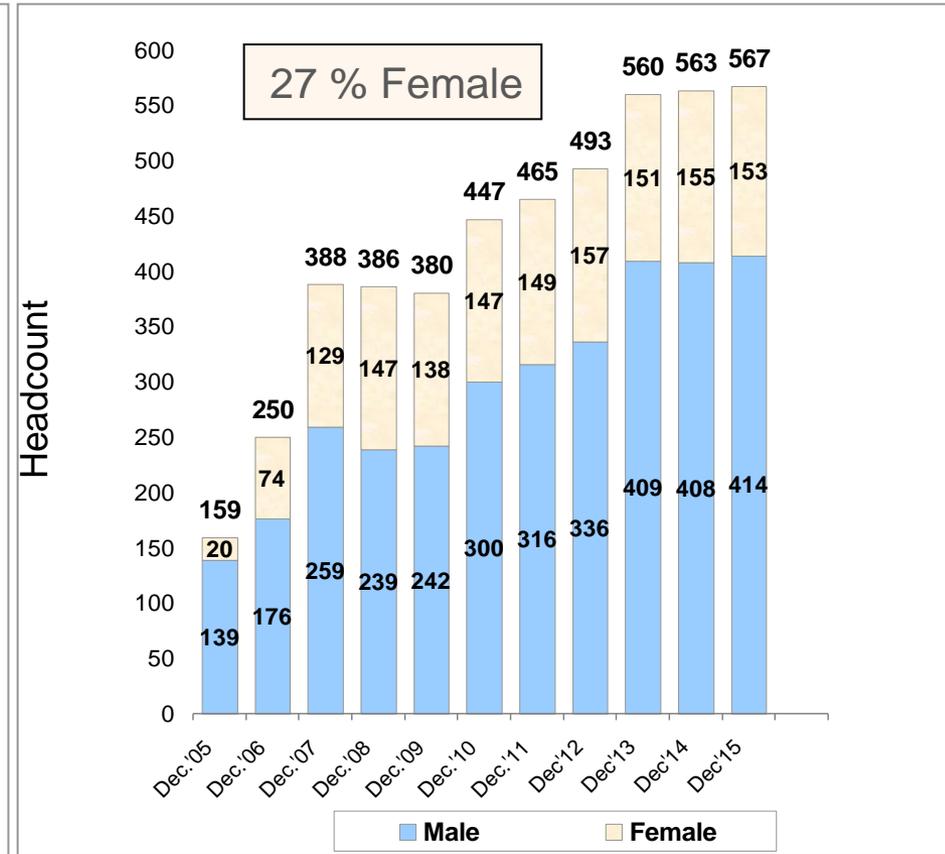
# Production Trend Volume (ktons) 2005-2016



## Labor and Staff



## Equal Opportunities

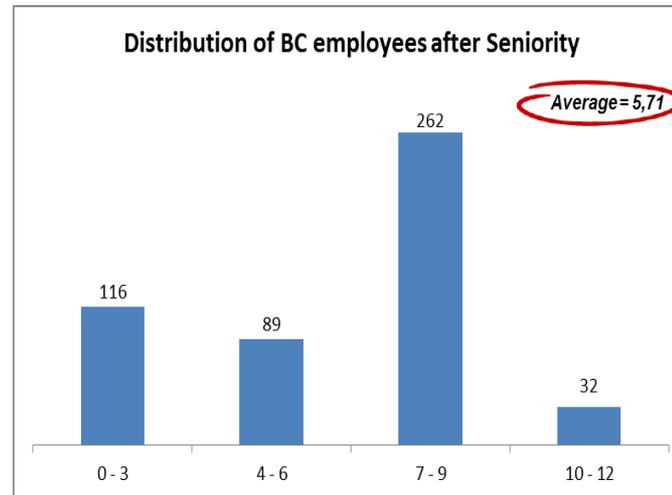
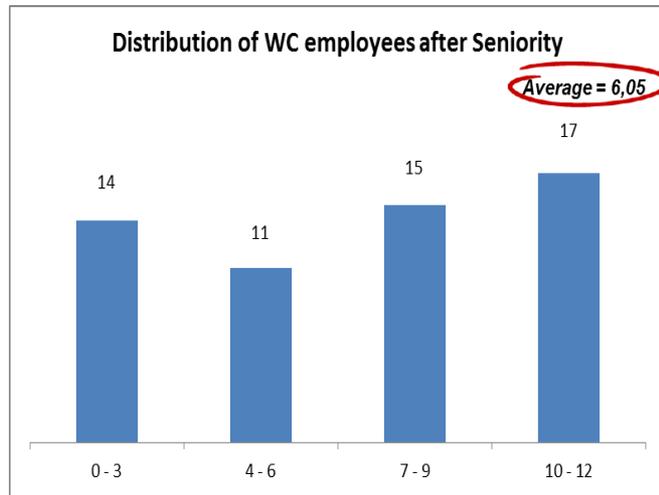
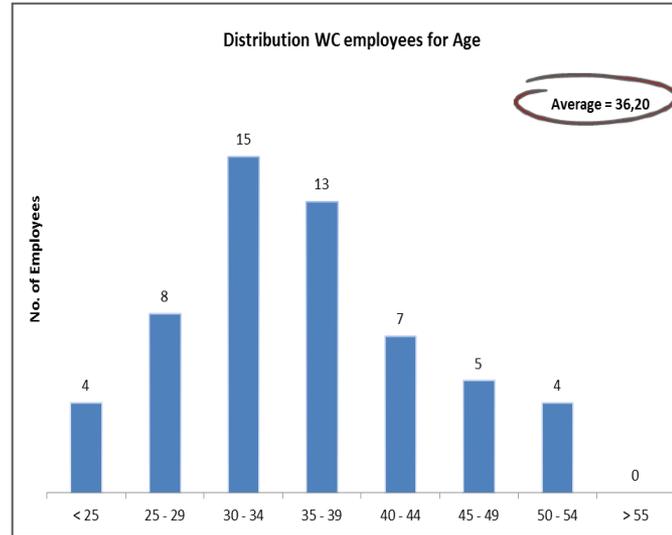
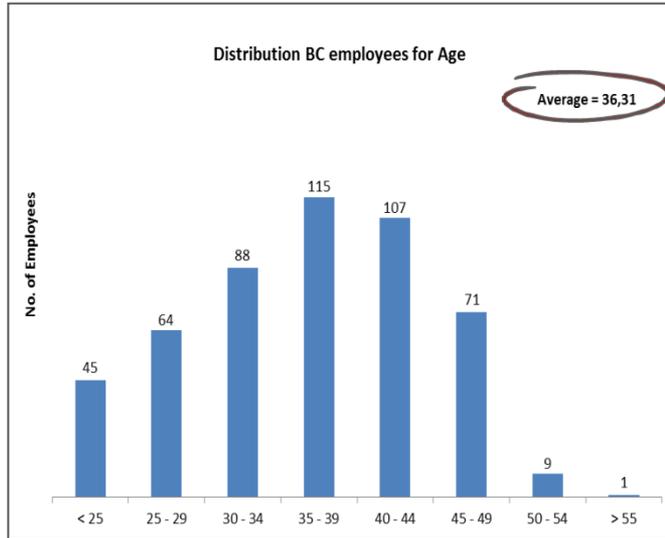


Turnover 2015:

BC: 3.96 %

WC: 8.62 %

# Employees Breakdown by Seniority



# BKSR Planning & communication

To streamline our work activity, detect root cause-problems, find the appropriate solutions, implement action plans, etc., we have a roadmap in place to reach everybody involved:

Staff Meetings:

*Daily Production Meeting*

When: Mon-Fri at 09:30 a.m. - 30 minutes

Industrial Meeting:

When: 2 times per week at 11:00 a.m. - 60 minutes

Participants: GM & all departments managers

Manpower Meetings:

*Monthly Meetings with all operators* - 30 minutes

Focus areas:

- *Safety*
- *External Quality*
- *Internal Quality*
- *Volume achieved and future needs / targets*
- *Open discussions with Operators: Improvement Suggestions*



# BKSR Safety & continuous improvement



TARGET:  
**ZERO** Accident



**5S**



## Safety - Always

- **1 Accident in 2016**  
(after **923 days without accidents** (from November 2011 to May 2014)).
- **Yellow Card system** implemented in December 2015 & expanded to all production areas (YTD no. 40)

## Continuous Improvement

- **5S Extension**
- **15 groups**
- In every week we make a 5S audit, three times per year for each group
- 541 people involve in 5S activities, 97% from total employs
- 55 actions from A3 projects
- 85 actions from Continuous Improvement groups
- 580 actions from Kaizen Activities

## Safety Week

- Meetings & trainings with all the operators & staff
- Workshops with the supplier of PPE

# BSR Team Activities

08/03/16: Woman Day



01/06/15 Children Day



01/05 – 30/06/15: Football League



5 Teams - 80 persons - 13 matches

26/09/15 "On Green Wheels"





 **BEKAERT**

better together