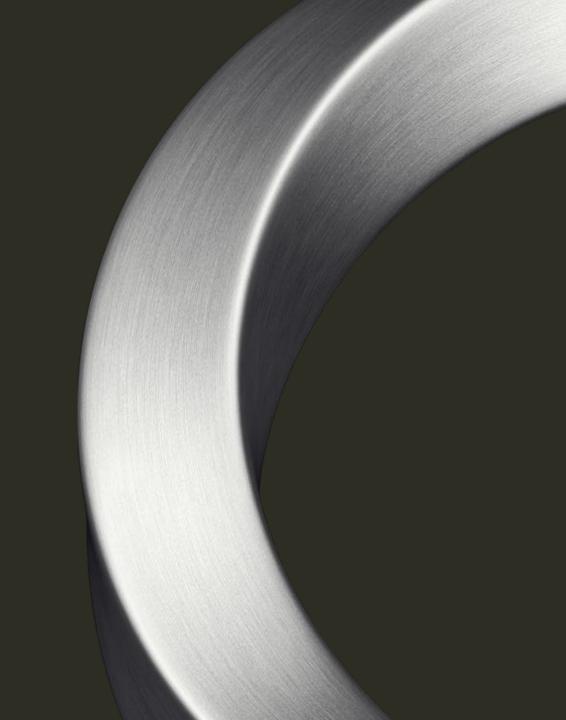
Tangible growth potential in Europe

Maciej Gwozdz – President, BA Europe June 13, 2018





Tangible growth potential in Europe

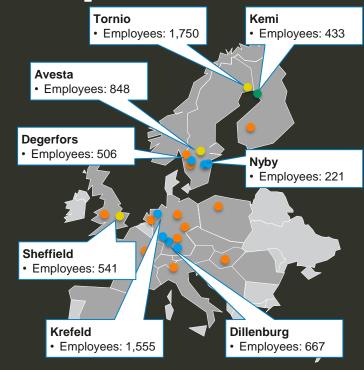
We have visible achievements from restructuring and efficiency improvements

We have become the best value creator in stainless steel in Europe We are ready to leverage our capabilities to meet further growth opportunities



We are market leader in Europe

- No. 1 in Europe with ~30% market share
- One integrated system with mills in Finland and Sweden feeding rest of the mills in Europe
- Sales and service center network in Europe, Middle-East, Africa and Asia-Pacific



| Production capacity 1,000 tonnes | Tornio | Avesta + Nyby | Krefeld + Dillenburg | Degerfors |
|--|------------|------------------|-------------------------|-----------|
| Melting | 1,450 | 450 | | |
| Hot rolling | 1,450 | 900 | | |
| Finishing – Cold rolling – HWB – Quarto plate | 750 150 | 130 120 | 500 | 150 |



Integrated ferrochrome operations bring significant strategic advantages

Our ferrochrome operations rank in top 10 among major ferrochrome smelters

Production costs, USD/lb

Outokumpu

Profitability value from integrated mine and smelting operations

One of the most cost competitive ferrochrome producers globally

Strategic advantage and significant cost benefit for the company



Completed restructuring creates solid basis for Europe...

We have kept stable market share despite the closure of Benrath mill in 2016

Ferritics
optimization
investment in Krefeld
was completed
successfully

Delivery
performance of our
German mills has
increased from
~70% to >90%

We have realized >EUR 50 million SG&A cost savings

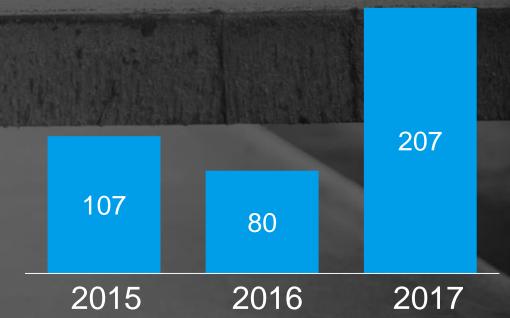


...and has led to tangible earnings growth



BA Ferrochrome Adjusted EBITDA, EUR million







Best value creator for our customers Industry leader in customer satisfaction



Our path to future growth

Markets

Strong market position secured through higher efficiency and debottlenecking

Operations

Global production standards in all mills & efficient inventory management

Innovation

Clear R&D focus on solutions and process technologies

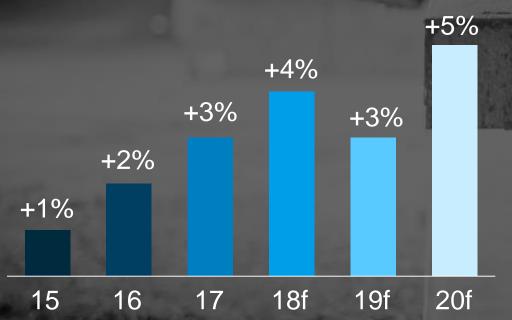
Digitalization

Unified tools and processes through digital transformation



Strong market position secured through higher efficiency and debottlenecking

Solid demand growth* expected in Europe in mid-term



We are aiming for annual productivity improvement of

3%



SMR, April 2018

Productivity improvement driven by a step-change in reliability

Safety incidents are preventable. Same applies to breakdowns.



Ensure realization of inherent safety and reliability of the equipment



Bring safety and reliability to their optimal levels



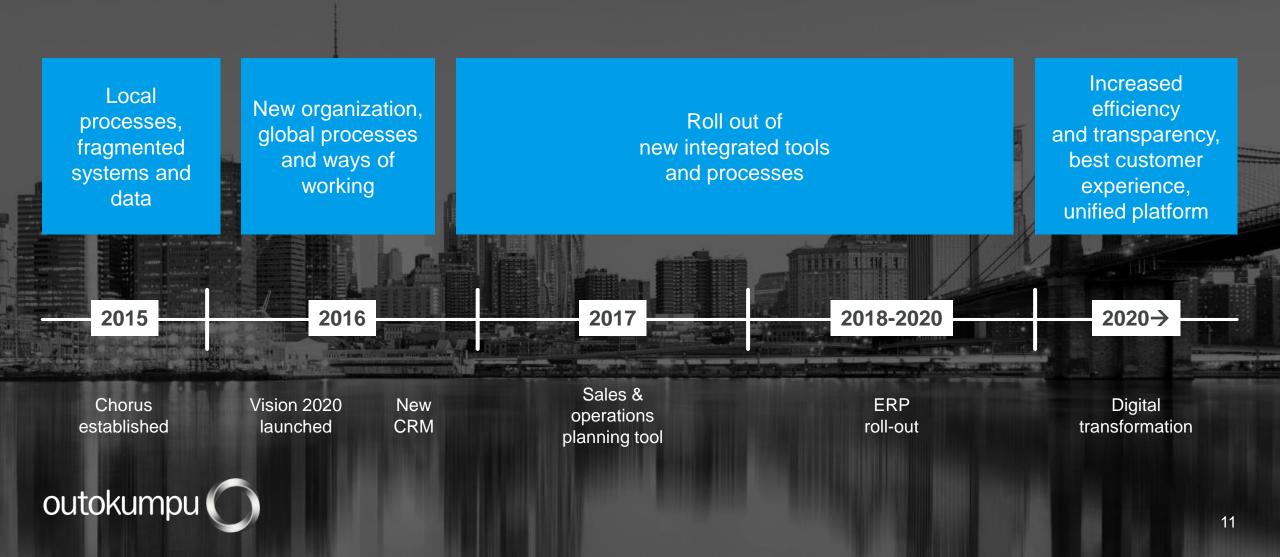
Identify systems and components with weak reliability, and improve them



Accomplish these goals at a minimum total cost



We are harmonizing our business and culture through project Chorus



Tangible growth potential in Europe

We have visible achievements from restructuring and efficiency improvements

We have become the best value creator in stainless steel in Europe We are ready to leverage our capabilities to meet further growth opportunities