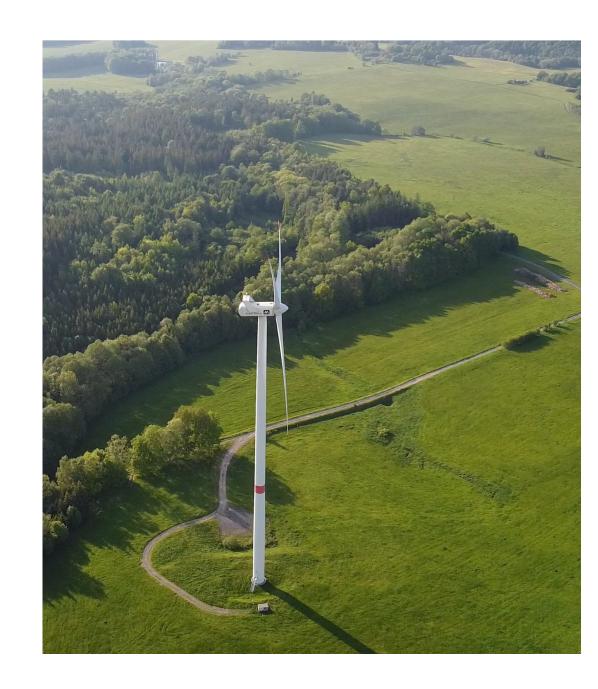


Capital Markets Day

Stefan Widing President and CEO

Global trends in our favor

- Growing middle-class and rapid urbanization
- Green transition towards electrification
- Demand for increased productivity, efficiency and sustainability through new technology, digitalization and automation



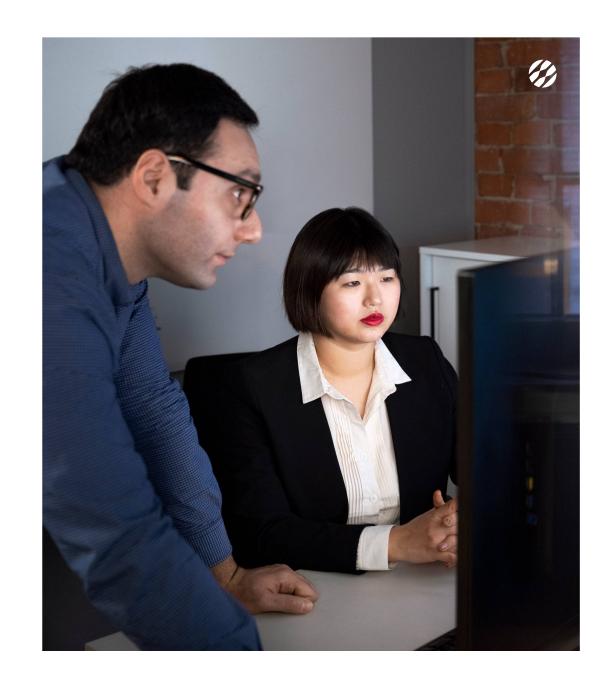


Value creating strategy for all stakeholders



Strong platform

- World leading positions and brands
- Winning culture
- Innovation at core
- Leading digital and software platform
- Sustainability embedded in business model
- Financial strength and resilience

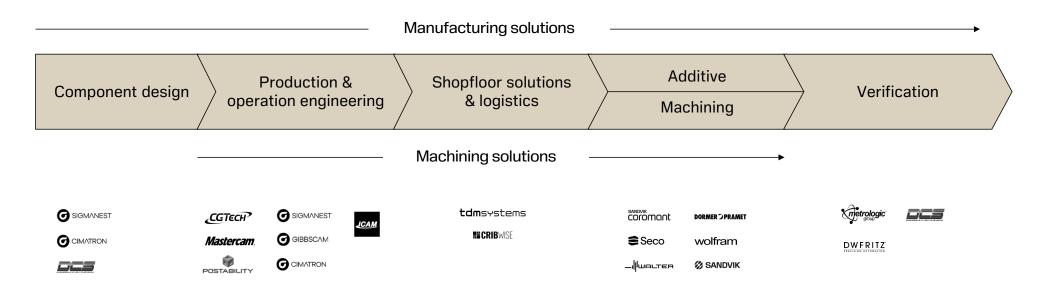




Well positioned to capture growth opportunities

Leading positions throughout customers' value chain

- World leading in for example CAM software, cutting tools and additive manufacturing powder
- Towards end-to-end optimization and automation
- Agnostic offerings enabling further growth
- Manufacturing of the future is digitalized and automated, from design to finished product

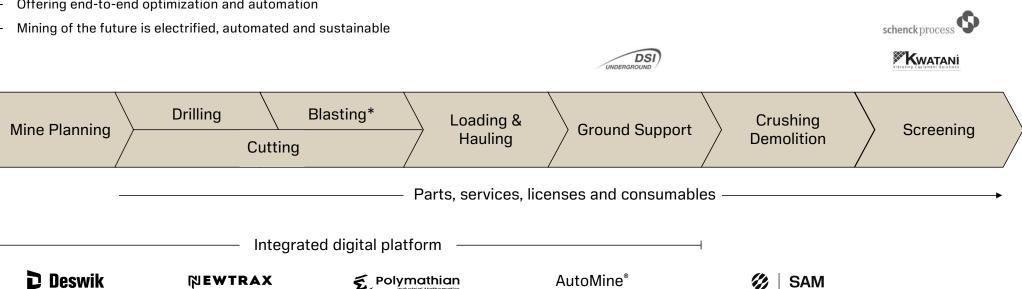




Well positioned to capture growth opportunities

Leading positions throughout customers' value chain

- World leading in for example mine planning software, underground mining equipment and automation
- Leading technology in rock processing to reduce energy and water consumption
- Offering end-to-end optimization and automation



^{*} Blasting optimization



Strong growth

Total ex. currency (CAGR since 2019)

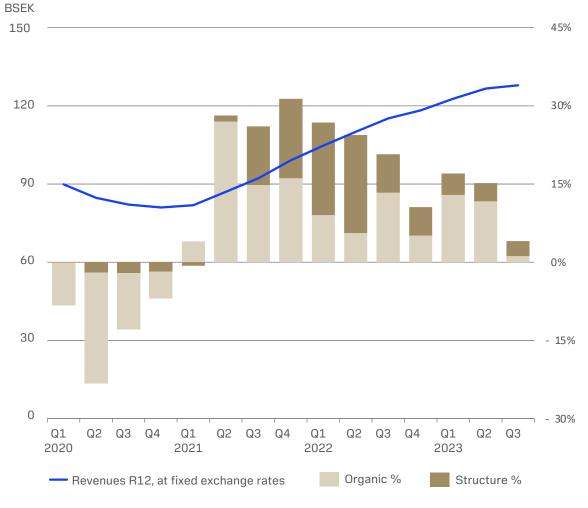
Organic (CAGR since 2019)

+9%

+5%



- 11 consecutive quarters of organic growth
- Added SEK 19 billion through strategic acquisitions
- Solid organic growth from acquisitions

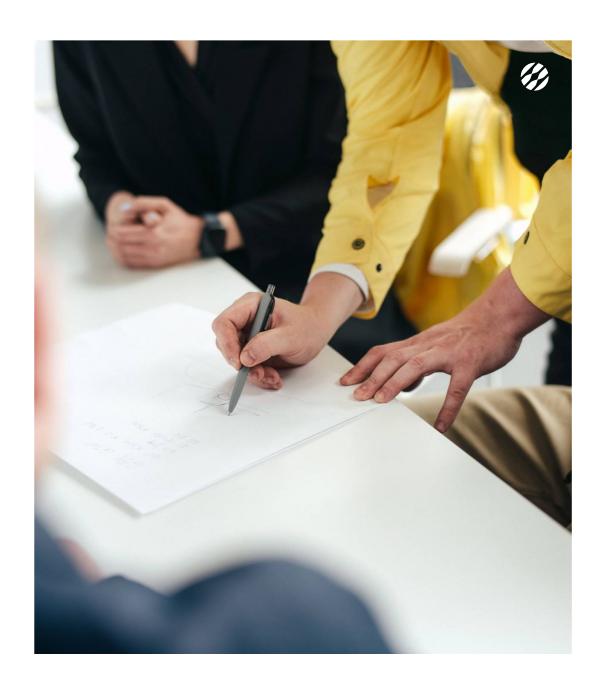


Innovation at core

New Sales Ratio*:

25%

- Maintain leadership positions
- Support organic growth
- Value based pricing on productivity and sustainability improvements



^{*} Revenue from products younger than 5 years



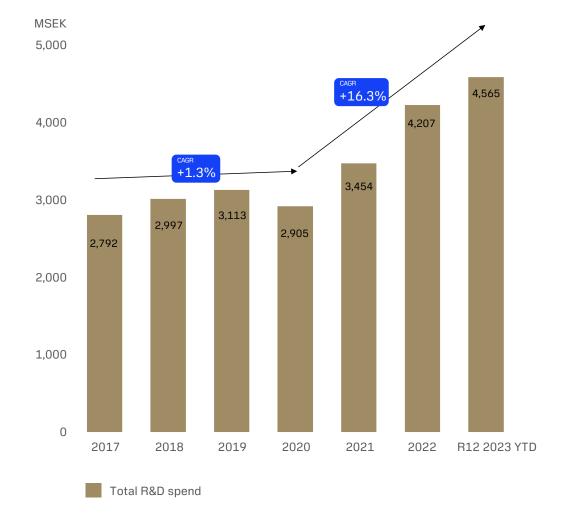
Making the shift in R&D supports innovation

New Sales Ratio*:

25%



- Support organic growth
- Value based pricing on productivity and sustainability improvements



* Revenue from products younger than 5 years

14

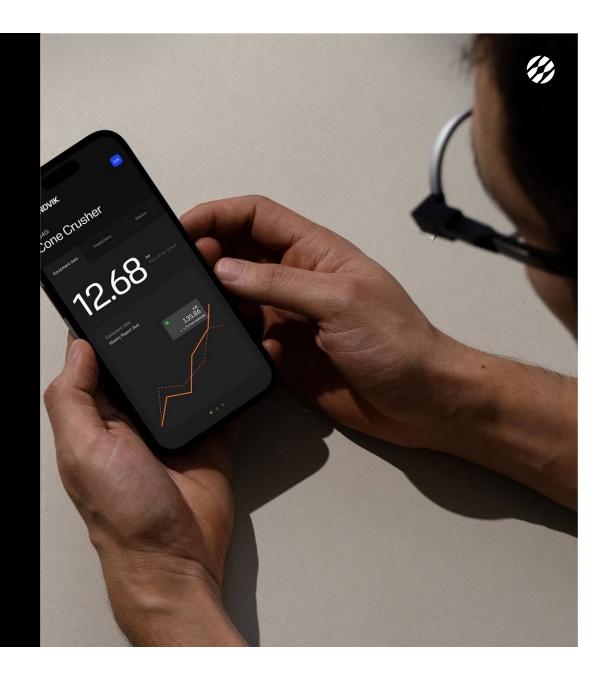
Leading in digital

Digital offering (SEK)

On track towards 2025 target of (SEK)

4.8 bn 6.5 bn

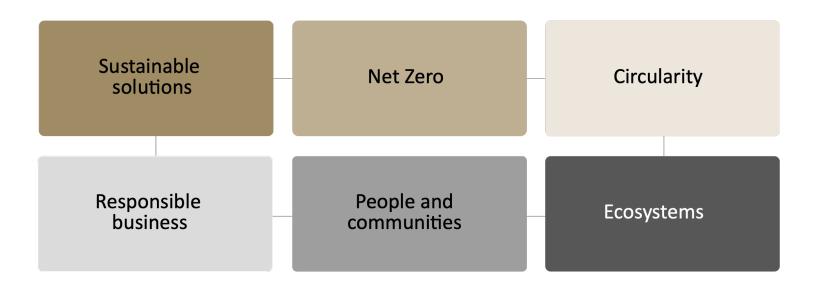
- Manufacturing: leader with over 400,000 installed seats
- Underground mine automation: clear leader with over 50% market share
- Mine planning software: clear leader with more than 600 sites connected





Sustainable business

- Approved science-based targets for net-zero 2050
- 90% greenhouse gas reduction by 2040 (scope 1 and 2)
- 90% waste circularity by 2030





Sustainable solutions

Leader in electric, automated mining equipment



Over 50% recycled material in cutting tools

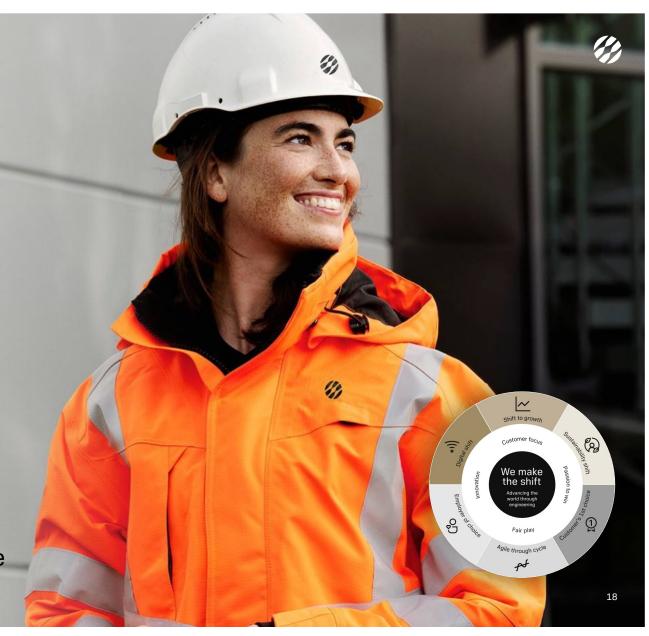


Leading technology reduce energy and water consumption in rock processing



Solid execution on strategy

- Strong growth organically and through acquisitions
- Leading in digital and making the sustainability shift
- Increased software, services and consumables
- Strong margin with proven resilience







Capital Markets Day Group financials

Cecilia Felton



Financial targets

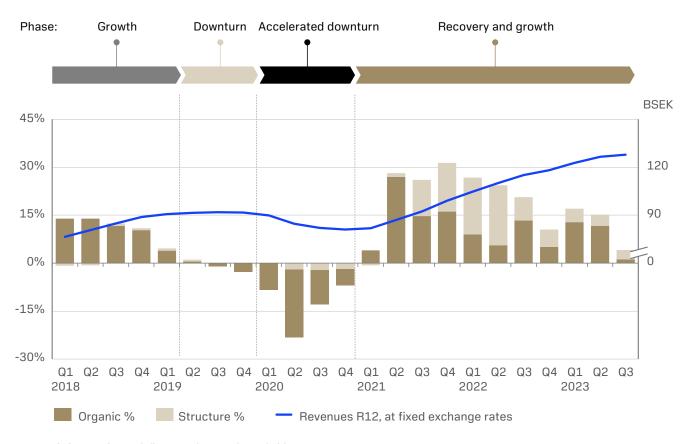
Adjusted
EBITA margin range

Through a business cycle





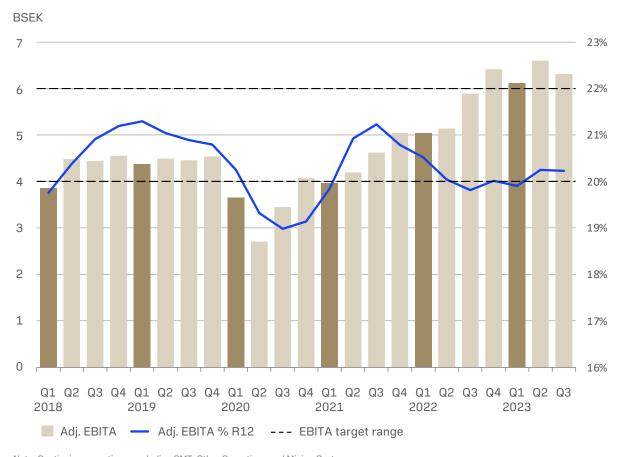
Executing on the shift to growth



- Accelerated start to Shift to Growth strategy launched in 2020
- Double-digit growth for nine consecutive quarters
- 24 acquisitions adding SEK 19 billion of annual revenue
- Total growth excl. currency 9% CAGR 2019 to Q3 2023
 - Organic 5%
 - Acquired growth 4%



Agile business model and strong EBITA margin

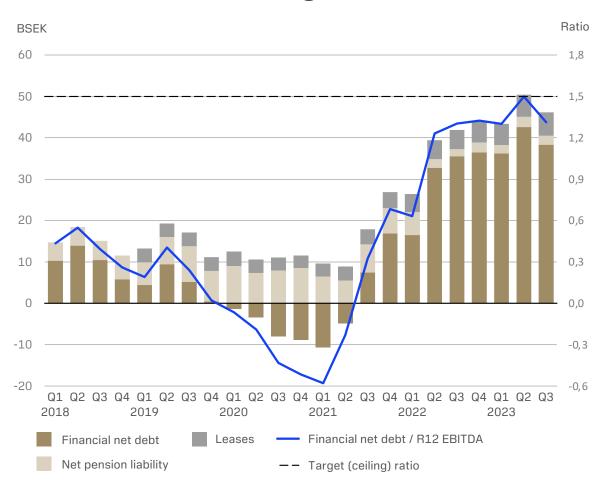


- More resilient topline
 - Higher share of aftermarket and software
 - Pricing power to mitigate inflation
- Higher share of variable costs
 - Outsourcing and third-party personnel
- Optimizing fixed costs structural savings program to generate SEK 785 million of run-rate savings
- Proven margin resilience during Covid-19 and Q3 2023
- 2022 and 2023 YTD within the target range of 20-22%

Note: Continuing operations, excluding SMT, Other Operations and Mining Systems



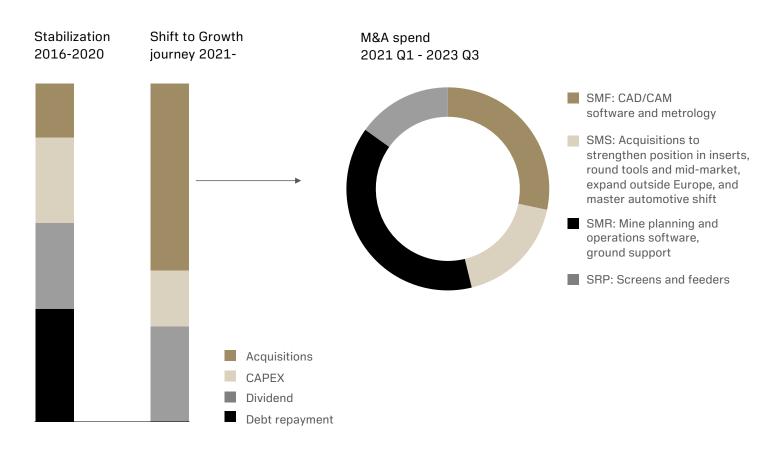
Balance sheet for growth



- Solid balance sheet for growth
- Financial net debt / R12 EBITDA at 1.3
- S&P credit rating: A- negative outlook.
 Plan to retain a strong investment grade rating
- Accelerated start to the shift to growth strategy
- Going forward our Shift Strategy will be financed by generated cash flow



Capital allocation supporting shift strategy



- Solid cash flow generation to support shift to growth strategy
- Capital allocation priorities:
 - Capex
 - Dividend
 - Debt target
 - M&A
 - Share buy-backs



Shareholders rewarded

Adj. EPS growth 2018-2022

20%

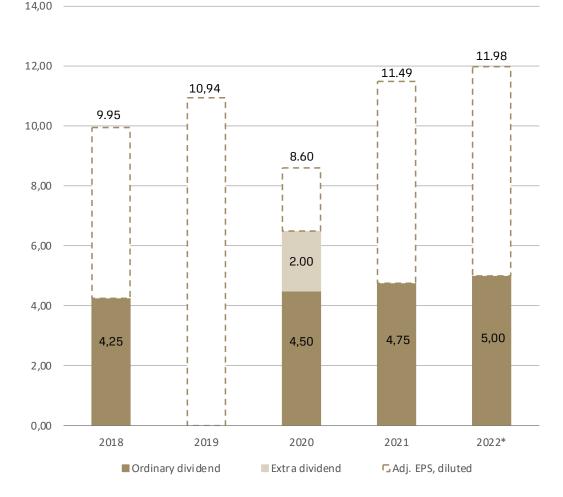
Average payout ratio

Target average payout ratio

Distributed to shareholders

39% 50% Alleima

SEK



^{*} Excluding the distribution of Alleima to shareholders



Delivering on our targets

Growth

9% (7%)

Revenue CAGR 2019-2023 Q3 R12, at fixed exchange rates

Adjusted EBITA margin range

20.2% (20-22%)

2023 Q3 R12

Financial net debt/EBITDA

1.3 (<1.5)

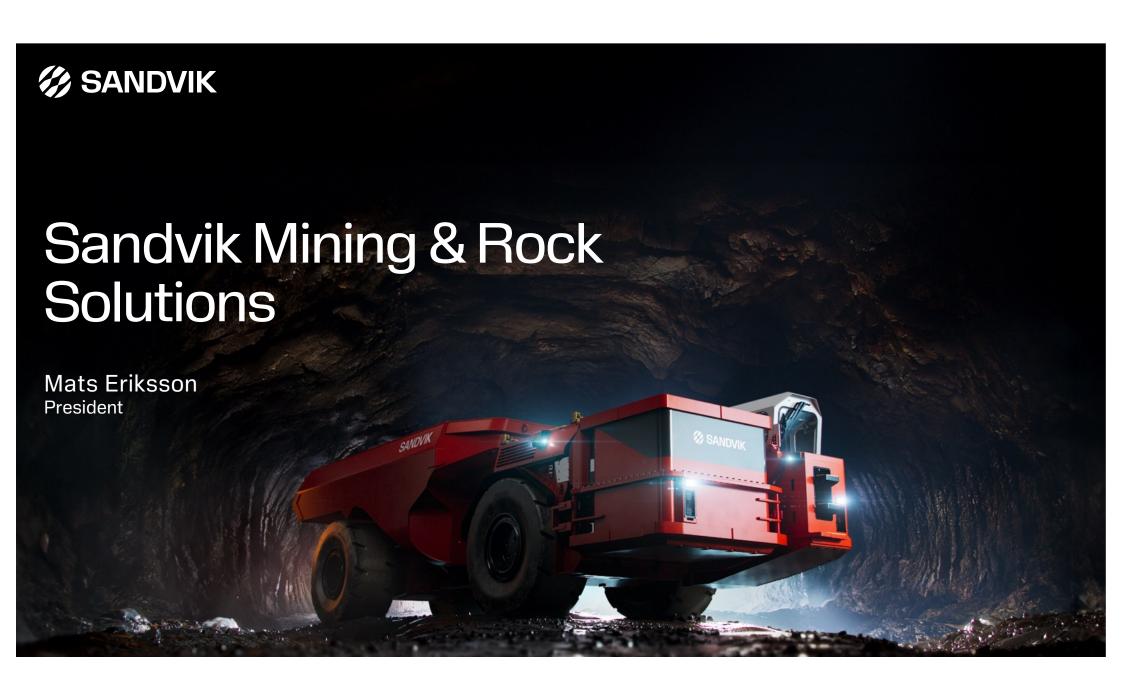
2023 Q3

Dividend payout ratio

39% (50%)

Average 2018-2022





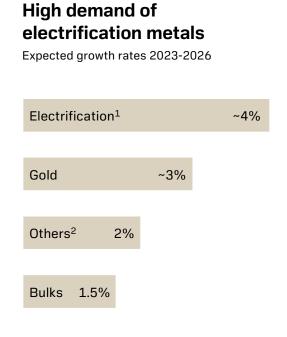


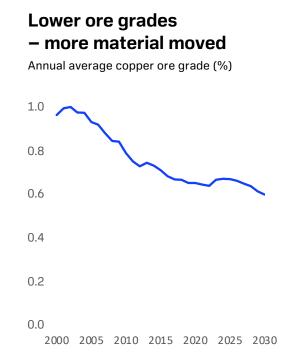
Healthy long-term fundamentals in mining

Growing global middle class Number of billions 3.7 2.5 1.7

2020

2010





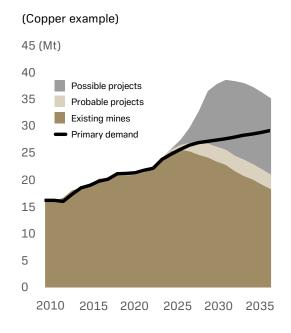
Source: PEW Research Center, United Nations, Brookings Institute, Wood Mackenzie, Fitch and Internal Analysis Note: 1. Electrification metals: Nickel, Copper, Zinc, Lithium, Cobalt, 2. Diamonds, other metals and minerals

2030



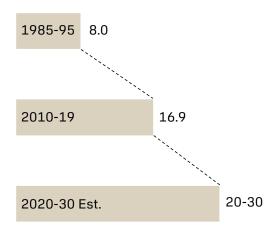
Upcoming supply gap increases focus on technologies to unlock future supply

Supply demand balance



Lead times continue to rise

(Copper example)
Total time from discovery to production, years



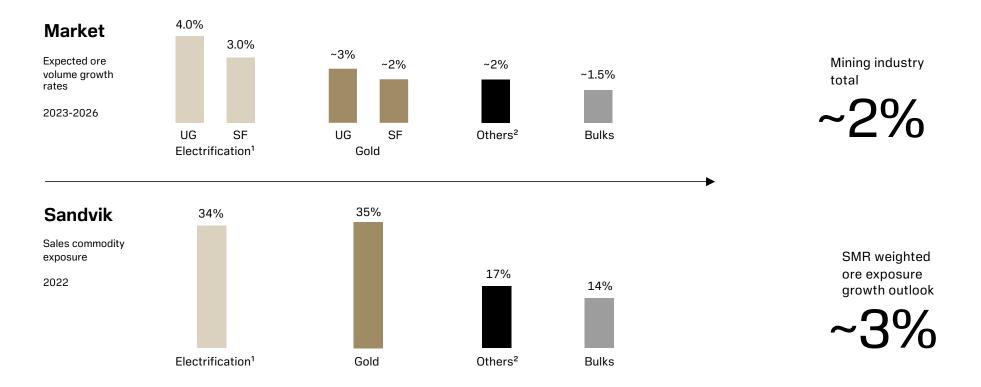
Technologies to unlock future supply

- Automation to operate efficient and safe in challenging environments
- Mine planning and operations management software to optimize operations
- BEVs (Battery Electric Vehicle) to enable faster ramp-up times and total load cycle time

Source: Wood Mackenzie, S&P Global and Internal Analysis

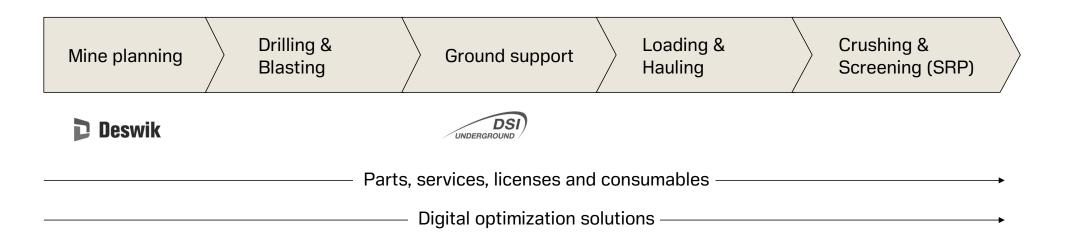


SMR is well positioned to capture the growth





Sandvik is the customer partner throughout the value chain







Enabler in the customer shifts

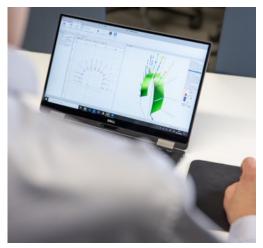
Electrification Automation Digitalization





Sandvik's unique BEV portfolio enabling customers shift – productivity and sustainability

Preparation



Solutions



Load and Haul BEVs

Underground Drilling BEVs

Batteries/BaaS

Support



Site readiness

Parts and services

Remote monitoring

Circularity



Battery down-cycling

2nd life applications

Battery recycling

Note: Including diesel-electric

Trans4mine®

Simulations

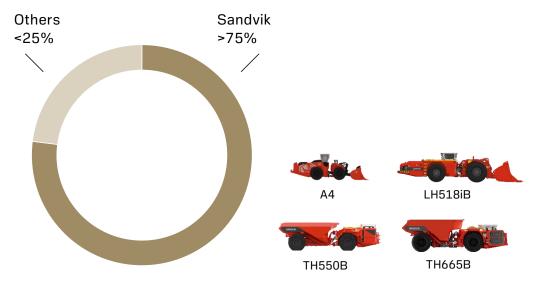
Case studies

(})

Sandvik winning the majority of BEV orders

Load and Haul BEV order intake

(Jan - Oct 2023)



Examples of success

World's largest BEV truck on customer site for test

>15%

BEV share of load and haul order intake YTD 2023

Source: Internal analysis

36

1

Investing in our BEV leadership

Widening our electrified offering

Batteryelectric





Dieselelectric



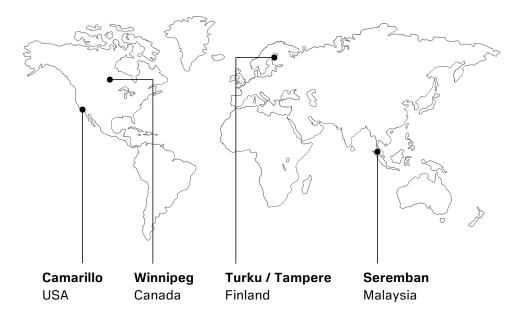
Batteries and chargers





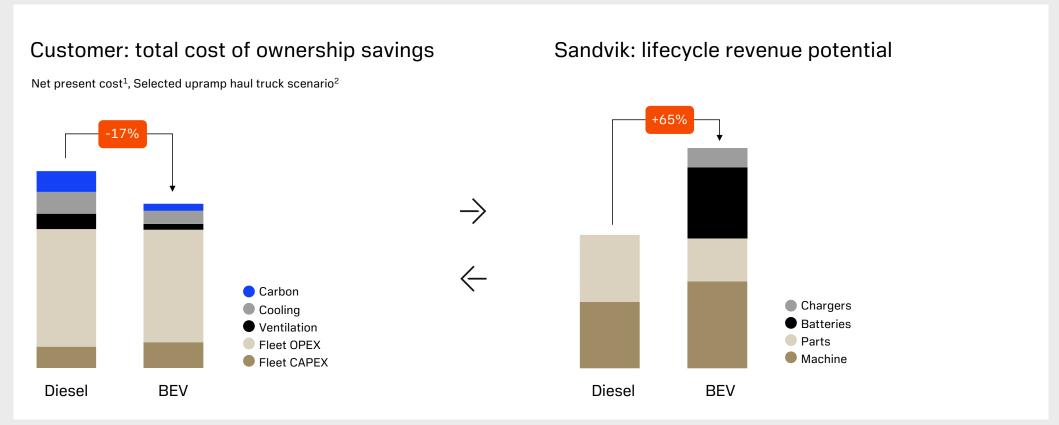


Expanding production capacity





BEV is a win-win proposition



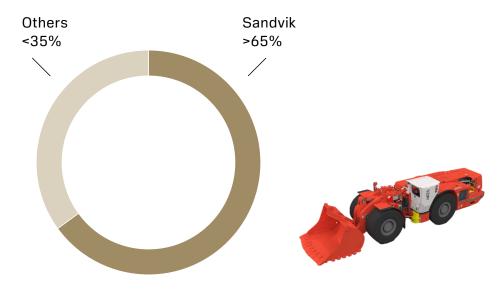
Source: Internal analysis

1) Based on BEV customer on BaaS 2) Large size truck, 5yrs, 27,000hrs

(})

Value creation through leading autonomous offering

Global installed fleet of autonomous / teleremote underground load and haul units



Source: GlobalData, (Global population of tele-remote/autonomous UG LOHA equipment), Internal Analysis

Our technology fosters long-term engagement with verified customer value

55% productivity increase New Gold, New Afton

>65%

more productivity

North American Palladium,
Lac des lles

30%

increase in effective production hours
Glencore, Kidd Operations

80-100%

of production via AutoMine Boliden, Garpenberg



Only provider of large-scale underground automation

AutoMine [®]	Fleet size	Deal size	Sandvik proven capability	Competition proven capability	received: Automation systems and equipment ¹ : (MSEK, R12)
Level 3 Large-scale Production systems	> 5 units	100-300 MSEK	✓	-	720
Level 2 Mid-scale Autonomous systems	3-5 units	20-40 MSEK	✓	-	525
Level 1 Tele remote automation	1-2 units	< 20 MSEK	✓	✓	355

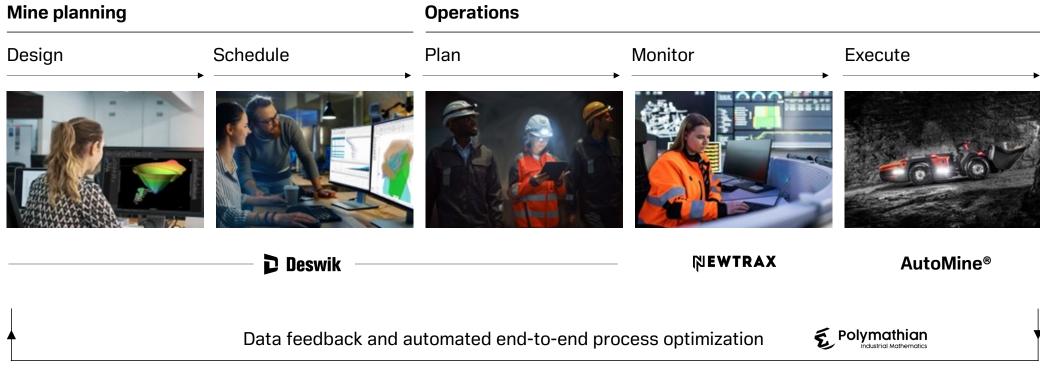
Total BSEK: 1.6

Sandvik orders

Customer value and Sandvik business impact



Integrated digital and AI platform supports customer needs across the value chain



Optimize with AI Simulate Verify outcome

43



Leading the way across the three technology shifts underground

Electrification Automation Digitalization





Proven track record of value creation through M&A

High performing quality acquisitions

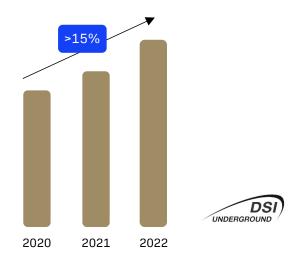
DSI Underground

- World leading in ground support
- Stable revenue growth
- Improved EBITA

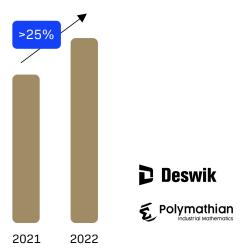
Deswik & Polymathian

- Often perceived as industry standard
- Revenue growth above business case
- Successful transition to subscriptions

Revenue growth CAGR From acquiring year



Revenue growth CAGR From acquiring year





A surface product portfolio able to tap into the large and growing open pit mining market



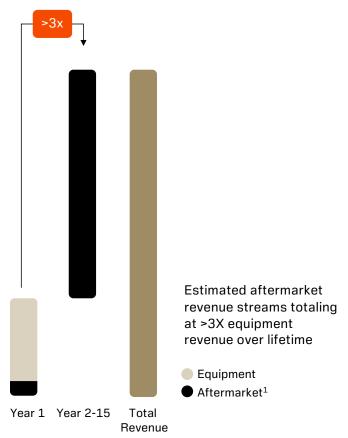
Source: Internal analysis

Note: 1. Estimated revenue stream from Parts & Service, Rock Tools, Automation

Rotary OI development (MSEK)



Growing rotary fleet secures long-term aftermarket revenue (BSEK)



Further growth opportunities

Starting a new chapter in battery electric surface mining

The vision:

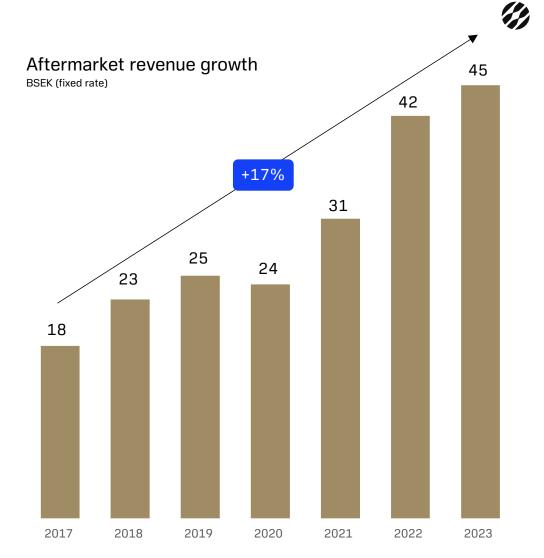
Electrified drilling solutions in all hole sizes and surface drilling applications by 2030

Bringing the most advanced sustainability technologies already proven in underground to the surface mining world



Strong growth of the resilient aftermarket business

- Aftermarket accounts for 66% of revenues
- Continued growth expected:
 - Growth of fleet increases long-term revenue for Parts & Service
 - Larger share of recurring revenues through software licenses
 - Increased demand for advanced Ground Support as mines go deeper
 - Long term Rock Tools contracts enable deeper customer relationships



Note: 1. Q3 2023 4



Profitability journey - SMR

- Margin expansion from 18.3% to 21.2%
- Dilution of c. 200 bps from DSI ground support
- Normalized leverage target of ~30% on incremental volume
- Margin resilience through higher share of aftermarket business and decentralized action plans
 - Increased aftermarket (58% 66%, 2017-Q3 2023)
 - Outsourced production of components in aftermarket & utilization of outsourced assembly for equipment

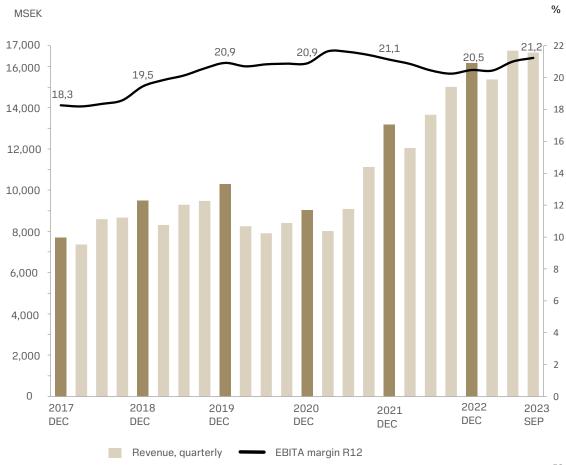
Revenue CAGR 17-22 EBITA CAGR 17-22 Margin R12, Q3 2023

14.9%

17.5%

21.2%

Revenue and EBITA margin development





Revenue CAGR

2019-2025

10%

BEV share of underground hard rock equipment sales

2030

>50%

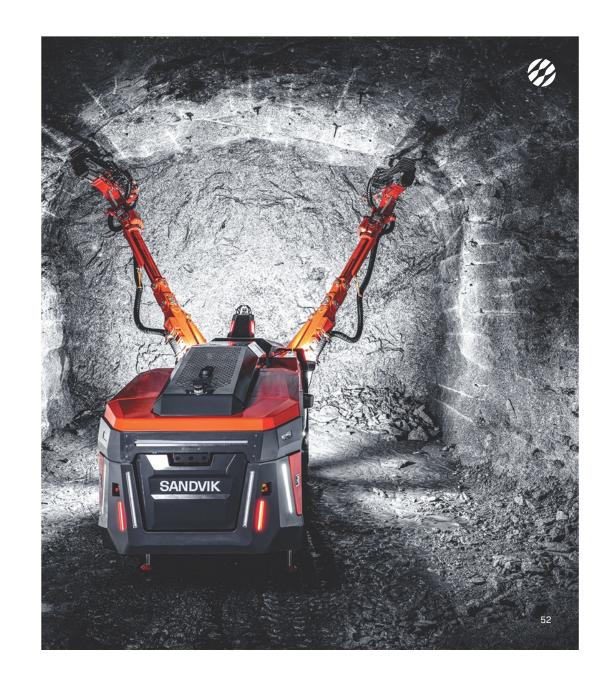
Surface Revenue

2022-2028

>2x

Sandvik Mining & Rock Solutions

- Strong market fundamentals
- SMR is making the shift
 - Enabler in the customer's journey
 - Maturing BEV business with recurring fleet orders
 - Only OEM for large scale advanced UG mining automation
 - Strong aftermarket with leading edge technology and stable long-term revenues
 - Continued leadership in automation, digitalization and electrification
 - Strong growth in surface drilling providing resilience
- Long term growth through leading positions in the sustainable underground mine of the future and technology leading positions in surface mining

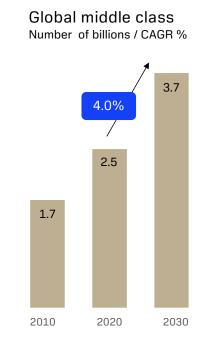


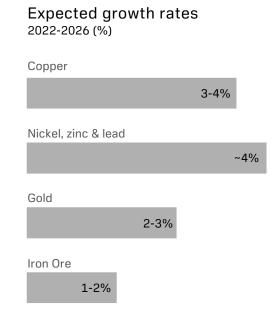




Mining (minerals)

- Growing middle class drives demand for copper, iron ore, & gold
- Electrification & energy transition major driver for demand for gold and copper
- Lower ore grades drive accelerated need for productivity, optimization, automation, digitalization and aftermarket solutions
- Need for processing capacity will increase equipment demand





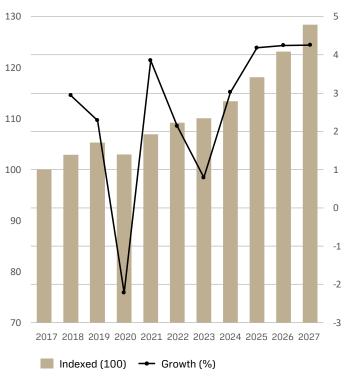


Infrastructure (aggregates, demolition and recycling)

- Growing urbanization drives need for infrastructure projects with specialized equipment
- Maintaining current infrastructure along with a growing middle class generates further investment needs
- Steady long-term growth led by emerging economies and positive GDP development

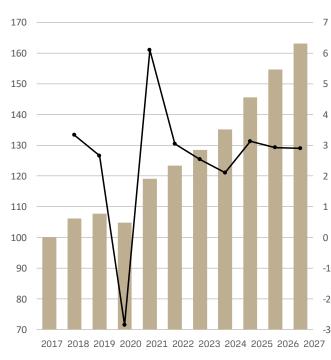
Expected growth rates - Global Construction Output

2017-2027 (indexed & %)



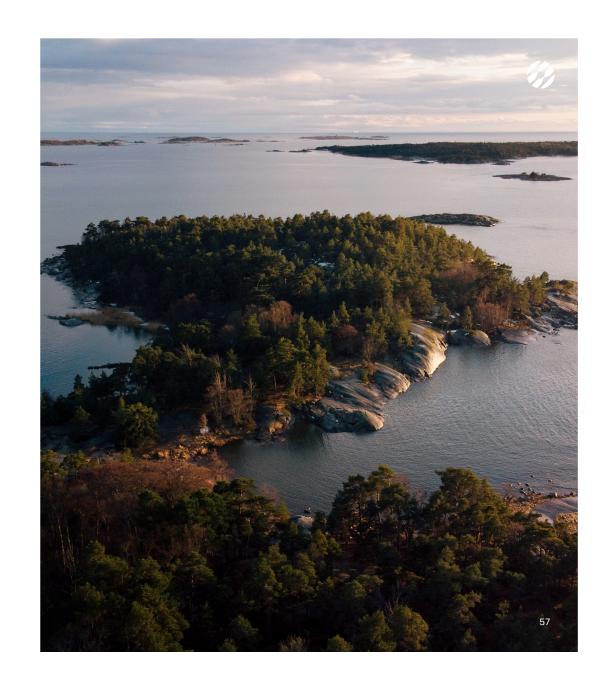
Expected growth rates - Global GDP development

2017-2027 (indexed & %)



Sustainability driven changes in our industry

- The green transition towards electrification and renewable energy
- Energy- and water consumption
- Reduction of green house gases
- Technology, automation, digitalization





Industry leading solutions



High-productivity crushers for any rock crushing application



High-capacity screens for rock & mineral processing



Powerful, agile and fully mobile crushers & screens



Market leading hydraulic hammer and attachment tools offering



SAM

Power tomorrow's data-driven operations



Expanded geographic reach

Balanced revenue split 50 / 50 between Northern and Southern hemisphere

Sandvik

Acquired



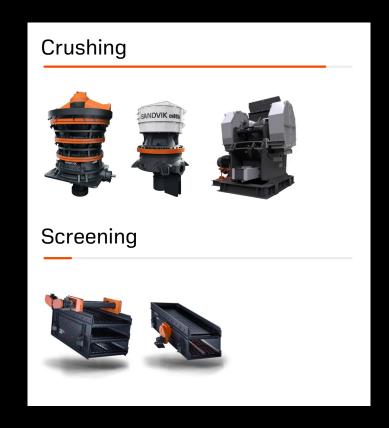
Moving our positions forward in mining

- Leverage on our strengthened position in mining
- Grow our aftermarket business
- Making the sustainable shift by leveraging on our superior crushing technology and know how





Transforming into crushing & screening leadership



Share of mining

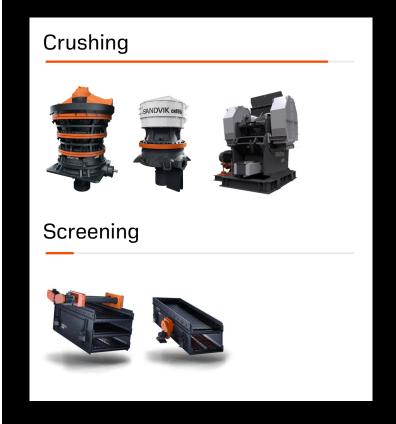
33%

Share of aftermarket

49%



Transforming into crushing & screening leadership





Digitalized solutions

Electrified

offering 100%

Share of mining

58%

Share of aftermarket

57%



Increased number of touch-points in the mineral process value chain

Before acquisitions

Gyratory crushers

Jaw crushers Rock breakers

Cone crushers

Cone crushers

Primary crushing and screening

Secondary/tertiary crushing and screening

Grinding

Separation

Legacy offering focused to the primary and secondary/tertiary crushing process



After acquisitions

Screens Feeders Screens Feeders

Weighing and feeding

Screens Weighing and feeding

Train loadout

The addition of screening, feeding and weighing significantly increases Sandvik's offering in the mining comminution and classification cycle

Increased number of touch points enabling process optimization



How we drive growth

One face to the customer

Common sales and service organizations to drive superior customer experience, sales synergies and capitalize on strengths

Strengthened portfolio

Make the most of our combined offering. Streamline overlaps and develop selected white spots

Eyes on the ball

Focus on speed in execution on the key initiatives



Well positioned to capture growth opportunities

Delivering synergistic growth

Screening solutions revenue

4x

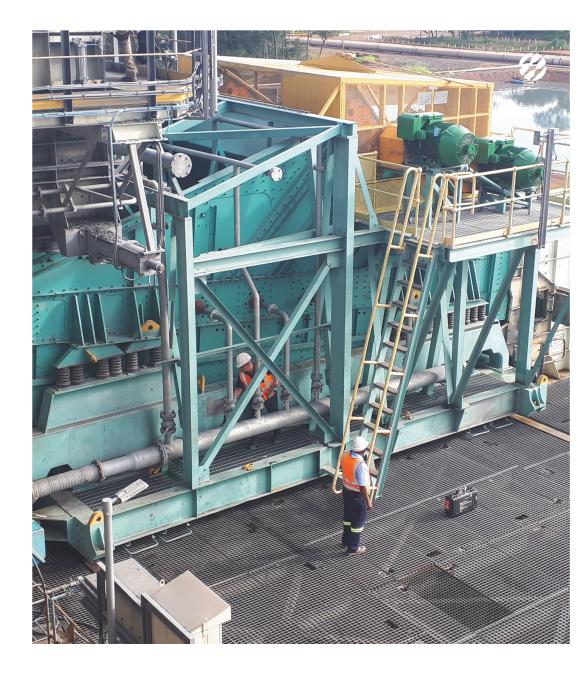
MEUR synergies identified

>150

Combining the offering

Selling crushing to screening customers

Selling screening to crushing customers



The energy challenge in mining

The mining sector's consumption of the world's total energy

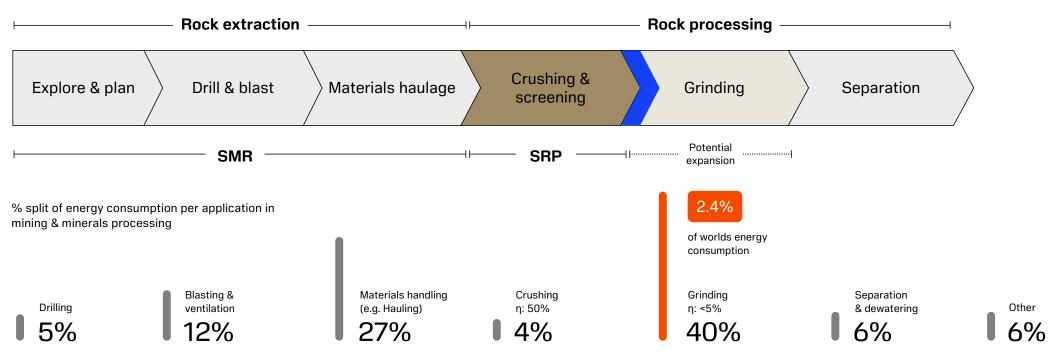
~6%

The need for more minerals grows with the green transition, larger population and declining ore grades



Add efficiency at the core of the challenge

Crushing is 10 times more energy efficient vs. conventional grinding



Source: US DOE Industrial technologies pgm. Energy efficiency, n



General mineral liberation size Cu

Efficiency applied where needed the most

125μm, Au 25μm Comminution Process solution Energy >1,000 Size mm 350 100 75 50 25 12.5 4 1 0.1 3 Stage Crushing & Grinding

> Mill feed (mm)

12.5



General mineral liberation size Cu

Efficiency applied where needed the most

125μm, Au 25μm Process solution Comminution Energy >1,000 Size mm 350 100 75 50 25 12.5 4 1 0.1 3 Stage Crushing & Grinding 3 Stage Crushing & Grinding

- Increased downstream throughput
- Increased energy efficiency
- Reduced operation cost





Plant upgrade Agnew Gold, Goldfields

Mining
Underground
and open pit

Crushing operations
 3 stage crushing and screening

Grinding operations

Primary and

mills

secondary ball

Gravity concentration

Upgrade 2020

- Improve efficiency and availability
- Sandvik Primary crusher, secondary and tertiary CH800i Cone crushers and Schenck SLD3061 Screening solutions







Energy saving: Parameters based on actual particle size and Bond's energy equation acc. to industry practice



Plant upgrade Agnew Gold, Goldfields

Mining
Underground
and open pit

Crushing operations
 3 stage crushing and screening

Grinding
operations
Primary and
secondary ball

mills

Gravity concentration

Following the upgrade

- Finer mill feed, 6 mm
- Increased total throughput by ~10%
- Energy saving 10-15% per produced ton
- Annual OPEX savings of USD 1.5 million
- 3y investment payback time







Energy saving: Parameters based on actual particle size and Bond's energy equation acc. to industry practice

Enabler in customer shifts

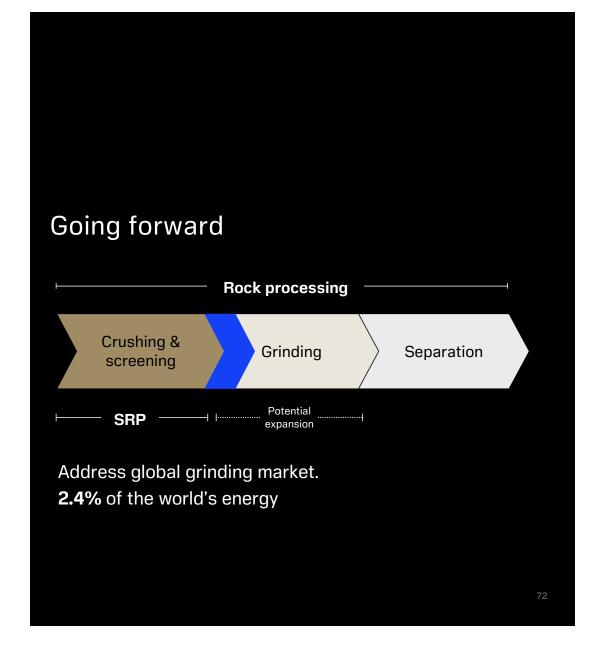
Addressing the installed inefficiency

Today

Installed inefficiency in

>600 operating mines globally

Mines operating with conventional tumbling mills and untapped crushing and screening efficiency



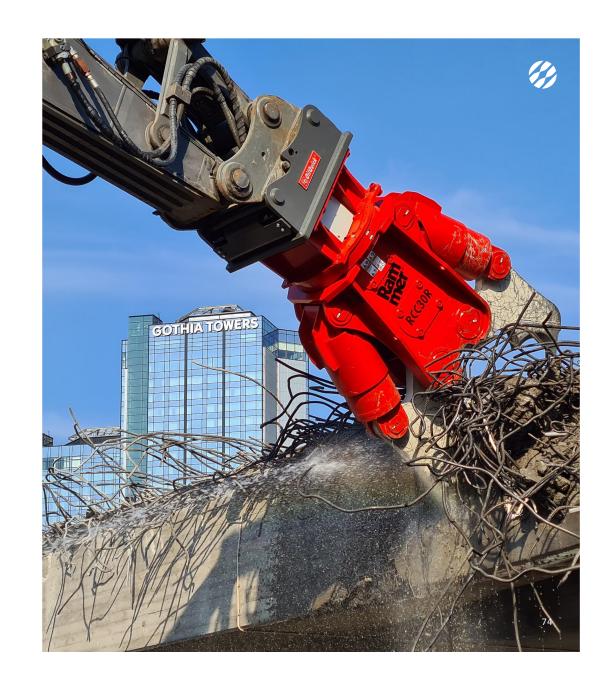
Source: Globaldata.com for Sandvik



Further growth opportunities

Demolition and recycling creates big opportunities

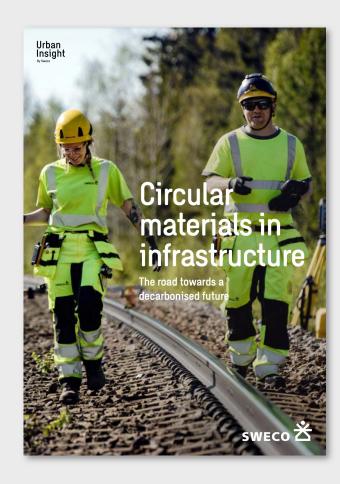
- Much of the material used in the world is not recycled today – this will change
- Regulations and environmental impact will drive the change
- We have a well developed offering to meet the demand and customer requirements





The annual use of aggregates in Europe is 4.2 billion tonnes – only 7% is part of the circular economy

SWECO - Circular materials in infrastructure

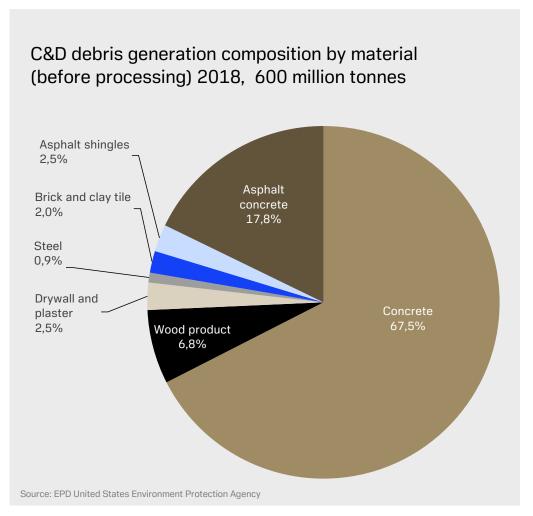




Recycling landscape

Key recycling target areas

- Concrete and asphalt
- Over 85% of construction and demolition waste generated
- Reduce landfill waste





SRP is well positioned



Mobiles

- Developed with quarrying and recycling in mind.
- Enhanced mid mid-sized crushers and screens ideal for recycling.
- Proven ability to perform
- >90% available as an electric offering 2025



Attachment Tools

- 'One Stop Shop' for demolition and recycling customers
- Peak performance at right cost of ownership
- Become full assortment provider via strategic acquisitions



Profitability journey - SRP

- Significant growth delivered since 2020
- Margin increases from 11% in 2021 to an average 16% 2019 to 2022
- Margin resilience delivered through
 - Increased aftermarket (50% 60%, 2019-H1 2023)
 - Supply chain in-out sourcing
 - Hired labor and flexible hour
- Normalized leverage target of ~25% on incremental volume

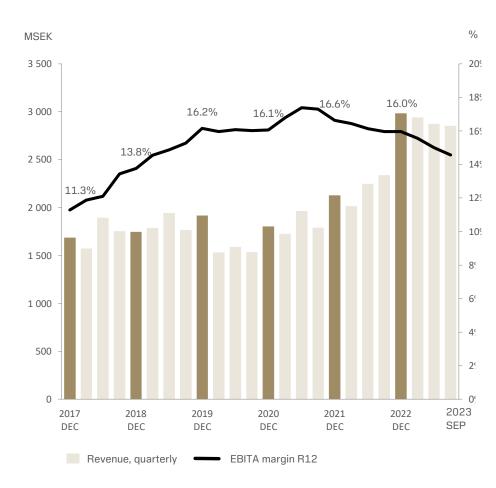
Revenue CAGR 17-22 EBITA CAGR 17-22 EBITA 2022

7.5%

15.2%

16.0%

Revenue and EBITA margin development





Revenue CAGR

Increased aftermarket penetration

2019-2025

~10%

2019-2025

>30%

Of our mobile products available as an electric offering

2025

>90%



Strong growth ambition supported by a customer centric offering

- Leverage screening acquisitions to grow the mining business
- Continue electrify and strengthen our infrastructure offering
- Capture larger portion of the aftermarket
- Expand downstream in the mining process
- Productivity and performance supported by digital solutions
- Drive sustainability with eco efficient rock processing solutions



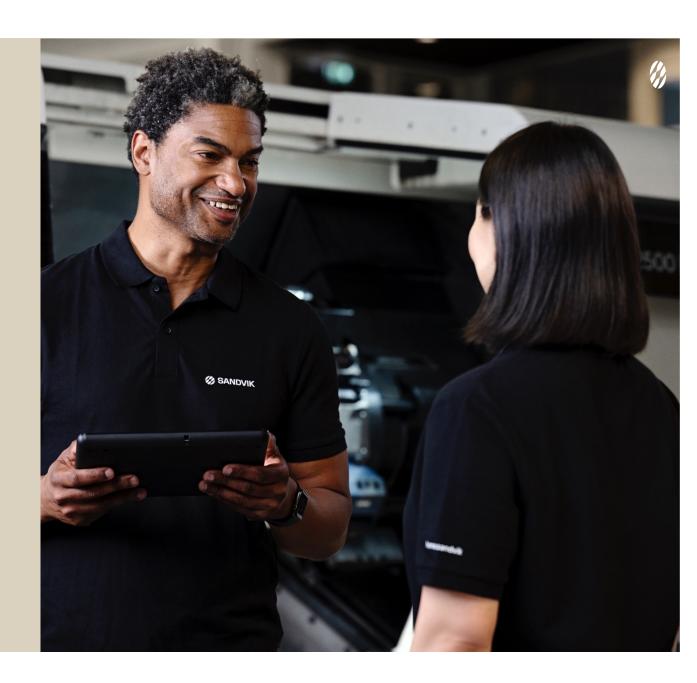






Efficient and sustainable manufacturing

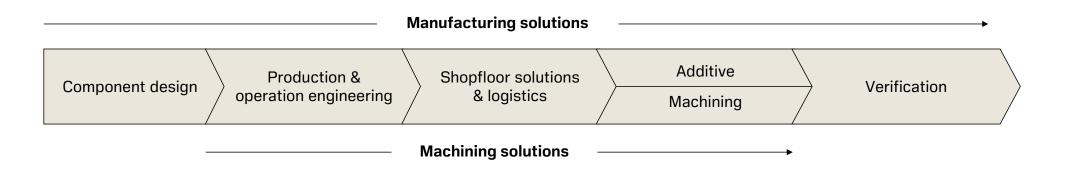
Manufacturing of the future is digitalized and automated, from design to finished product – supporting the transition to a sustainable world





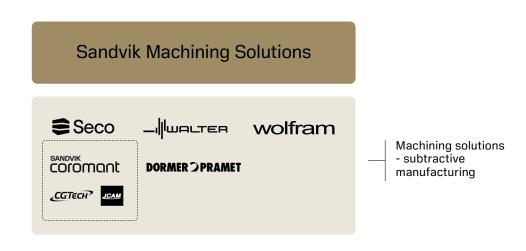
Strong presence in the customer value chain

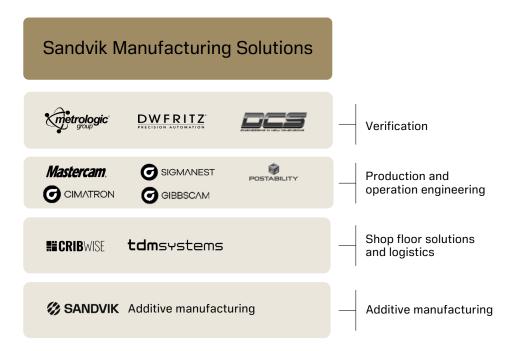
- Leading offerings efficiency and sustainability
- Possibility for end-to-end optimization and automation
- Agnostic offerings enabling further growth





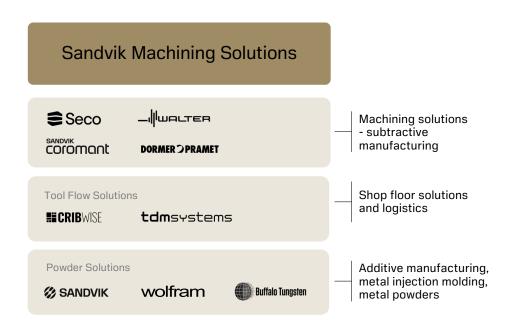
Strengthening our capabilities for the manufacturing industry







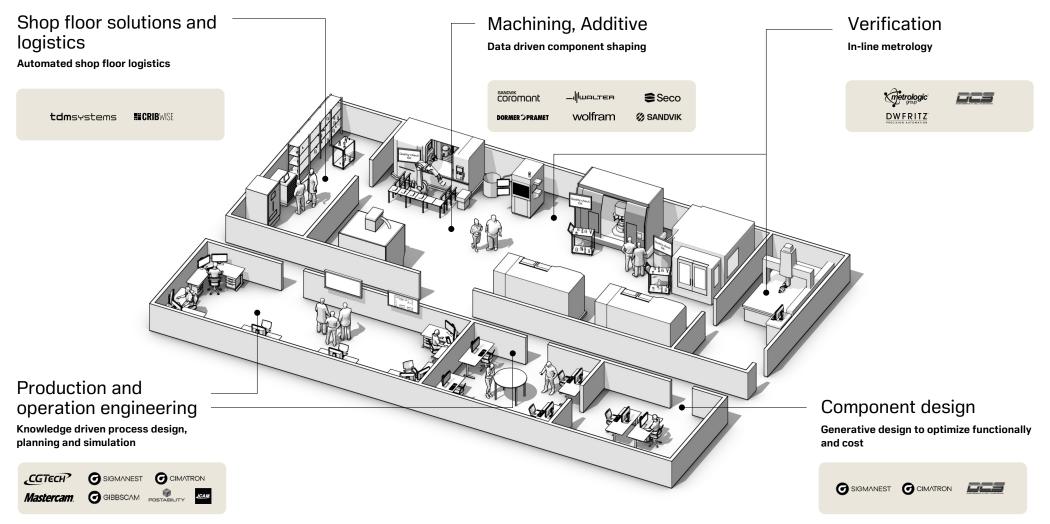
Strengthening our capabilities for the manufacturing industry



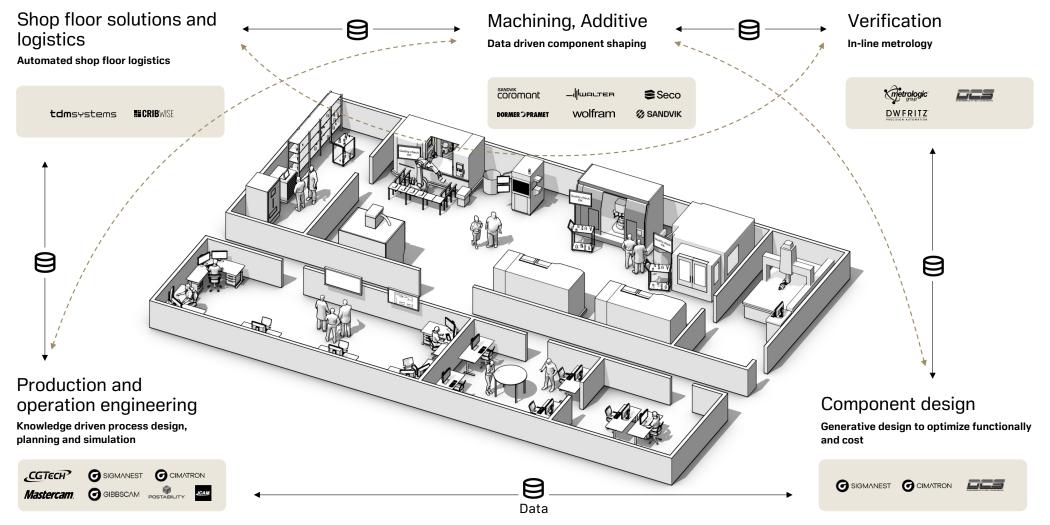














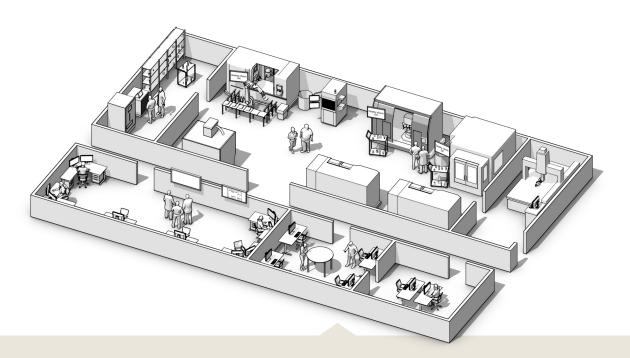
Market access and customer benefits drive value

Software seats (SMF)

400,000

Direct customers (SMS)

100,000



Large customer and user base enables synergies

Large brand portfolio provides multiple choices for customers

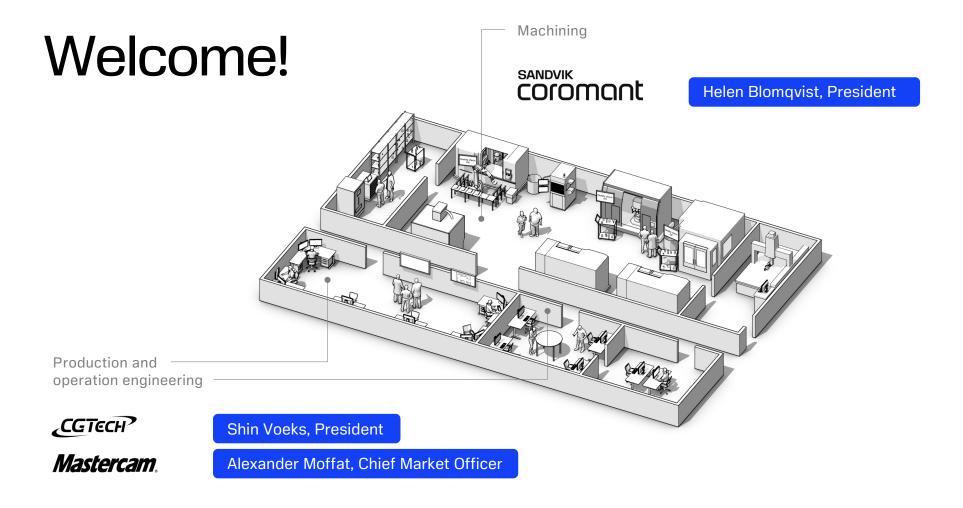
Product integration and leadgeneration enables crossselling

Combined benefits at customer builds loyalty and stickiness













Demand trends and impact on SMS



Slowing globalization

- · China and US protectionism
- Regionalization of supply chains
- Customers demand more local/regional offer



Urbanization and growing wealth

- High demand for quality infrastructure
- · Growth shift in Asia
- Increased competition from local players in Asia



Challenging demography

- Reducing workforce due to aging population
- Increased focus on health
- Increased demand for automation to address skill gaps and productivity needs



Sustainability

- Sharp focus on carbon footprint reduction
- Demand for concrete, measurable sustainability impacts
- Change in cutting tool products mix due to EV shift



Digitalization

- Manufacturing industry embracing Industry 4.0
- Increased demand for digital solutions for efficiency and productivity
- Customers demand holistic perspective



Top segments

General engineering

Automotive

Aerospace

Energy

Market size vs. market share

Market size (BSEK)

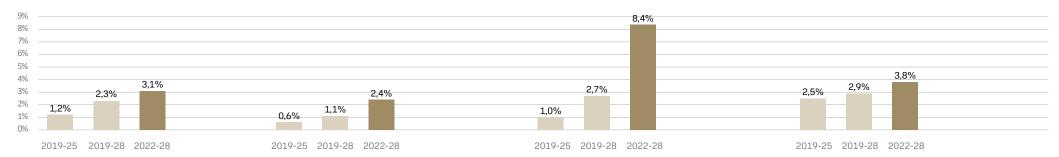
Market size (BSEK)

Market size (BSEK)

Market size (BSEK)

17





- Increased component demand
- · New type of machineries

- Supply constraints easing
- · Slight production volume growth
- · Shift to electric / hybrids continues
- · Heavy vehicles EV shift minor

- Recovery in international travelling
- · Asia-Pacific leading demand
- Shift to more fuel-efficient aircraft
- Increased defense spending

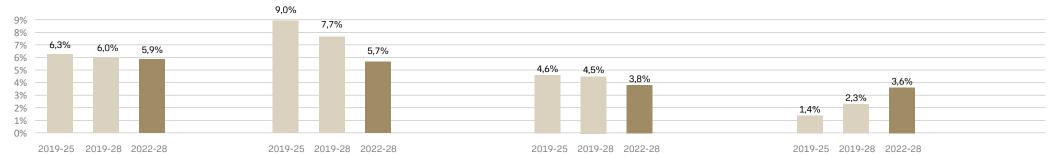
- Low-carbon goals pushing renewables
- · Higher industrial activity still demands oil
- · High activity in power generation



Further segments







- Aging population
- · Improved standard of living
- New technologies (Al, voice)
- · Growth in connected devices
- · Short product life cycles

- · Auto components demand
- · Growth in consumer electronics
- Increased investment in capacity
- · Demand for eco-friendly products
- · Increased non-aero defense spending

Other segments include Pump & Valve, Rail, Ship building, Machine Tool Builders, etc.



Regions

Europe
Asia
Americas
Rest of world

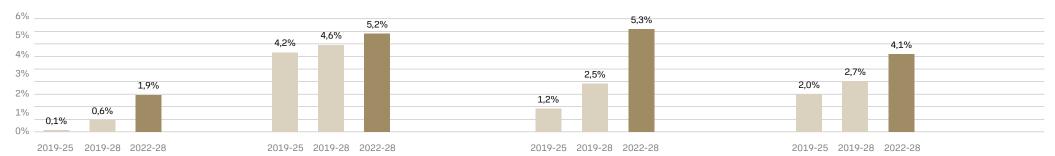
Market size vs. market share

Market size (BSEK)
Americas

Market size (BSEK)
And
Americas

Market size (BSEK)
And
Americas

CAGR



- Slower local growth
- Faster transition to renewables
- · Increased digitalization

- · Continued GDP growth
- · Growth in all segments
- China an opportunity and challenge
- · Resilient GDP growth
- · Manufacturing near-shoring
- · Increased automation

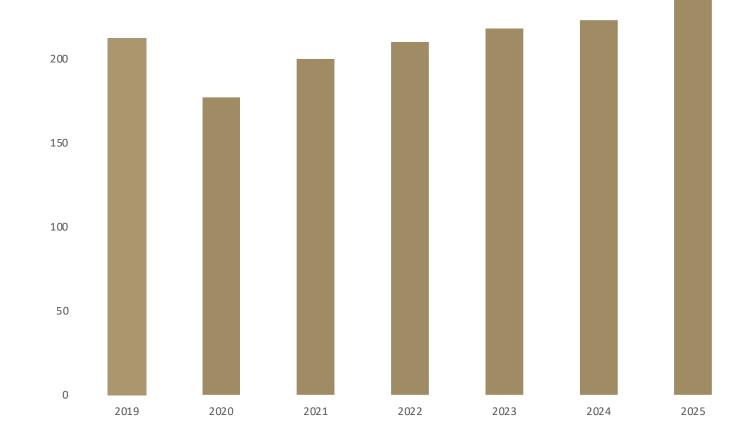
- · High GDP growth from lower levels
- · Increasing industrialization
- · Energy and metal driven growth



Global cutting tool market

- In 2019-22, SMS grew faster than the market (1.1% vs 0%)
- Volume growth affected by uneven sector recovery (aerospace, auto) from the pandemic and market slowdown
- Cutting tool market forecasted to rebound
 - ~2% CAGR 2019-25
 - ~4% CAGR 2022-25
 - ~4% CAGR 2022-28

250



Cutting tool market (BSEK)

^{*} Cutting tool market in fixed currency.

Well positioned to capture growth opportunities

World leader in the industry of metal cutting

Active patent families

Parcels shipped to customers per day

780

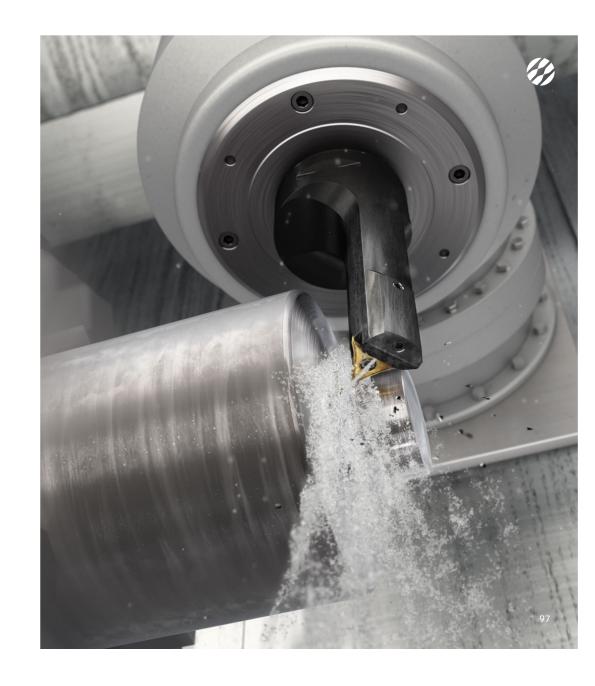
17,000

Sales engineers worldwide

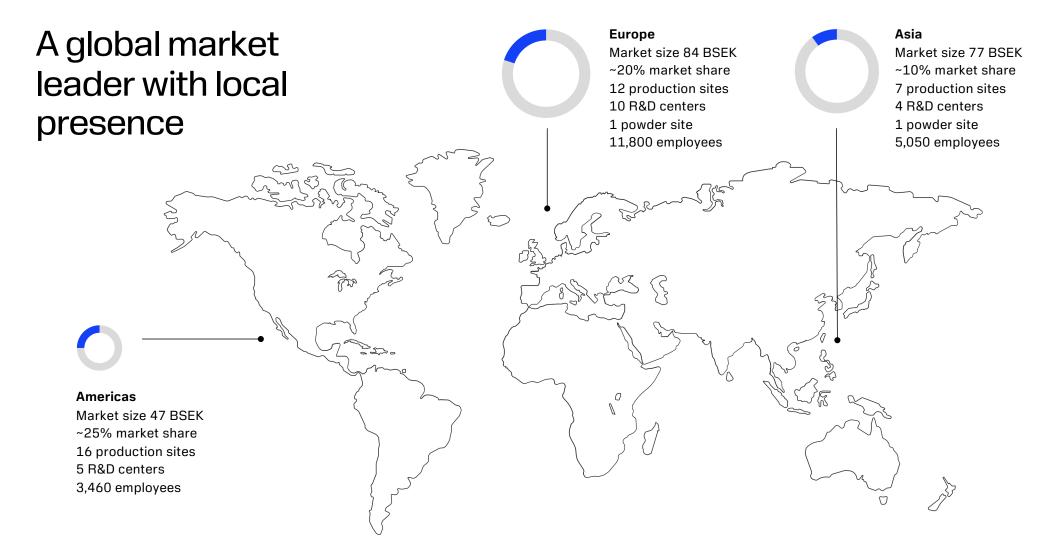
New products per day

5,000

8

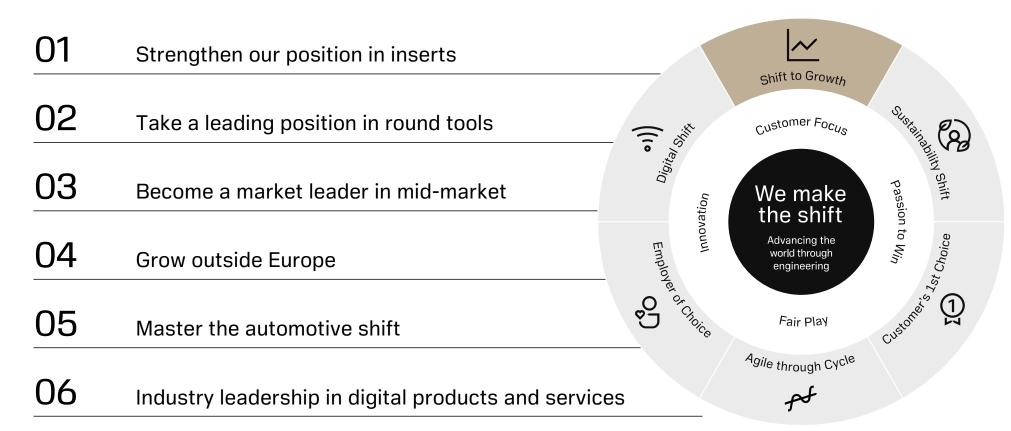








Shift to growth



Strengthen our position in inserts & take a leading position in round tools













Global top 3 in round tools

Global round tool market share growth (2021-2022)

>2% points

SMS round tool revenue growth (2021-2022)

>20%

SMS outgrowing the round tools market growth

>4x





PETERSON TOOL COMPANY



FREZITE



SPHINX•TOOLS



10

Regional plans



US

- Stronger position in mid market / local premium (GWS)
- Enhanced local production capabilities, incl local powder supply

Mexico

- Focus on near-shore manufacturing for US
- Strengthened local production capabilities (QCT)

Europe

- Focus on growth pockets – Auto aluminum, Medical
- Full assortment production capabilities, incl powder supply

China

- Mid market/local premium push
- Strong position in round tools
- Local production capabilities

Rest of Asia

- India enhanced mid market footprint (Miranda)
 Strong production capabilities, incl powder supply
- Japan local production capabilities
- South-east Asia (Vietnam, Indonesia, Thailand) –
 beneficiaries of China+1 sourcing. Focus on fast-growing mid-market



North America











Market size 2022, BSEK

CAGR 2022-2028

~5%

Market share SMS 2019

2022

~20% ~25%

The difference

Light vehicles (LV)

CAGR (2022-30)

2%

EV 2030

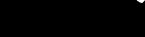
47%

Share of production volume

96%

Machine intensity ratio

x1



Medium heavy commercial vehicles (MHCV)

CAGR (2022-30)

3%

EV 2030

13%

Share of production volume

Machine intensity ratio

4%

x5





The difference

Light vehicles (LV)

CAGR (2022-30)

EV 2030

Share of production volume

Machine intensity ratio

2%

47%

96%

x1

% of SMS sales

60%

10%

Market share





Medium heavy commercial vehicles (MHCV)

CAGR (2022-30)

EV 2030

Share of production volume

Machine intensity ratio

3%

13%

4%

x5

% of SMS sales

40%

25%

Market share

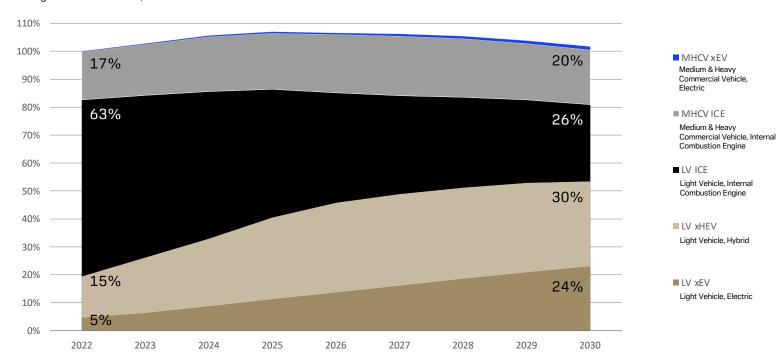




Shift to EVs and aluminum

Electrical vehicles development

Cutting tool market volume, indexed. CAGR 2022-2030 = 0.2%



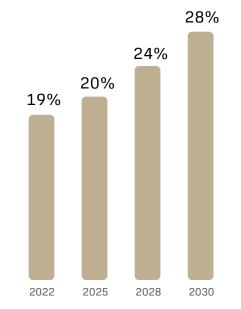
Shift to EVs and aluminum

Aluminum growth and drivers

Aluminum - share of cutting tool market CAGR 5% (2022-30)



- Minimizing weight a key driver in automotive and aerospace segments
- Hybrids additional aluminum components in electric motor and battery housing
- EVs additional aluminum components for electric motor, reduction gearboxes and electrical units housing



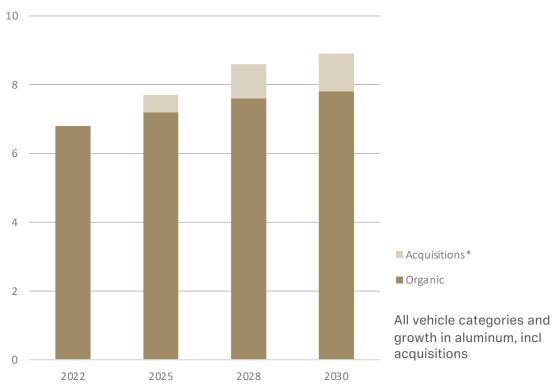


Source: S&P Global, Aug 2023 -Light Vehicle production forecast -Aluminum content in passenger cars (2022-30). Sandvik internal data and analysis.

Master the automotive shift

Addressing the EV shift

SMS revenues from automotive (BSEK)



^{*} incl. subsequent organic growth of acquired companies





Digital products and services

Component design Production & Shopfloor solutions & Additive Machining Verification

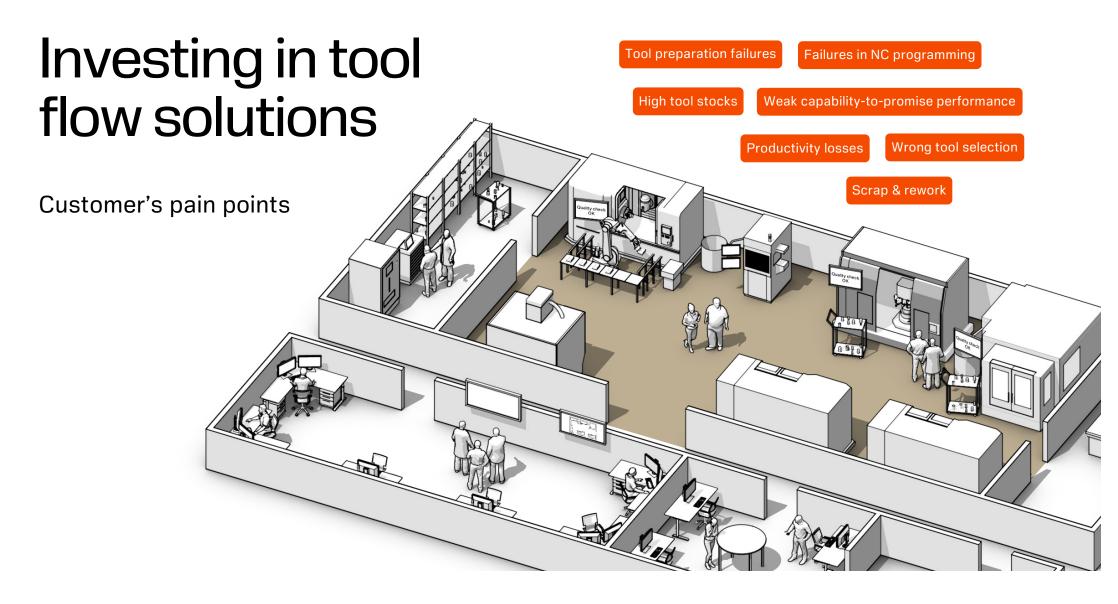
Machining, tool and cutting data; recommendations

Tool management and identification

Vending and inventory management solutions

Machining data access, monitoring and optimization

Output / performance-based business models

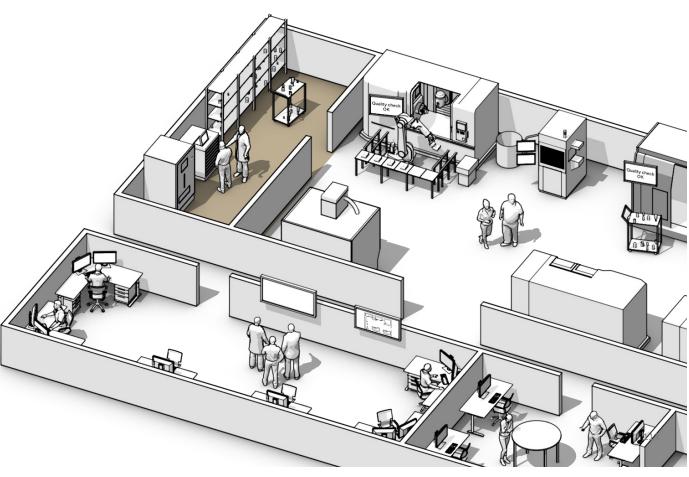


Investing in tool flow solutions

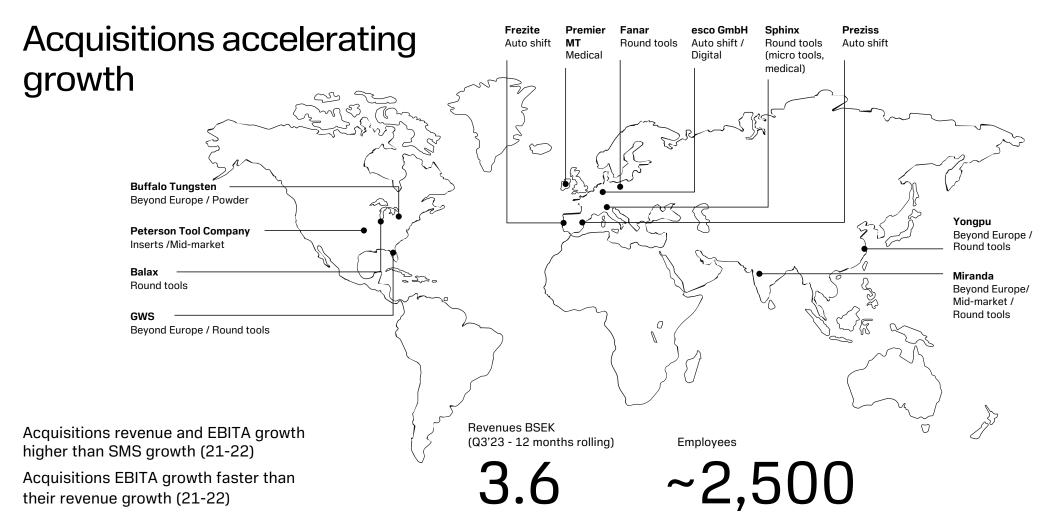
Benefits for customer and us

- Structure and order
- Efficiency through time savings and less scrap
- Enables automated processes
- Support sustainability targets
- Stickiness with customers
- Increased tool sales

tdmsystems ##CRIBWISE







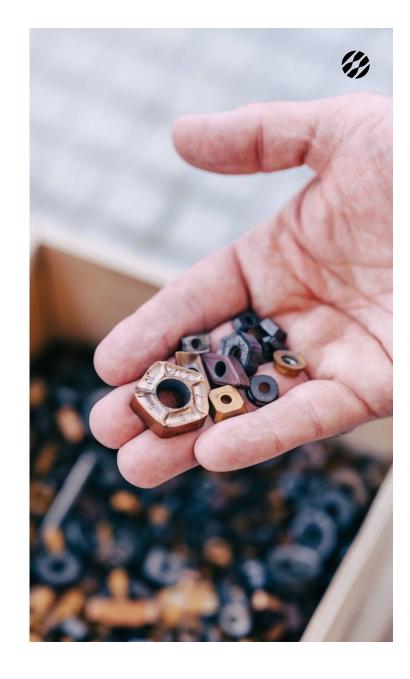
Sustainability shift

Customer needs

- Increase circularity to eliminate waste
- Ensure a sustainable value chain
- Reduce energy consumption and thereby CO₂ footprint

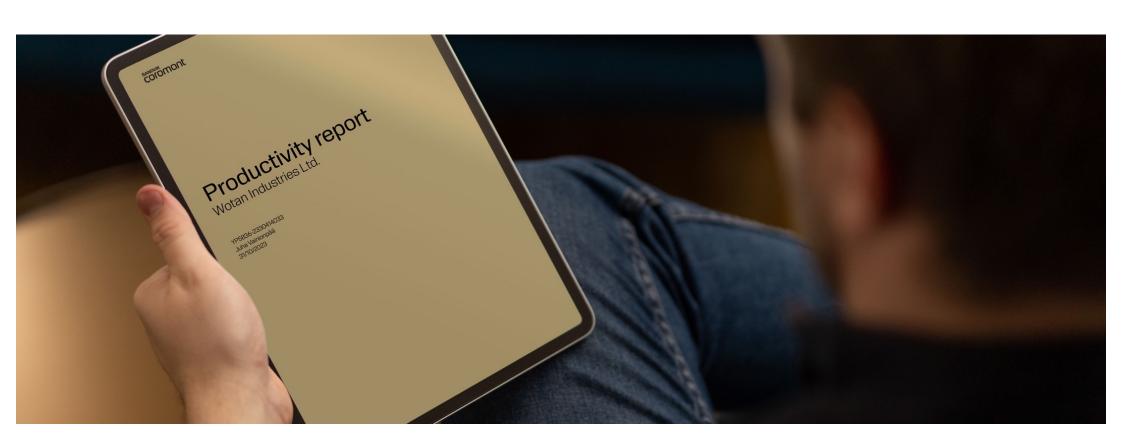
Our solutions

- High tool performance and reliability for material and energy efficiency
- Increased solid carbide round tools reconditioning
- Recycle with our leading buyback program
- Sustainability services



Sustainability Analyzer

Minimizing emissions and climate impact





Sustainability Analyzer

Minimizing emissions and climate impact

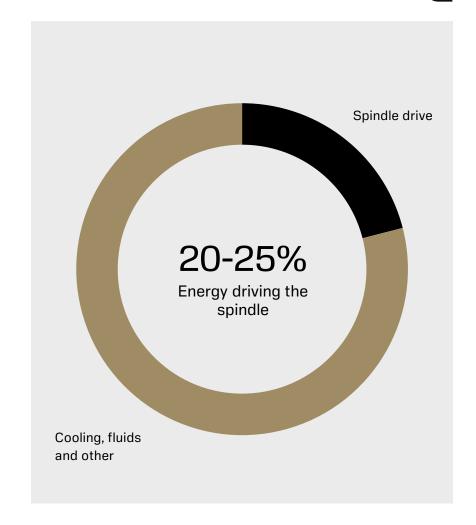
- Using our tooling solutions and process improvements we unlock the potential in the CNC machine
- Increasing efficiency and decreasing the environmental impact





Sustainability solutions for customer demands towards net zero

- Data driven approach
- Tool efficiency
- Waste reduction
- Energy savings



Automotive customer cases

1. Introduction of new grade for steel turning

- New coated cemented carbide grade – GC4415
- Customer producing 215,000 components per year
- Optimized tool life
- Energy savings of 12.5
 MWh/Year corresponding to 20% of total consumption

2. Optimization of milling operation

- New tool path and machine setting
- Customer producing 80,000 components per year
- Energy savings of 50MWh/year corresponding to 23% of total consumption
- SEK 0.1 million in savings and investment of one machine avoided



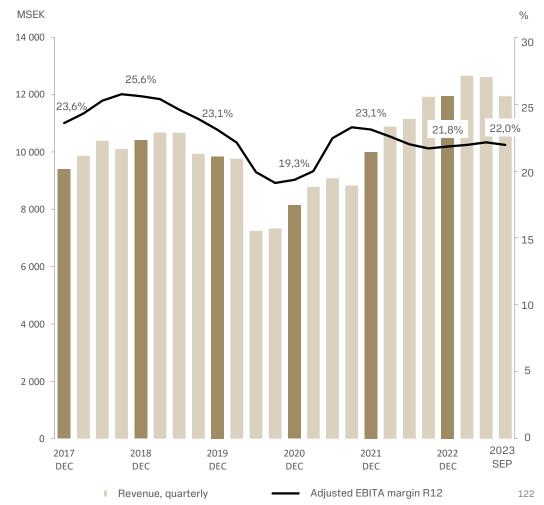


SMM maintains leading profitability

Stable and strong adjusted EBITA margin

- EBITA margin managed in a strong way during volatile volume situations caused by changes in the global business environment
- SMS good and stable leverage level throughout cycle of around 40%
- Strong and proactive execution of structural measures, which have strengthened the midand long-term margins

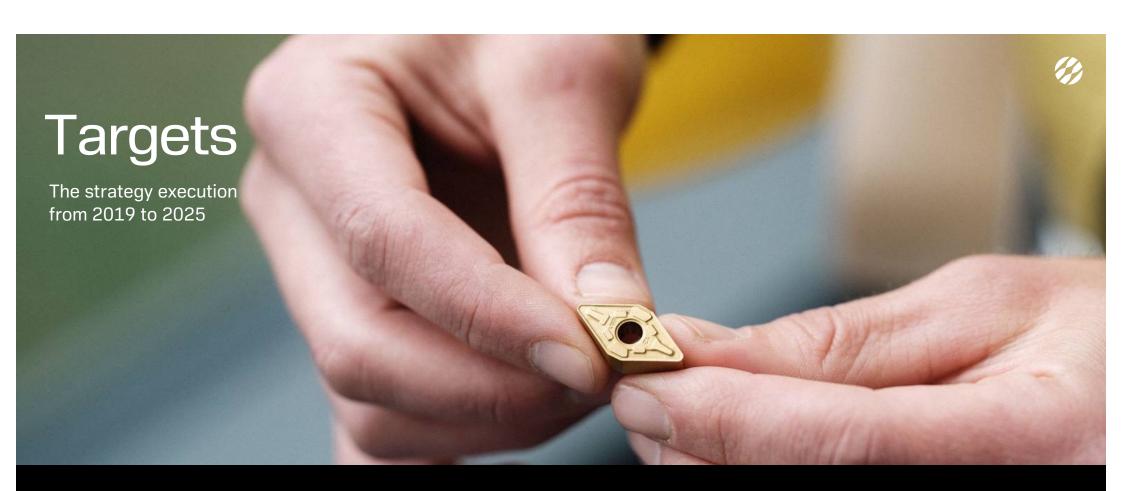






Agile through cycle

Shift to Growth Agile planning process with support of Al $O_{igh} = O_{igh} O_{igh}$ Customer Focus Footprint optimization - reduction of fixed assets passion to Win We make _{Innovation} the shift Employer of Choice Workforce flexibility Advancing the world through Exploration of new revenue streams Fair Play Agile through Cycle



Core business growth

Organic growth > market growth

~50%

from M&A

Revenue CAGR

2019-2025

5%





Customer needs



Changed customer behavior...

- Decisions are made earlier in the value chain
- Increased skill-gap
- Simulation and digital twin

...and demands on components & assembly...

- More complex shapes and light-weight components
- Sustainability and resource efficiency

...enabled by technology...

- Inspection integrated in the manufacturing feedbackloop
- Connected, automated selflearning processes, Al
- Five axis machining and hybrid manufacturing

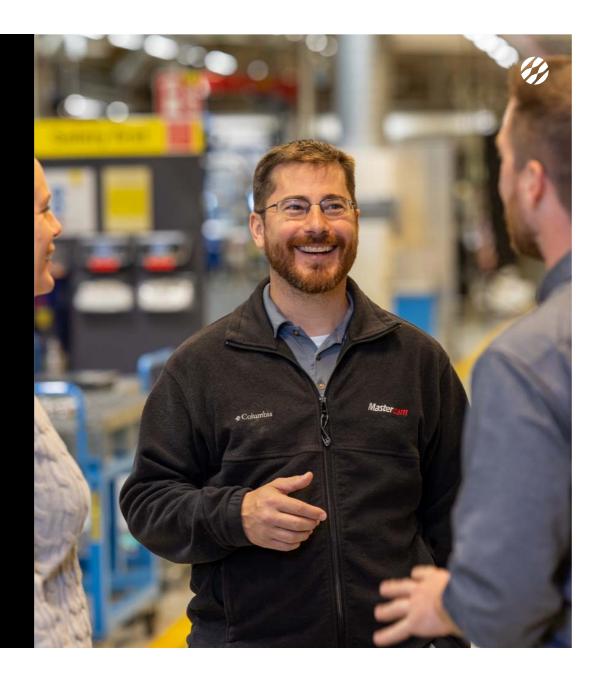
...in ever evolving industrial landscape

- Point-solutions integrates into turn-key solutions
- Industrial consolidation and software offer expansions

Structural growth drivers

Our response?

Simplify manufacturing





Sandvik Manufacturing Solutions

From October 1, 2023





















Well positioned to capture growth opportunities

World leading software solutions

Share of software [2022]

Software CAGR 2021-2022

70%

7%

Software seats

400,000

EBITA% in software business

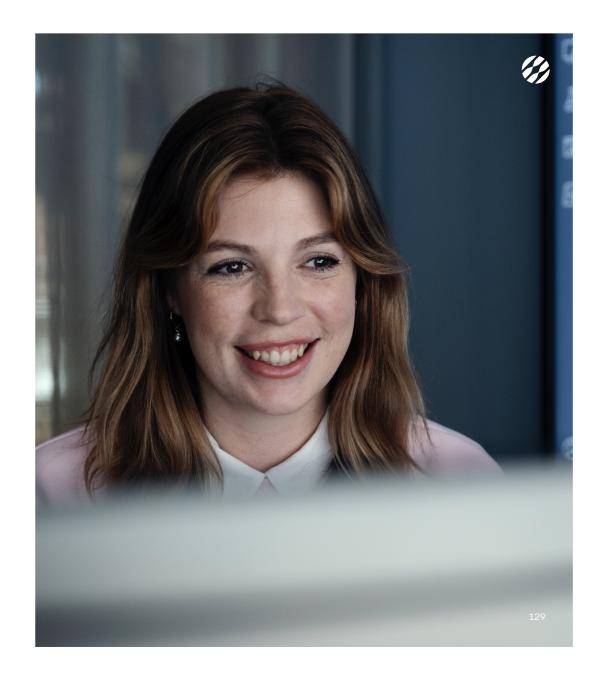
29%

Recurring software revenue

60%

Employees in R&D

30%

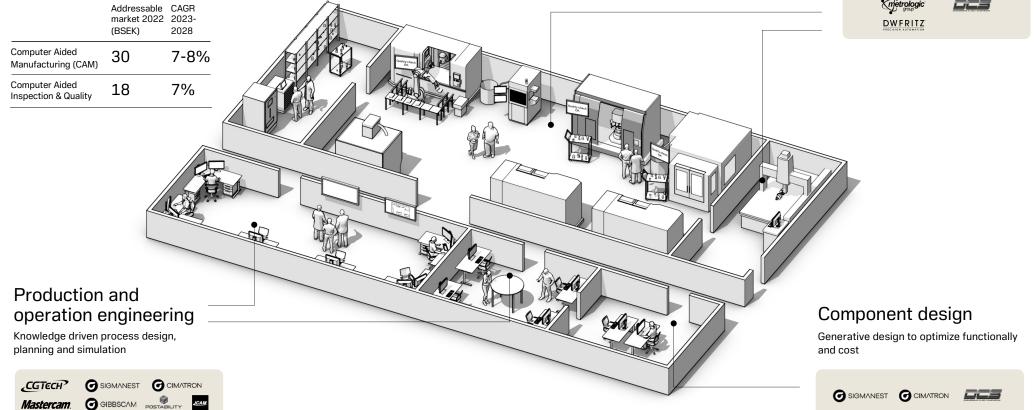


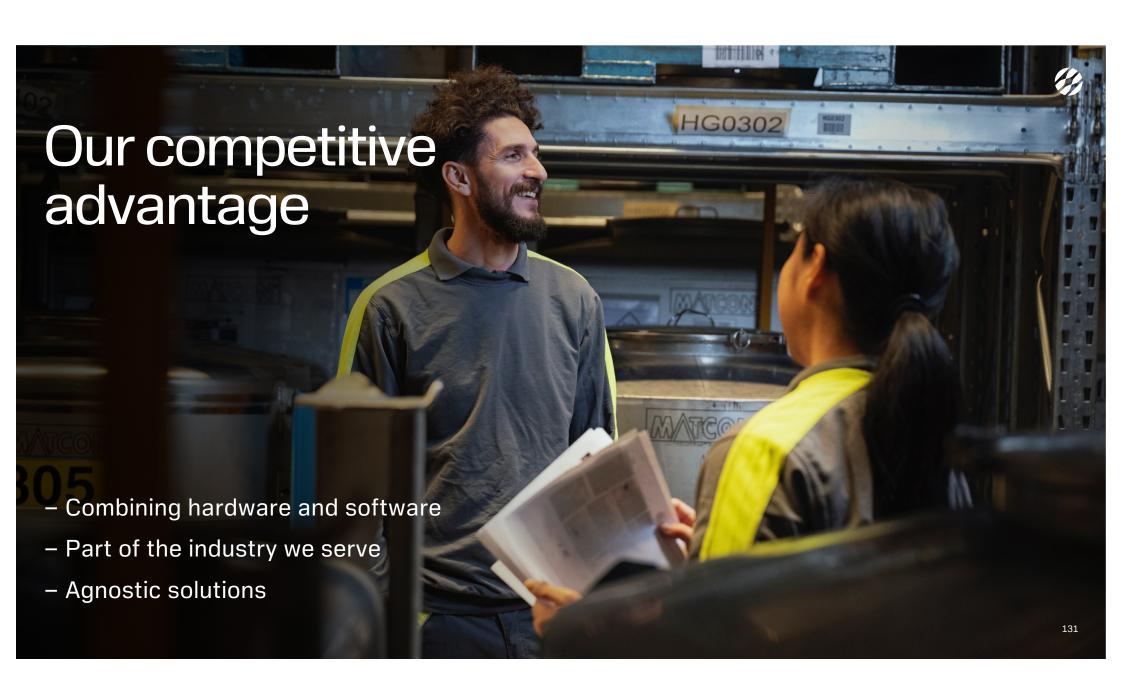


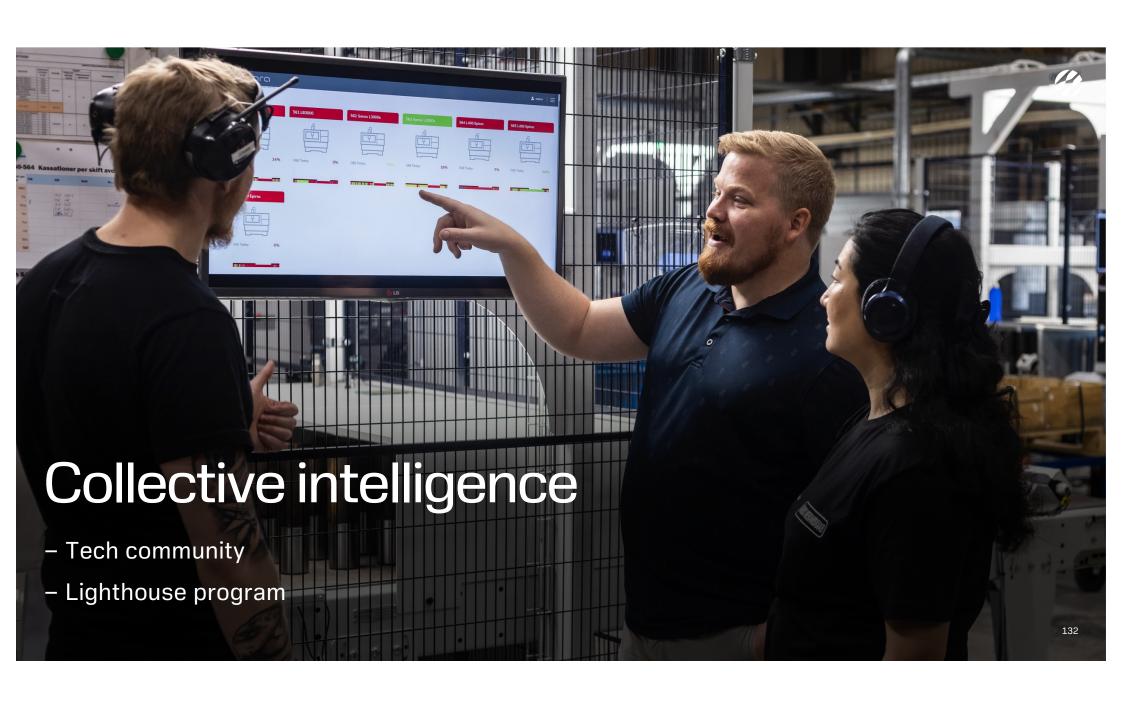
Strong position

Verification In-line metrology











Shop floor solutions and logistics

Automated shop floor logistics

Machining, Additive

Data driven component shaping

Data



Verification

In-line metrology



Production and operation engineering

Knowledge driven process design, planning and simulation



Component design.

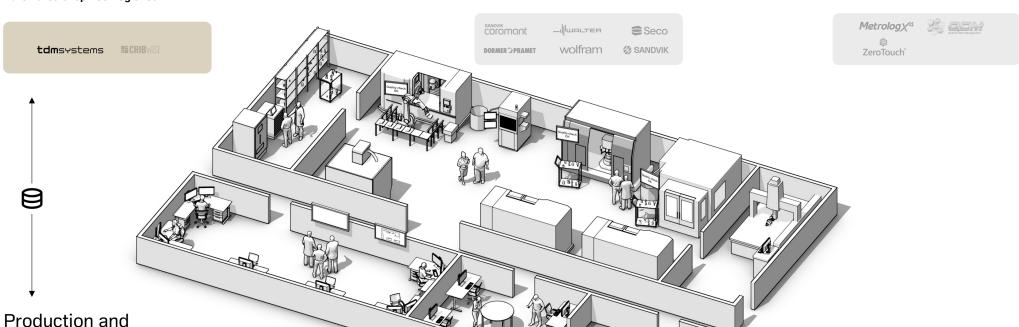
Generative design to optimize functionally and cost





Shop floor solutions and logistics

Automated shop floor logistics



Machining, Additive

Data driven component shaping

VERICUT GCIMATRON SIGMANEST

operation engineering Knowledge driven process design,

planning and simulation

Component design.

Verification

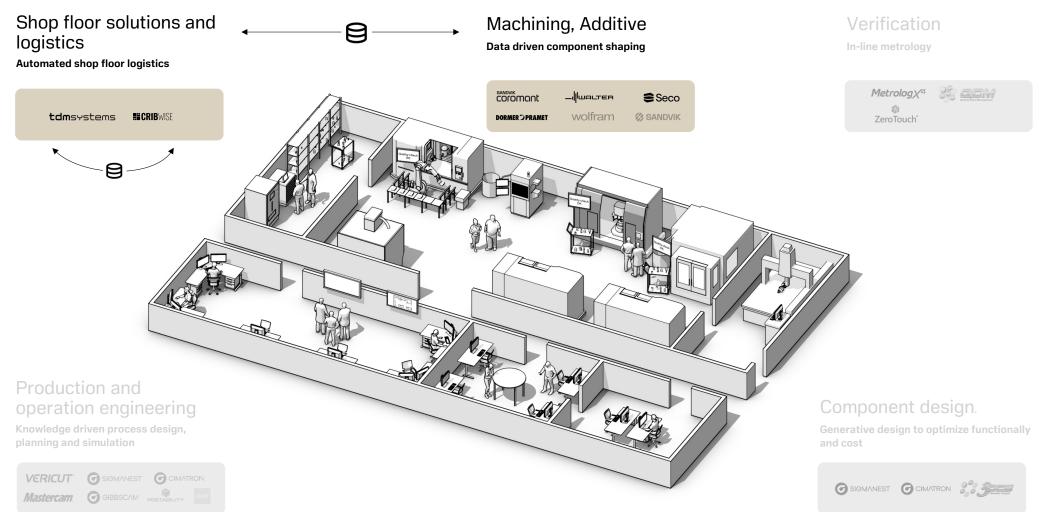
In-line metrology

Generative design to optimize functionally and cost

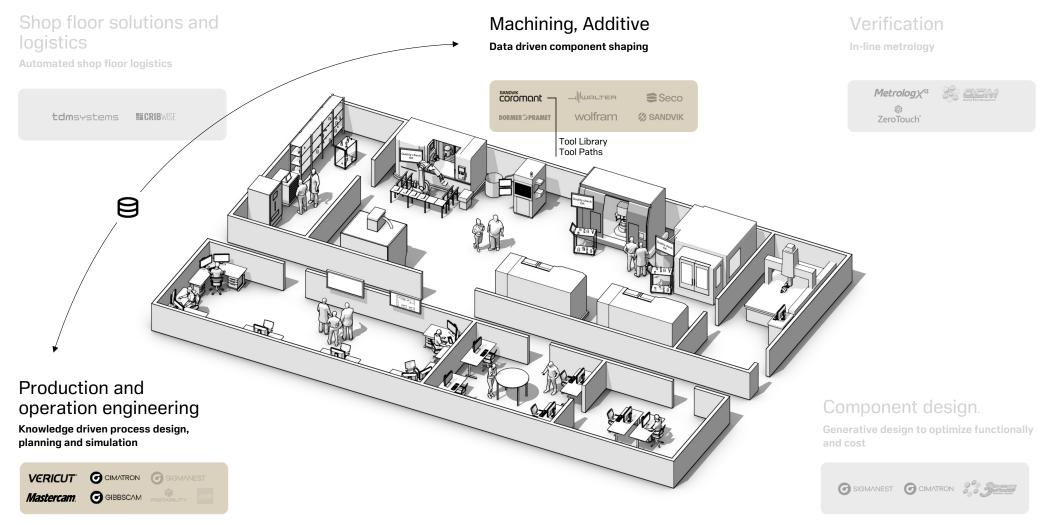












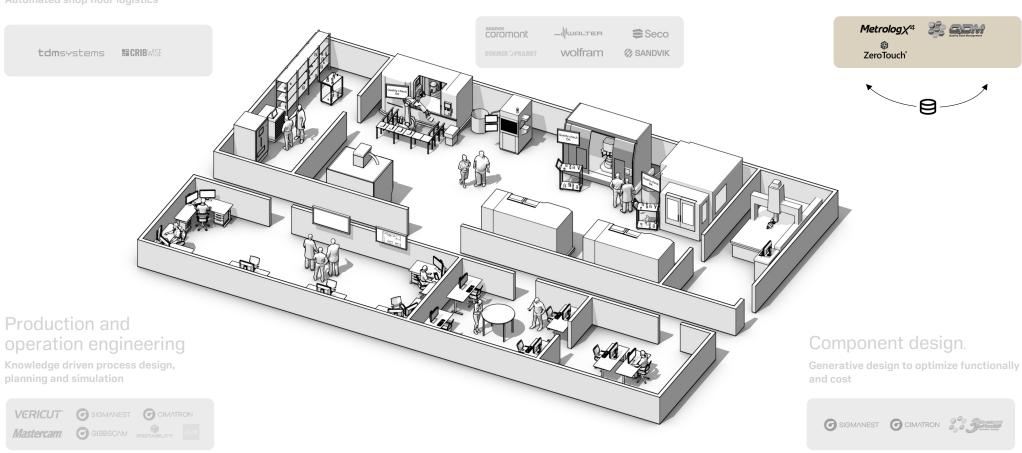


Verification

In-line metrology

Shop floor solutions and logistics

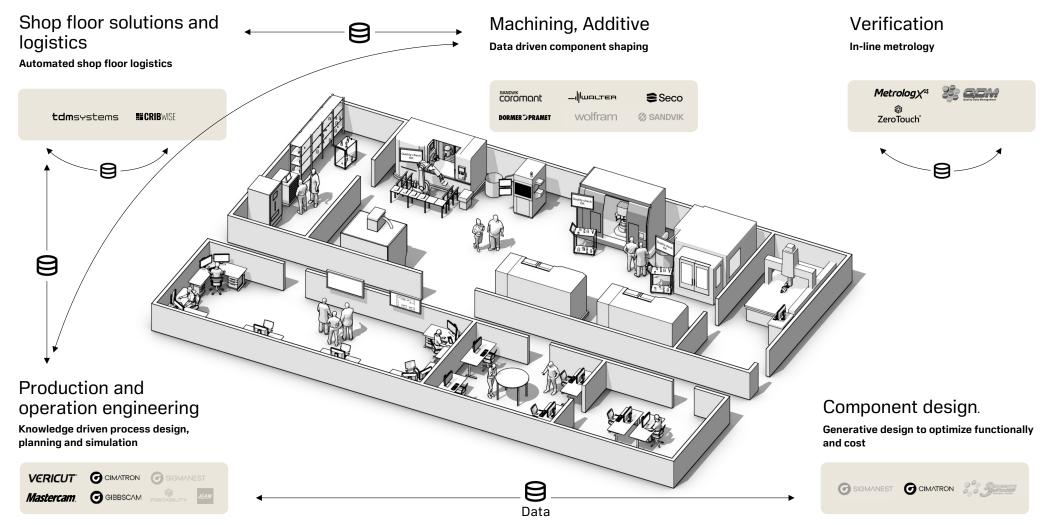
Automated shop floor logistics



Machining, Additive

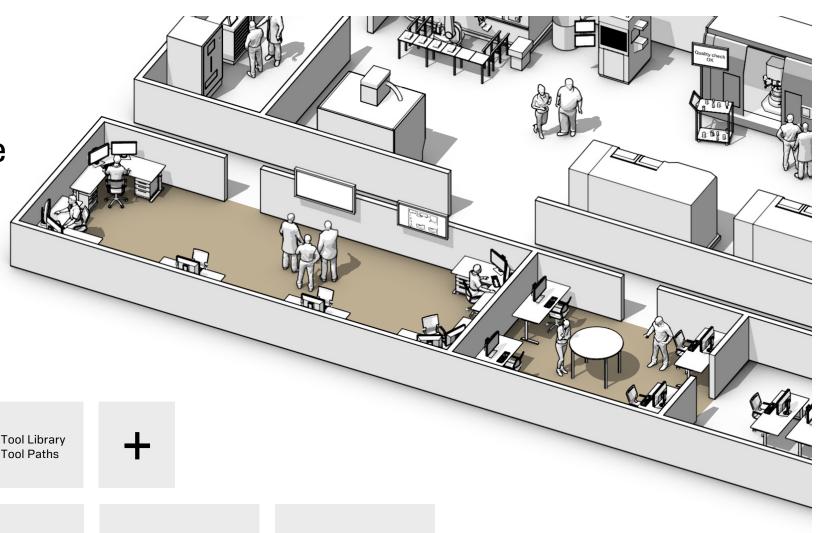
Data driven component shaping





Enabler in customer shifts

Connecting the user-experience



SANDVIK

CoroPlus® Tool Library CoroPlus® Tool Paths

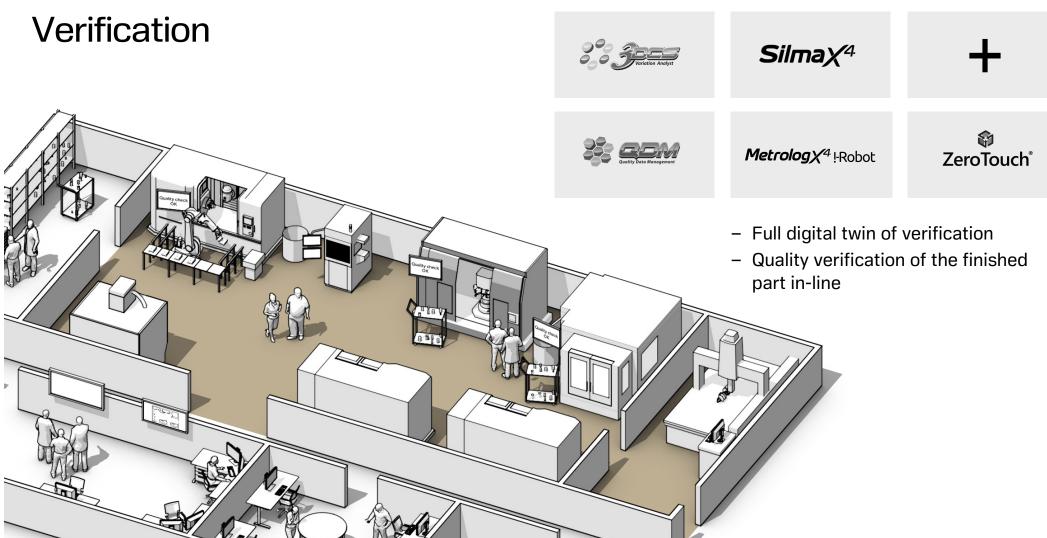








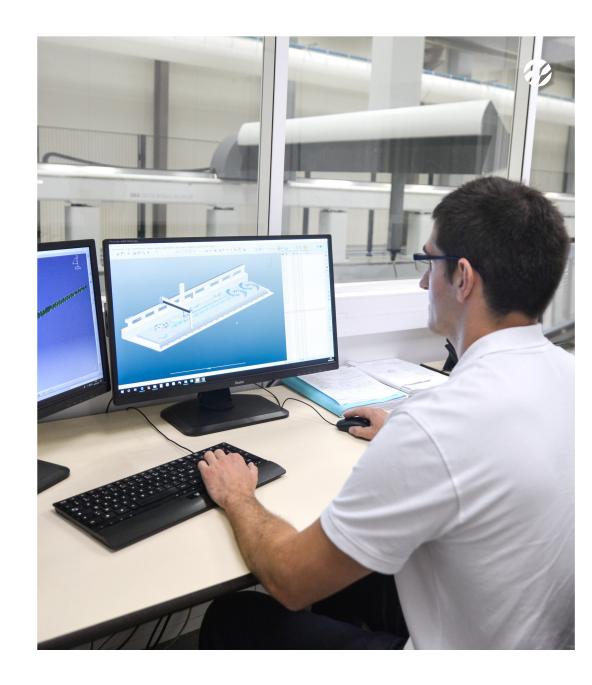




"One advantage to highlight is the capability of virtually reproducing the whole inspection environment.

The programming from A to Z of highly complex parts with collision avoidance, brings us considerable machine time savings and allows to measure more exactly."

Julien Ecran
Offline programming expert, Figeac Aero





Strategic direction



Establish a leading position in key markets



Accelerate growth on strong assets



Create additional value through synergies



Explore offer expansion



Sandvik Manufacturing Solutions

Software revenue

Adjusted EBITA

4 BSEK 22%

Summary

- Leading position established
- Progress in realization of synergies
- Further growth potential identified

Further growth opportunities

Geared up for next phase

Different opportunities, strong synergies

 Leveraging on our unique market position through the agnostic and end-to-end offer

 Further product integrations providing a seamless user experience

Working towards closing the loop for a more efficient and sustainable manufacturing

