

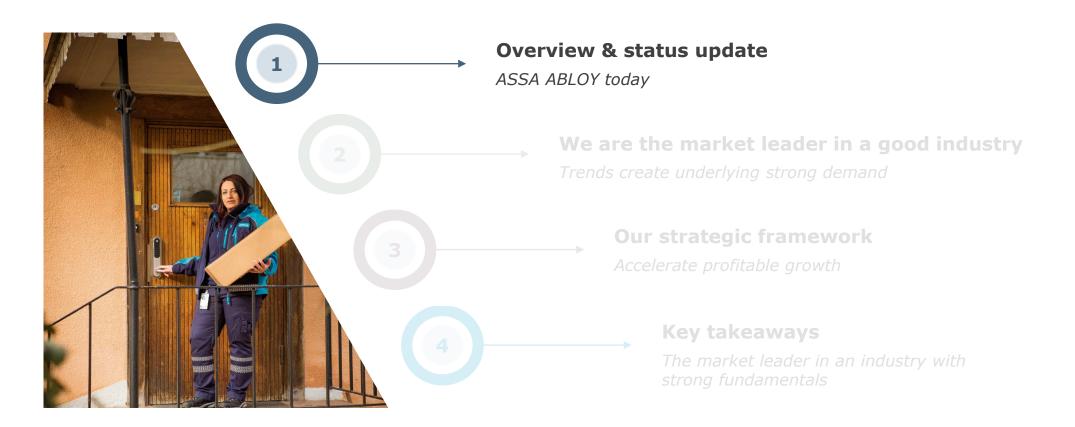
CMD 2022 - Strategy overview

Nico Delvaux, CEO and Erik Pieder, CFO

Presentation outline



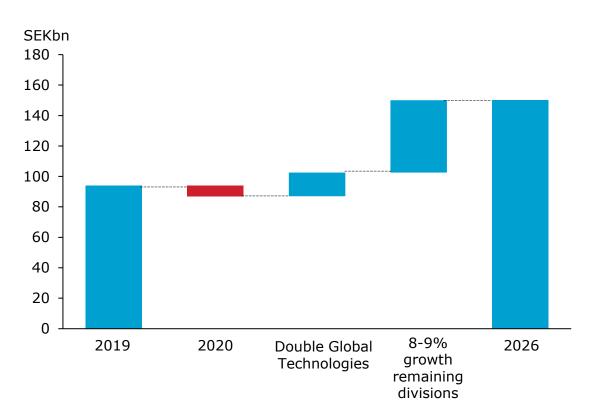
Presentation outline



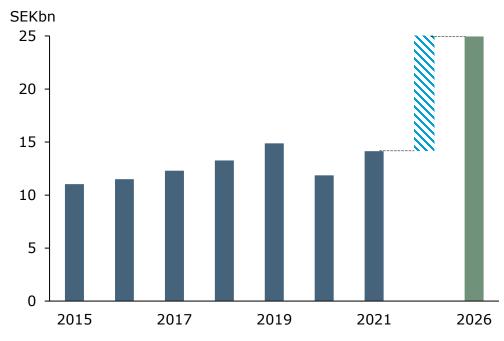
Recap of CMD 2021 – accelerate profitable growth

- assuming financial targets achieved

We can reach sales of SEK 150 bn...



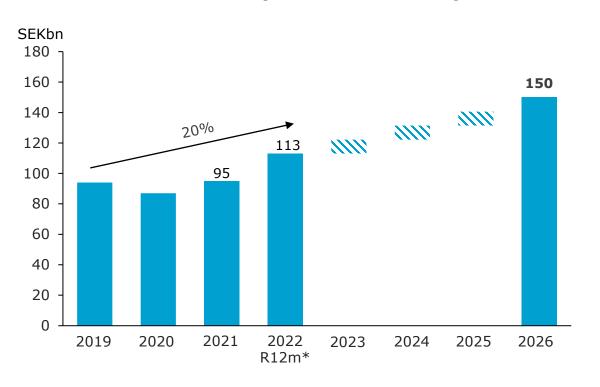
...and an operating profit of SEK 25bn in 2026



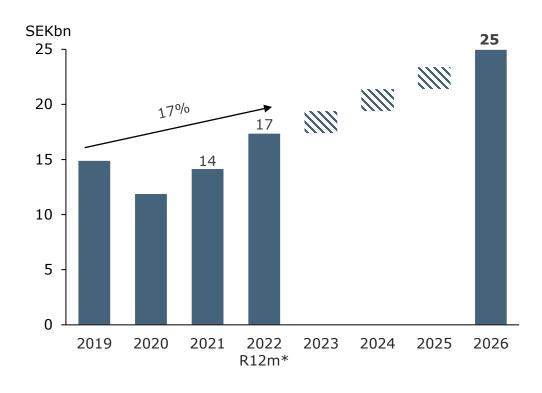
^{*)} Excluding items affecting comparability.

Despite turbulent times, we are well on track

Sales have increased by 20% since base year 2019

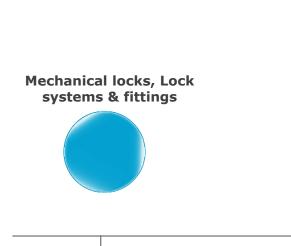


...and operating profit is up 17%



^{*)} Note: As of 30 September

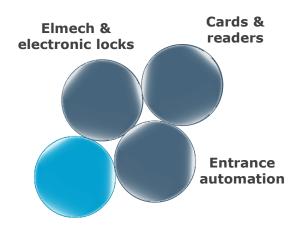
Evolution of the core

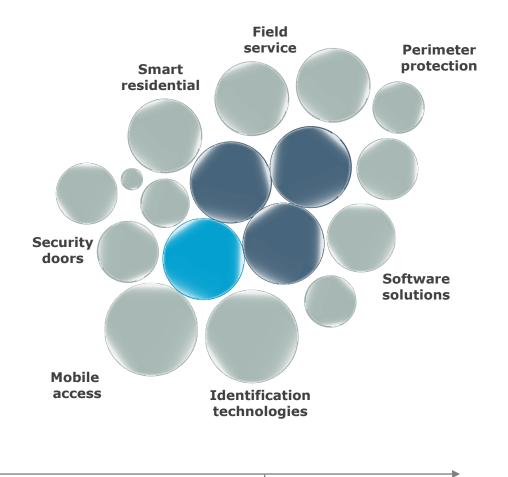


1994

One of the world's leading

lock companies



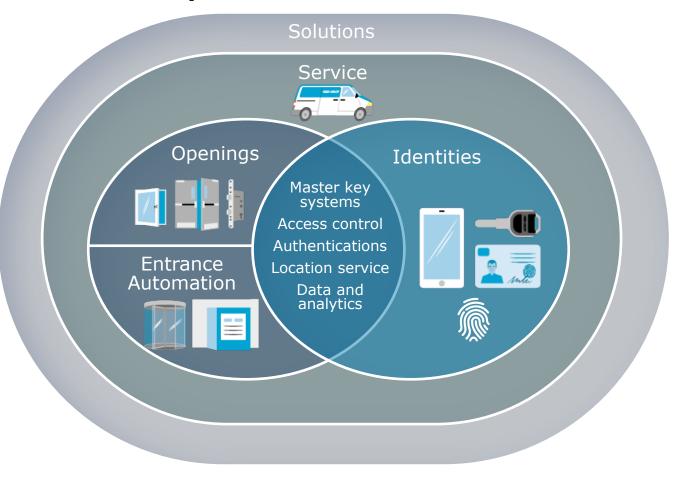


2008
Global leader in door opening solutions

2022
Global leader in access solutions

Our access solutions ecosystem

All parts of access solutions

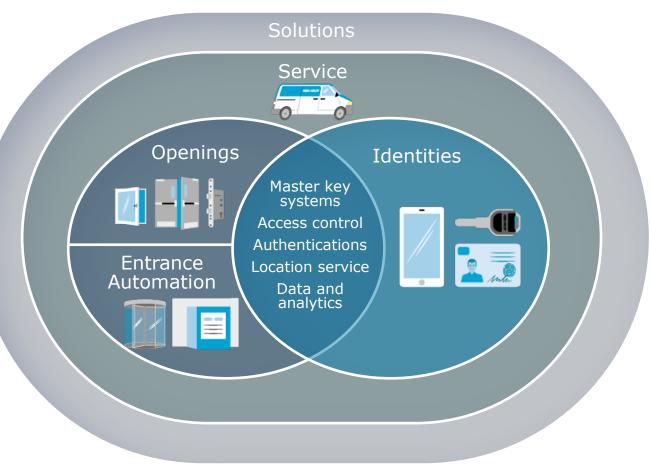


Our access solutions ecosystem

Divisional core

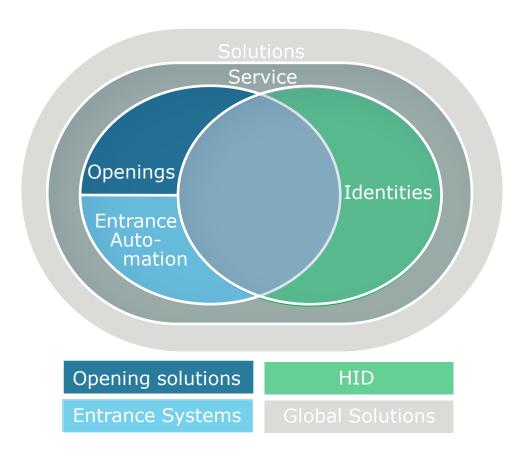
Service Openings Identities Entrance Automation Opening solutions HID **Entrance Systems**

All parts of access solutions

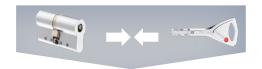


Our access solutions ecosystem

Divisional core



Convergence



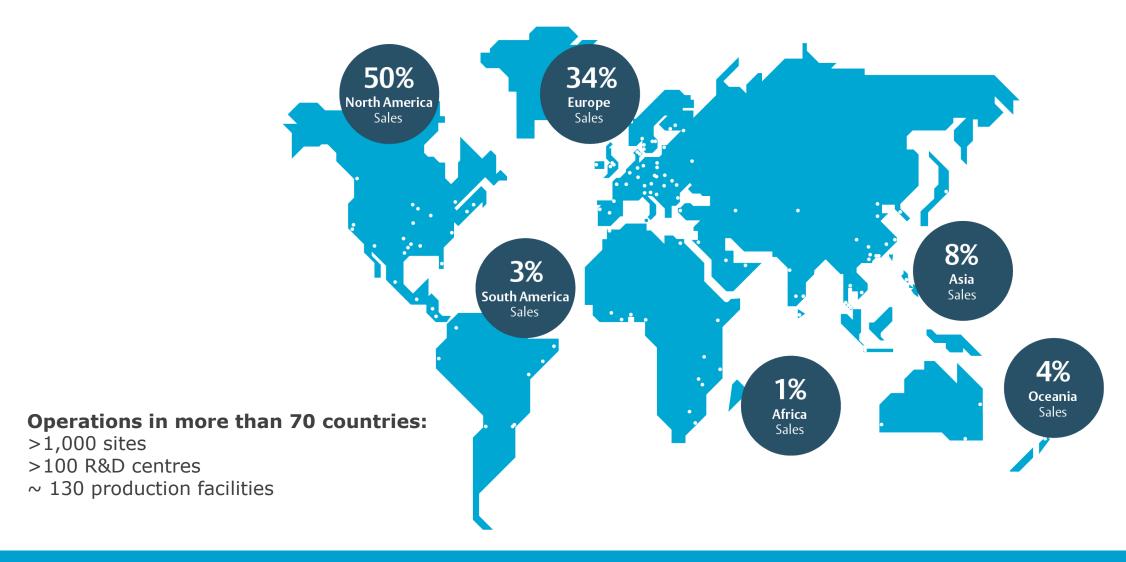








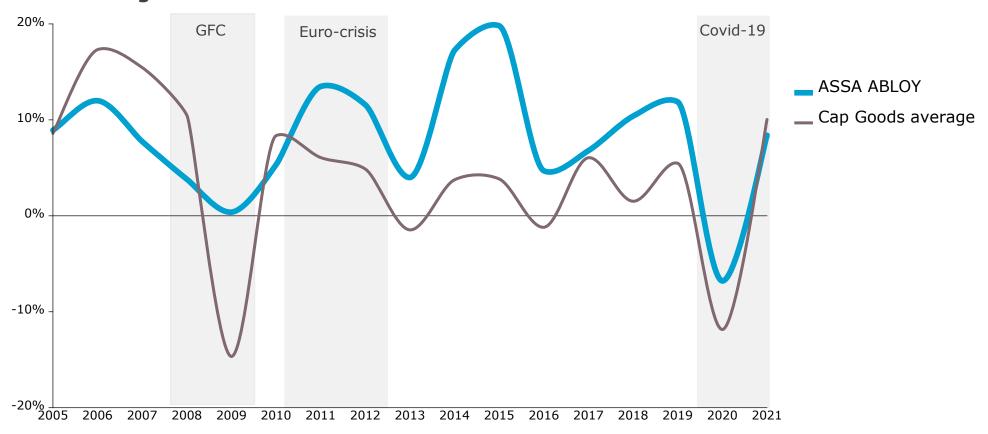
We are truly global and uniquely local



10

Our business model has proven more resilient during economic downturns

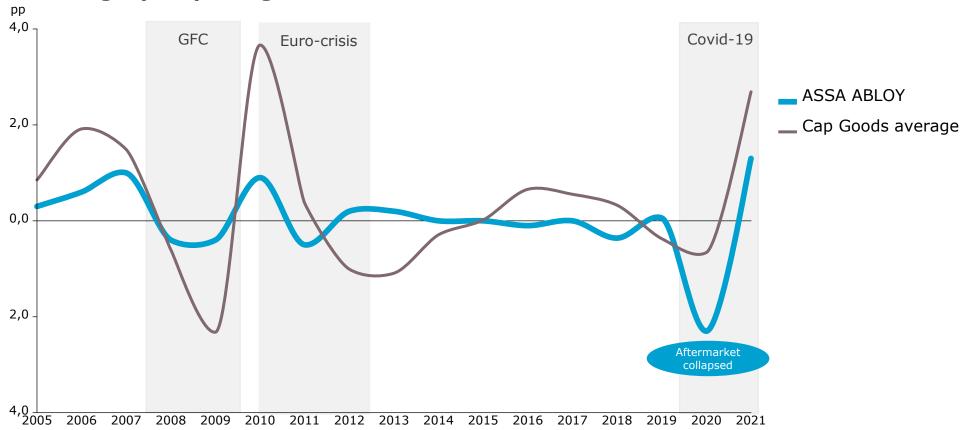
Total sales growth 2004-2021



Note: The Cap Goods average consists of 9 European capital goods companies

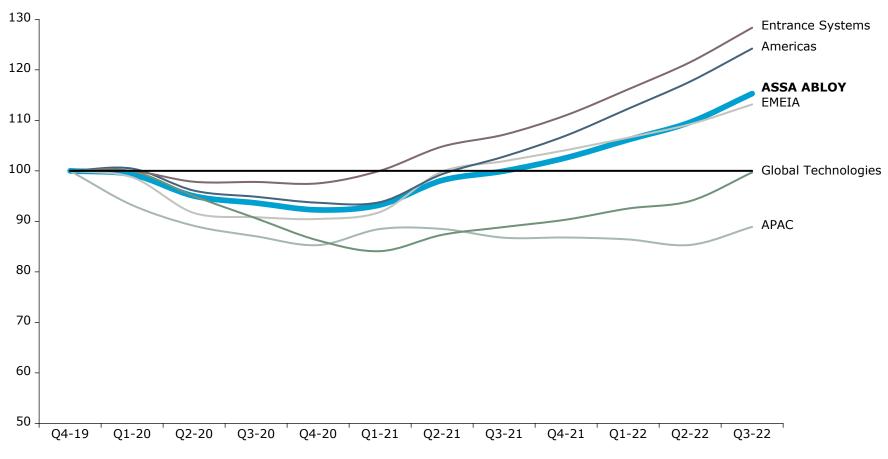
Our business model has proven more resilient during economic downturns

EBIT margin yearly change 2005-2021



Note: The Cap Goods average consists of 9 European capital goods companies. ASSA ABLOY's EBIT-margin excludes China write-downs, MFP and positive revaluation of agta record

Three out of five divisions are back and above pre-pandemic levels



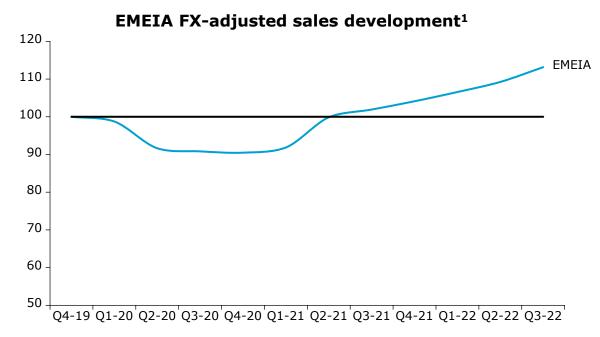
EMEIA

Market performance

- Weaker residential demand in certain markets
- Emerging markets growing strongly
- Higher inflation
- More volatile market conditions

What we are most excited about

- Continued shift to electromechanical and digital
- Opportunities with cloud-based solutions
- Green building standards opening new possibilities



*) Note: FX-adjusted and restated (excl. M&A) sales on a R12M-basis. R12M Sales Q4 2019 = Index 100

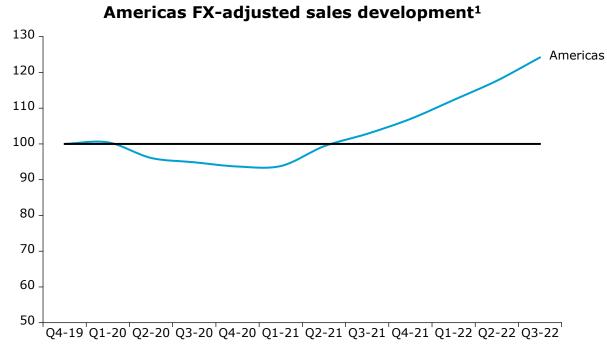
Americas

Market performance

- Strong non-residential activity level in the US
- Good residential activity level in the US
- Normalized growth in Latin America
- Higher inflation

What we are most excited about

- Software/hardware bundling
- eCommerce delivery
- HHI



*) Note: FX-adjusted and restated (excl. M&A) sales on a R12M-basis. R12M Sales Q4 2019 = Index 100

APAC

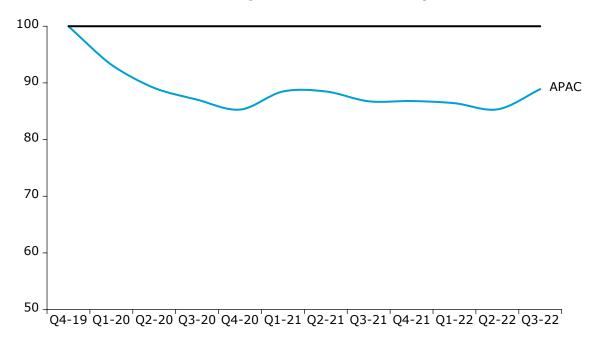
Market performance

- China construction market continues to decline
- Solid activity in Pacific
- Recovery in South East Asian markets
- Smart residential is gaining traction in Pacific

What we are most excited about

- Product pipeline in smart residential
- Commercial opportunities in China
- Recent acquisitions

APAC FX-adjusted sales development¹



^{*)} Note: FX-adjusted and restated (excl. M&A) sales on a R12M-basis. R12M Sales Q4 2019 = Index 100

Global Technologies

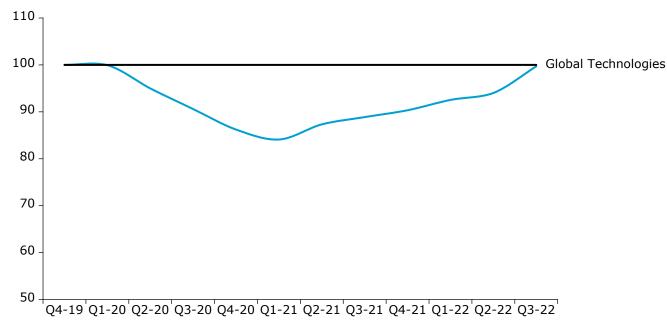
Market performance

- Mobility back to pre-pandemic levels
- Hospitality and Citizen ID not back yet
- Component shortages pressure is easing

What we are most excited about

- The shift from mechanical to electromechanical and digital
- Lead the shift to mobile
- Our solution provisioning in our new verticals

Global Technologies FX-adjusted sales development¹



^{*)} Note: FX-adjusted and restated (excl. M&A) sales on a R12M-basis. R12M Sales Q4 2019 = Index 100

Entrance Systems

Market performance

- Continued positive market environment in North America
- Higher inflation

What we are most excited about

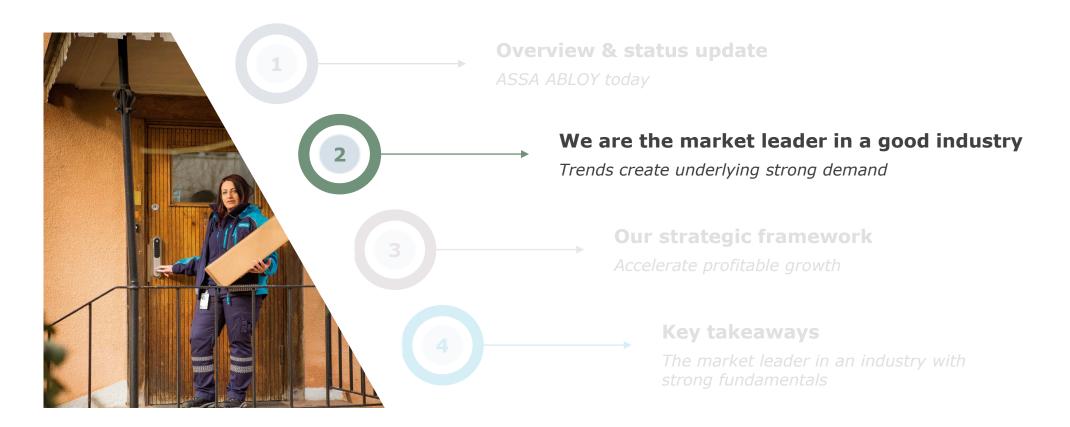
- Service growth
- Recent acquisitions
- Many efficiency opportunities still to be captured

Entrance Systems FX-adjusted sales development¹ 130 120 110 100 90 80 70 60 50 04-19 01-20 02-20 03-20 04-20 01-21 02-21 03-21 04-21 01-22 02-22 03-22

18

^{*)} Note: FX-adjusted and restated (excl. M&A) sales on a R12M-basis. R12M Sales Q4 2019 = Index 100

Presentation outline

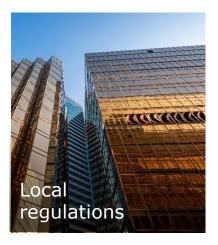










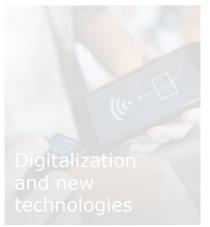




Trends create underlying strong demand











- In a world with a high perception of uncertainty, the demand for safety and security is increasing
- Drivers include
 - Robustness, resilience and reliability
 - Extreme weather protection
 - Pandemic safe & touchless
 - Terror, active shooters and riots





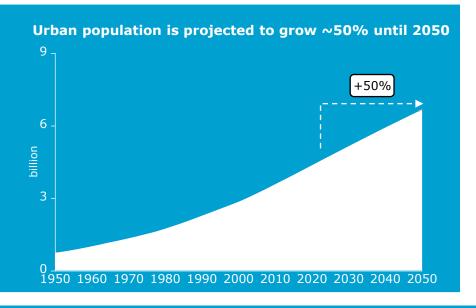








- Movement of people and demographic change create demand for buildings and access solutions
 - Urbanization in emerging markets
 - De-urbanization in certain developed markets
 - Megacities & smart cities
 - Migration
 - An ageing population
 - Millennials



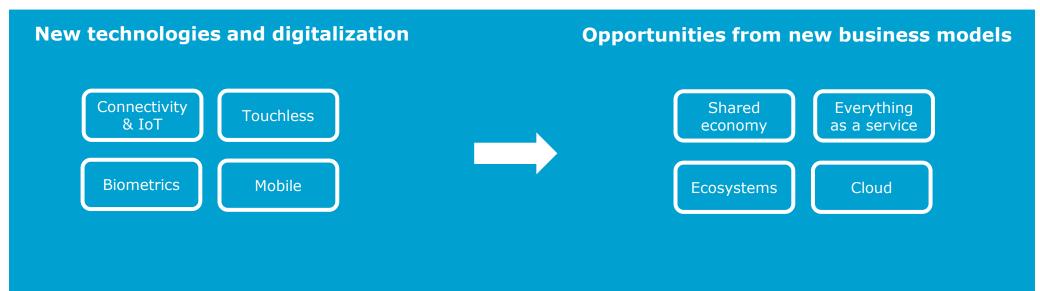






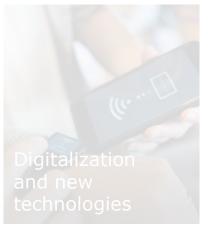


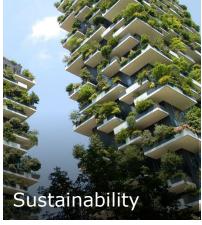














Demand

Customers are increasingly looking for sustainable solutions

Regulation

Regulation is increasing for more energy-efficient buildings and access solutions

Accelerated demand for green buildings and access systems

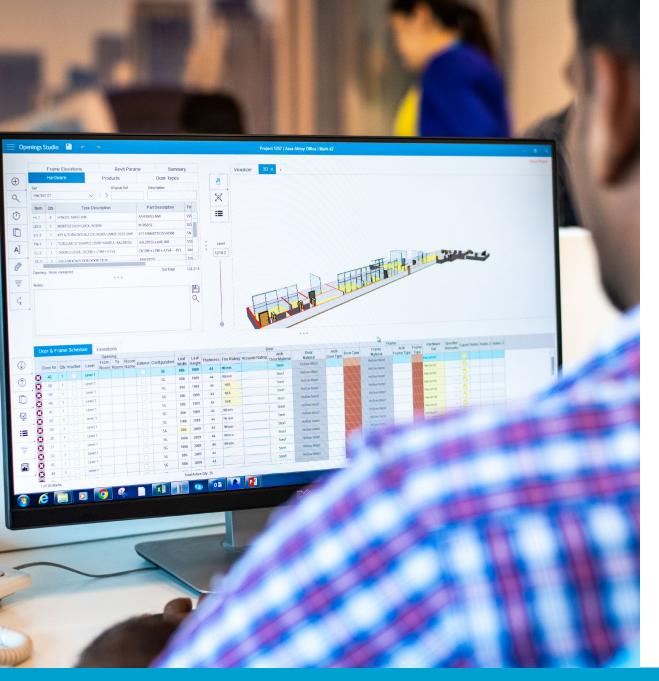


Demand for green specification growing

- Dedicated team of close to 200 specialists in EMEIA
- Specification projects increase by 150% in last two years
- Value of green openings up to 25% higher
- Developed process and methodologies for our products to support growing demand







We use Openings Studio for green specifications

Openings Studio

- State-of-the-art BIM enabled information sharing solution
- Creates and visualizes openings
- Enables customisation of access solutions and green building requirements
- Provides seamless updates and changes to projects

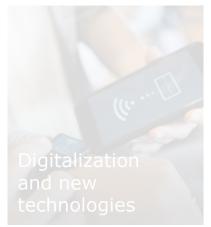
ASSA ABLOY Middle East











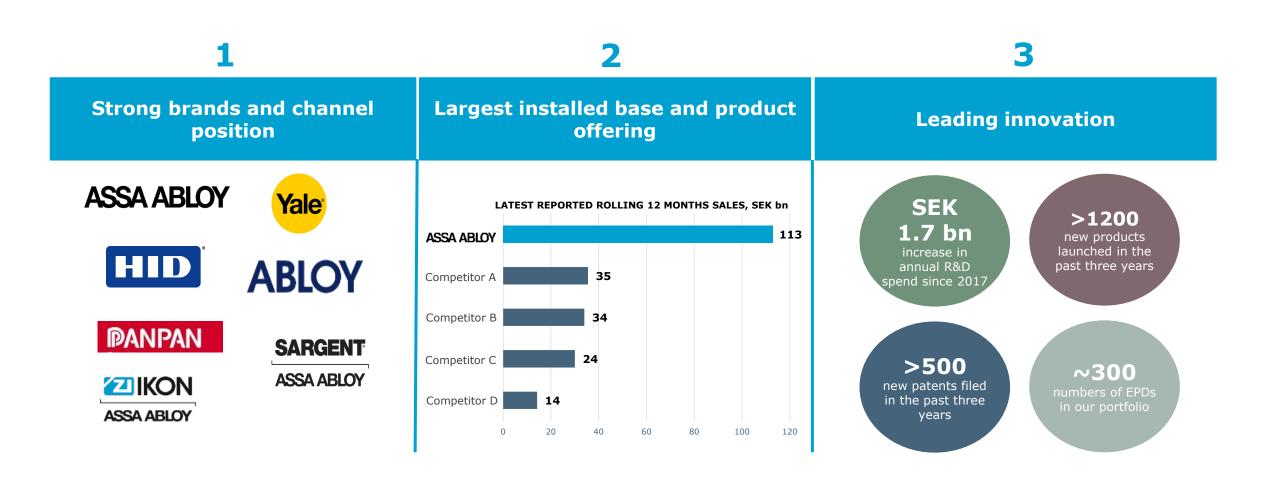




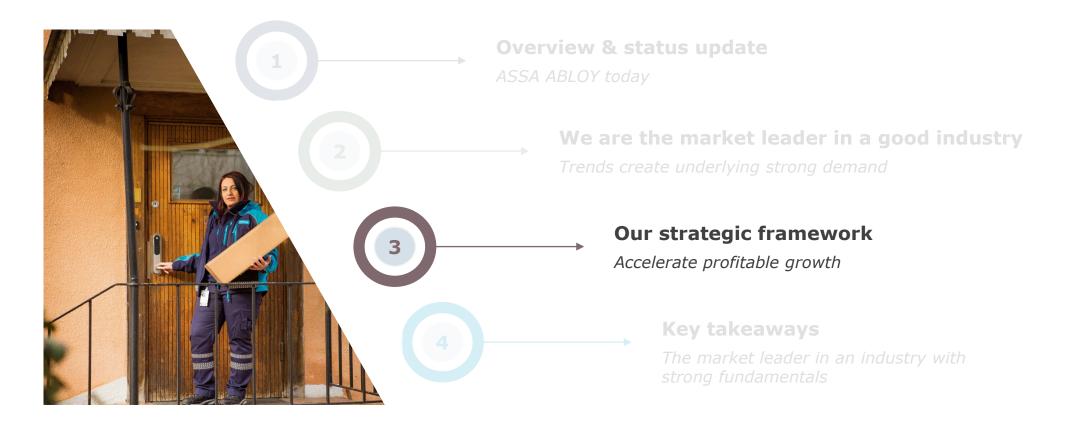
- Local markets' regulations, standards and requirements are constantly changing and are often different from market to market
- This creates
 - Local entry barriers
 - Demand for upgrading to compliant access solutions
 - Strong local customer relations



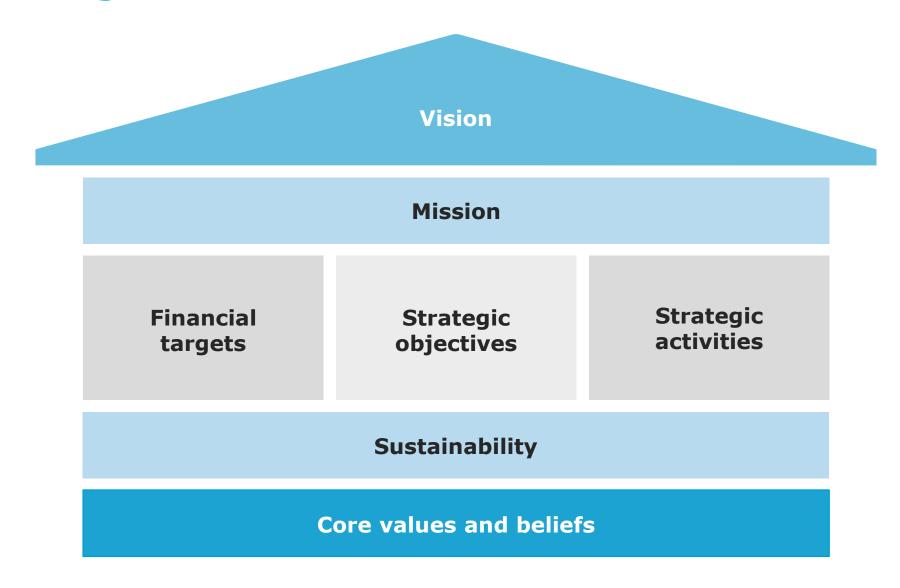
Where we are the clear market leader



Presentation outline



Our strategic framework



Experience a safer and more open world





Vision

To be the global leader in providing innovative access solutions that help people feel safe and secure so that they can experience a more open world



Mission

- Build sustainable shareholder value
- Provide added value to our customers, partners and end-users
- Be a world-leading organization where people succeed
- Conduct business in an ethical, compliant and sustainable way



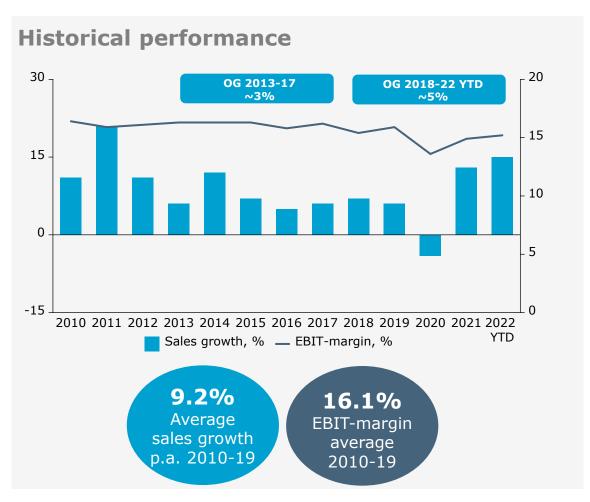
Core values and beliefs

- Empowerment We have trust in people
- Innovation We have the courage to change
- Integrity We stand up for what is right



Financial targets are ambitious but achievable







Strategic objectives

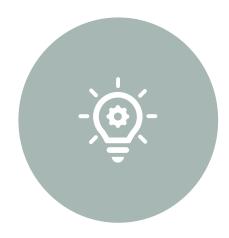


Growth through customer relevance



We believe that continued profitable growth starts with understanding our customers.

Product leadership through innovation



Innovation is an enabler for everything we do and is the most important driver for our organic growth.

Cost-efficiency in everything we do



Realized savings from improved efficiency can be invested in innovation and activities that accelerate our growth.

Evolution through people



Developing our people is how we secure our future success and growth.



Growth through customer relevance



Market insight and segmentation



Customer experience



Price Management



Demand generation



Branding



E-Business



Product management



Sales Excellence





Product leadership through innovation





Design to value















Product leadership through innovation

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Mission

Cial Strategic objectives Strate

Suctainabilit

Core values and beliefs

We transform customer needs into organic growth

- Megatrends accelerate market shifts and create new customer needs
- We use innovation and new technologies to capture these needs

We provide innovative access solutions

- We explore technologies like energy harvesting, connectivity, seamless access and data analytics
- We drive the next leap in smart home access (e.g. Matter)
- We partner with tech giants to deliver mobile access
- We collaborate with industry peers to develop the next generation of seamless access





>1,200

products launched during the last three years

>500

patents filed during the last three years

~4%

R&D costs as % of revenues

























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Efficient manufacturing footprint

- Constant need to target savings and find synergies
- 8 programs launched since 2006 with annual savings of ~SEK 6 bn
- MFP 9 to be launched during Q1 2023





MFP - EMEIA example

Project details

- Production from 12 countries consolidated into ASSA ABLOY Rychnov site
- Created a Centre of Excellence for cylinders and elmech locks
- Production running 24/7 compared to 1-2 shifts in original factories

Key benefits generated

- Labour efficiency (produced cylinders per HC) increased 5x
- Economy of scale benefits for material sourcing, components production and support functions
- R&D and Production in the same place, leading to around 30% increase in key technologies utilization
- Connected machines, on-line tracking of performance and strong focus on productivity improvements













Efficient manufacturing footprint

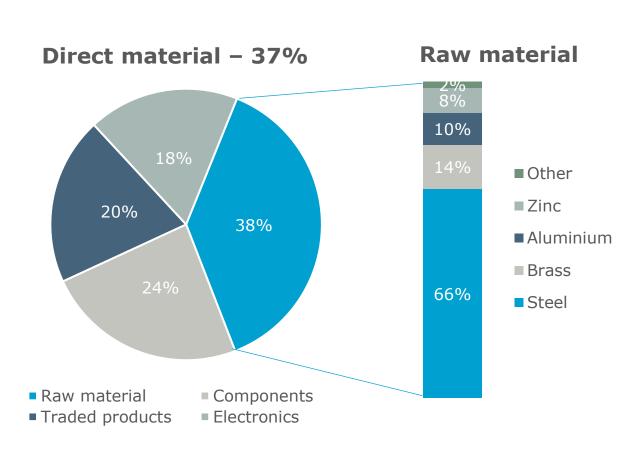
- Constant need to target savings and find synergies
- 8 programs launched since 2006 with annual savings of ~SEK 6 bn
- MFP 9 to be launched during Q1 2023



- Decentralized/local sourcing allows us to act fast and proactively
- Cross-divisional collaborations increase our bargaining power
- Holistic approach from sourcing to customer pricing













Efficient manufacturing footprint



- Constant need to target savings and find synergies
- 8 programs launched since 2006 with annual savings of ~SEK 6 bn
- MFP 9 to be launched during Q1 2023

Professional sourcing



- Decentralized/local sourcing allows us to act fast and proactively
- Cross-divisional collaborations increase our bargaining power
- Holistic approach from sourcing to customer pricing

Logistics and supply chain



- Kept industry-leading lead-times despite global supply chain issues
- Increased internal collaboration to address supply chain issues
- Further optimize the global supply chain

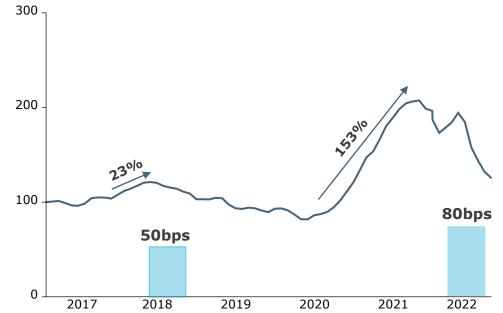




Resilient business model and margin

- Large and robust aftermarket business
- The sticky service and SaaS-businesses are continuing to grow
- Decentralized operating model enables us to move fast
- Constantly exploring ways to increase the efficiency in our operations

ASSA ABLOY weighted raw material index and peak headwinds



Resilient margins during economic downturns 18 16 14 12 10 8 6 4 2 2 0 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021



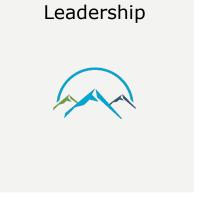
Evolution through people

















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Leadership summit 2022





Evolution through people

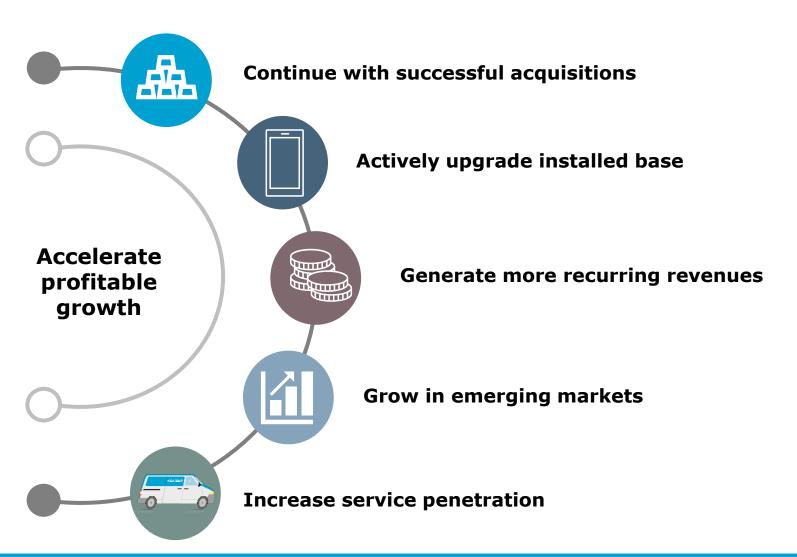


Common culture	Health and Safety	Diversity and Inclusion	Talent Management
A decentralized organization with a common culture	The health and safety of our employees is a top priority	An inclusive workplace	Attract, develop, and retain talent are key for our success
HowTogether we - cultural journeyCore values & believes	HowEstablish risk-based approachWell-being and "Together we are safe" programs	 How Diversity and inclusion are embedded in our culture Female role models and success stories 	HowSuccession planning and internal mobilityInternal talent acquisition
Together we	-20% reduced injuries since 2019	32 nationalities in leading positions 27% females in leading positions	+25% increase in internal applications since 2017

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Strategic activities to accelerate profitable growth





Growth enablers



Consolidate footprint and focus on value added



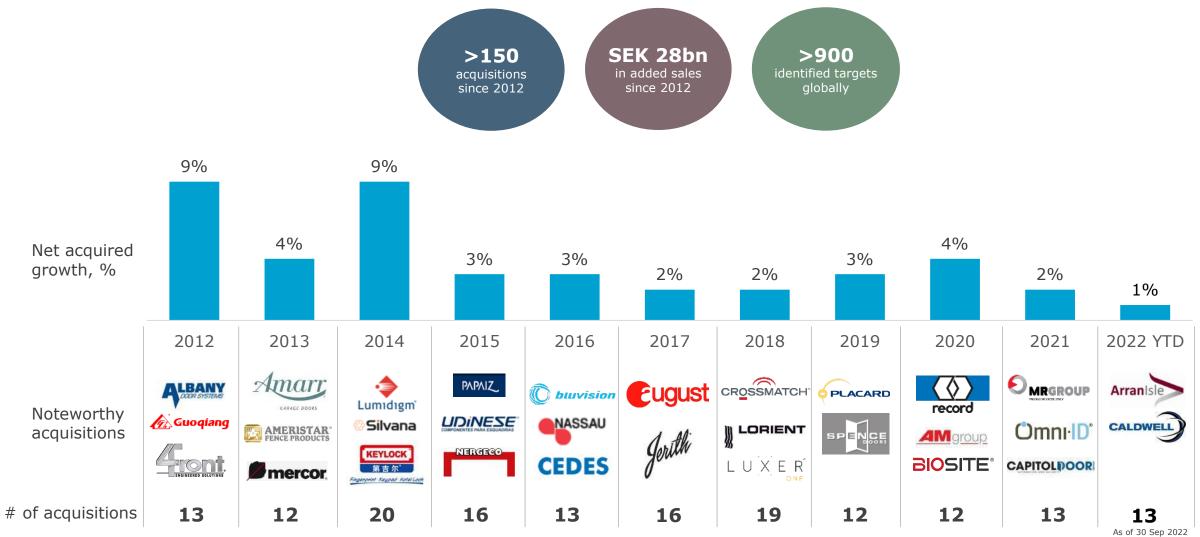
Optimize logistics



Reduce product cost











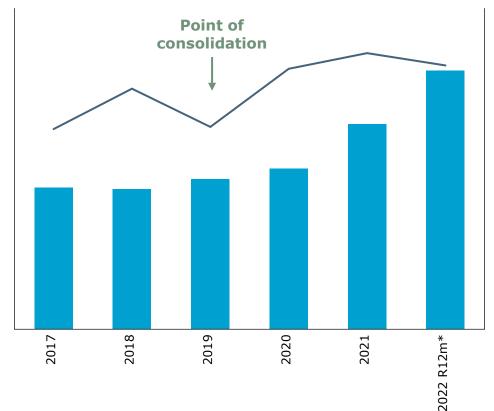
Sales

EBIT-margin



- Acquired in 2019
- A leading provider of RFID components based in Czech Republic
- Acquisition rationale:
 - Enhanced our position within smart components
 - Flexible manufacturing model, capable of efficiently addressing smaller volume orders
 - Strategically expanded our presence in Central and Eastern Europe
- Sales and operating profit have improved significantly more than the group average

FX-adjusted sales growth and EBIT-margin



* As of 30 Sep 2022

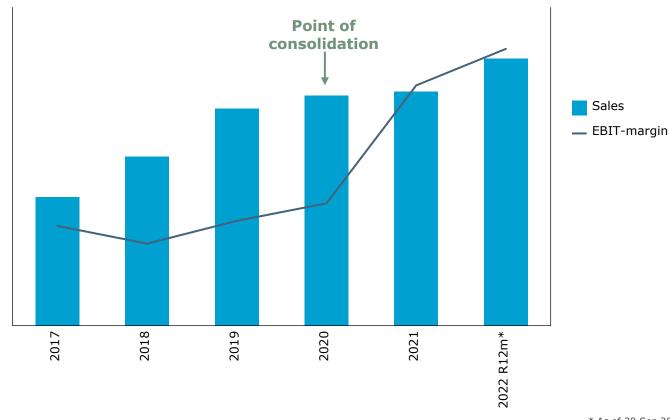




BIOSITE®

- Acquired in 2020
- A leading solutions provider of biometric access control to the construction industry
- Acquisition rationale:
 - True solutions provider to the construction market
 - High share of recurring revenue
 - Synergies on technology and hardware as well as sales synergies
- Strong sales growth and step-change of the operating margin

FX-adjusted sales growth and EBIT-margin

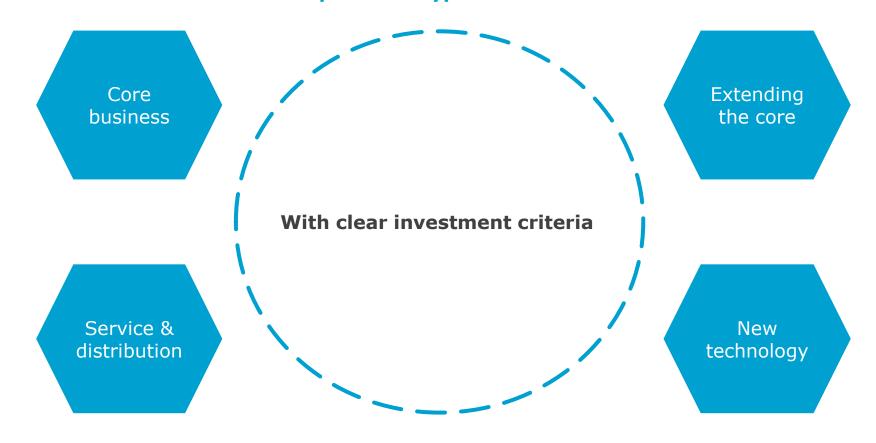


* As of 30 Sep 2022





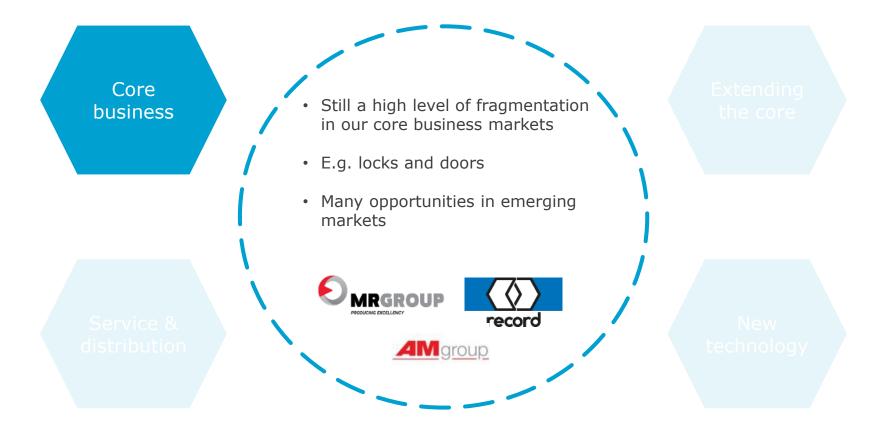
We acquire four types of businesses







We acquire four types of businesses







We acquire four types of businesses







We acquire four types of businesses







We acquire four types of businesses



M&A process





M&A and sustainability

Vision

Mission

Financial strategic objectives

Sustainability

Core values and beliefs

We raise sustainability standards for acquired companies





- Fully phased out the use of Freon as part of their door insulation process
- CO₂ emission reductions by 73%





- · H&S program & governance launched
- Implementation based on maturity Process → Behaviour → Culture



Operational excellence

- Improved materials and resource efficiency as well as working conditions
- Using lean methodologies and learnings across all of our door businesses

HHI – the strategic rationale remains valid



Concerns

Market development and performance

- Negative financial trend in HHI
- Expectations of a deterioration in the US residential market







Situation



Market development and performance

- Expected no change to HHI prospects
- Still strong long-term growth prospects in the US residential market

Financing

- Higher interest rates
- Significantly stronger USD









Financing

- Short-term effect, synergy case remains
- Financing in place no material effects

Management focus

- Distracting ASSA ABLOY's management from main operation
- HHI's operations not being optimized during the transitory period





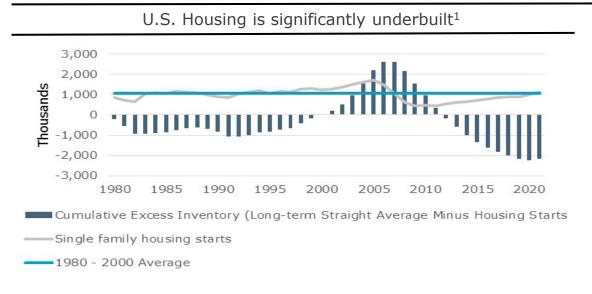




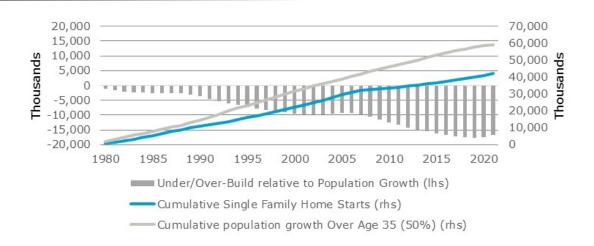
Management focus

- Small team in Americas and external lawyers focusing on the HHI process
- Experienced management team that will come over to ASSA ABLOY

US Residential: Highly Supportive Demand Backdrop

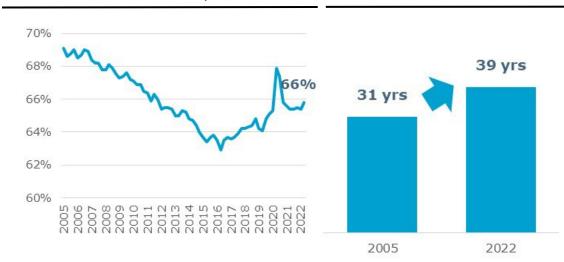


New Housing Starts Have Fallen Short of Population Growth¹

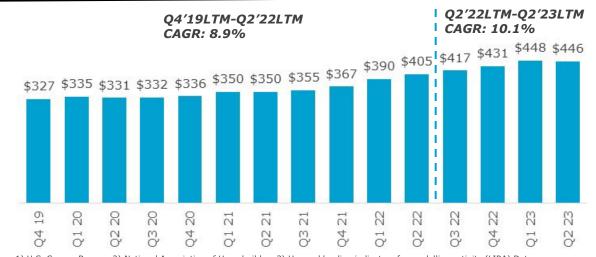


Home-Ownership Rate¹





Continued strength in R&R Activity³



Source: 1) U.S. Census Bureau. 2) National Association of Homebuilders 3) Harvard leading indicator of remodelling activity (LIRA) Data.

HHI - targeted synergies remain intact



- Increase brand equity grow premium products and take
 Kwikset to the next level
- Leverage transition to electromechanical inside buildings
- Grow sales outside of the US

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Cost synergies from HHI's manufacturing platform





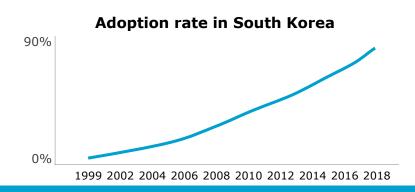


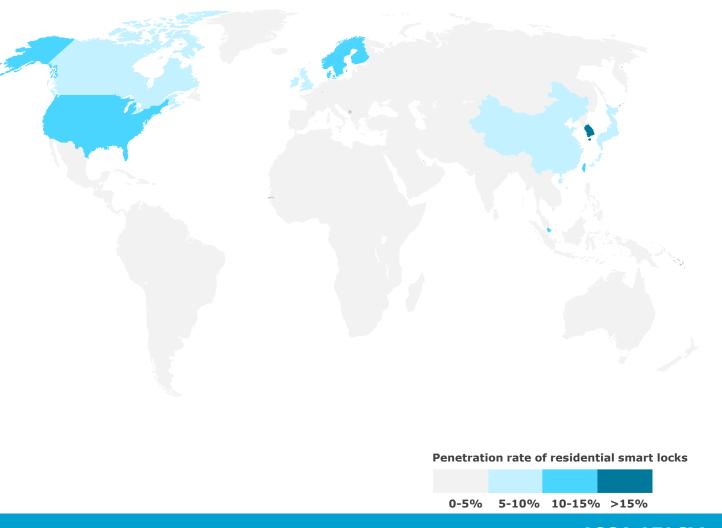


Residential

Global residential smart lock penetration rates are still very low...

- The addressable market for residential smart locks is substantial
- South Korea leads the adoption of smart locks with penetration >90%







Mission

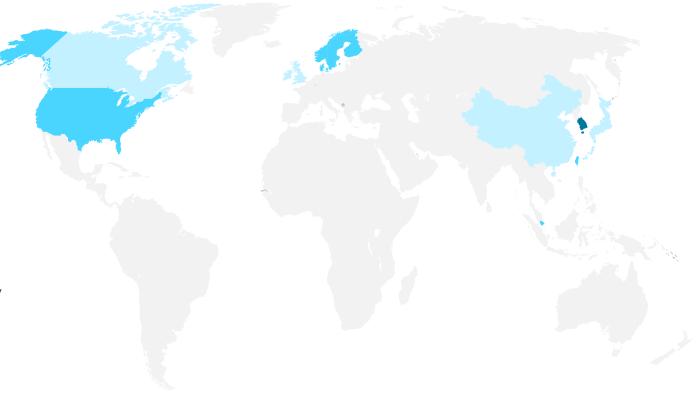
Financial targets Strategic objectives Sustainability

Core values and beliefs

Residential

...but favourable trends cater for strong growth ahead

- Millennials entering the housing market
- In-home deliveries increase rapidly, both for food and retail
- Smart locks are penetrating deeper into homes, beyond the perimeter
- Shared economy and Everything as a Service
- New features cater for shorter average lifetime
- Higher average sales price for smart locks than mechanical locks



Penetration rate of residential smart locks



Mission

Financial targets Strategic objectives Sustainability

Core values and beliefs

Non-Residential

Most non-residential end markets are still mechanical

- Perimeters of non-residential premises in mature markets are more digitalized
- Low penetration rates inside buildings
- Increasing investments to upgrade to electromechanical solutions

Education Construction



Enterprises







Non-Residential

Most non-residential end markets are still mechanical

- Perimeters of non-residential premises in mature markets are more digitalized
- Low penetration rates inside buildings
- Increasing investments to upgrade to electromechanical solutions













Non-Residential

Strong growth drivers for digital access control in the education space



We offer total solutions for education facilities



Mobile access, access control, visitor management, printing, payment etc.

ASSA ABLOY

Entrance Systems

Sliding doors, revolving doors, fencing

ASSA ABLOY

Opening Solutions

Package delivery, wave-toopen switches, electric strikes, panic devices etc.

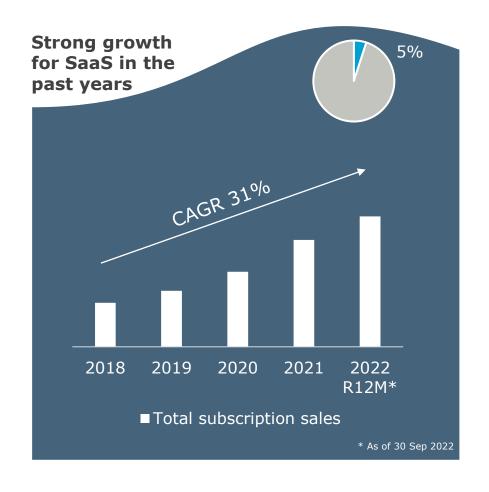
Generate more recurring revenues

Mission

Financial strategic objectives

Sustainability

Core values and beliefs



But still significant opportunities ahead



- Mobile keys & credentials
- Identity access management
- Data, hosting & cloud solutions
- Last-mile delivery
- Connected automatic doors
- Access control management



Generate more recurring revenues

Strategic

LUXER

- Acquired in 2018
- An advanced US package locker solutions provider helping to solve last-mile delivery challenges
- Package volumes continue to grow every year
- A very resilient business recurring revenue accounts for ~40% of sales and is growing double digit per annum



End markets and use cases



University

IT equipment repair services, library exchange, safe storage



Employee package management, IT repair and asset exchange, central package destination for multi-tenant office buildings



Multi-family

Package delivery, manager software, video surveillance, outbound shipping



Retail

Contactless pickup and returns for traditional retail and grocery stores



Grow in emerging markets

Mission

Financial targets Strategic objectives Sustainability

Core values and beliefs

- Emerging markets offer significant growth potential with many untapped opportunities
- We will achieve significantly higher growth through
 - A combination of organic and M&A growth
 - Launch products specifically developed for emerging markets
 - Invest in people and our organization



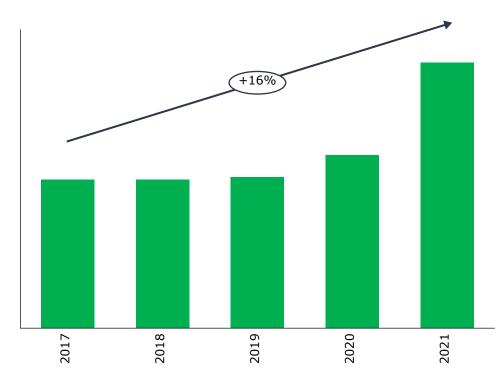


Grow in emerging markets





Brazil

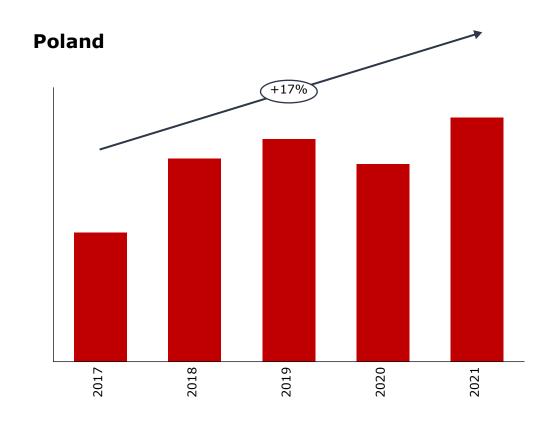


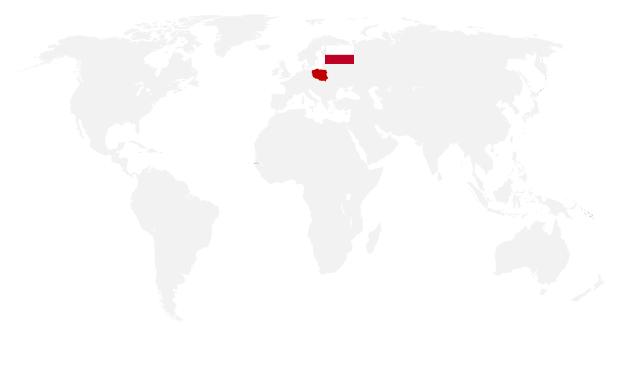




Grow in emerging markets





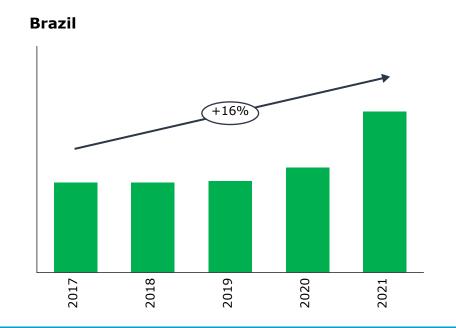


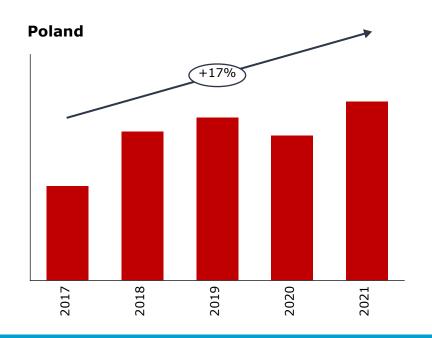
Grow in emerging markets



Common attributes for success in these markets

- Acquisitions of market leading companies in strategic product categories
- Feet on the ground strong local knowledge has enabled adaption of solutions to local needs
- Leverage local brands with ASSA ABLOY Group strength
- Channel and vertical focus







Increase service penetration

Service & Product reinforce each other

Installation Maintenance 5 Replacements **Repairs**

Modernization & upgrades



Increase service penetration

Competitive advantages

One supplier to cover all needs

Geographical coverage

Skilled service technicians



Availability of parts

Service of all types of doors and brands

Innovative technology driven service



Increase service penetration

Preventive

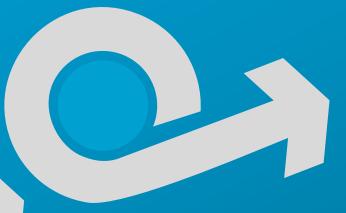
Service agreements

Renewal rate

Preventive maintenance

Long lasting relationship

Optimize



Walking with our customers on their maturity journey

Reactive



- Repairs
- First time fix

Breakdown

Time to response

- Flexible agreements
- Optimize maintenance
- Modernization
- Connected doors (IoT)
- Remote monitoring => predictive maintenance

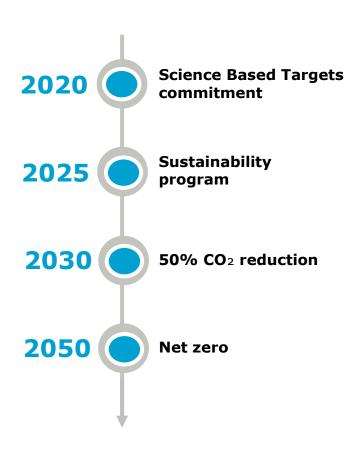
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Accelerating towards a sustainable future



- Sustainability is a natural part of who we are and how we operate
- Science Based Targets
 - We committed to set targets in 2020
 - Targets ratified in 2022



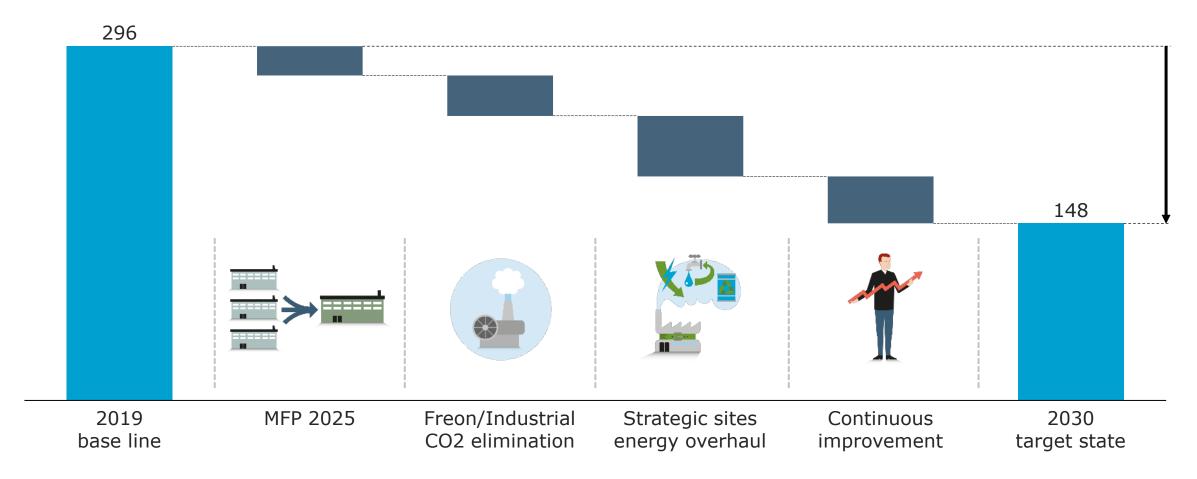


Note: Scope 1+2 = Emissions from own operations. Scope 3 = Total Value Chain emissions, excl. emissions from own operations

4-pronged approach to reduce Scope 1+2 emissions by 50% by 2030

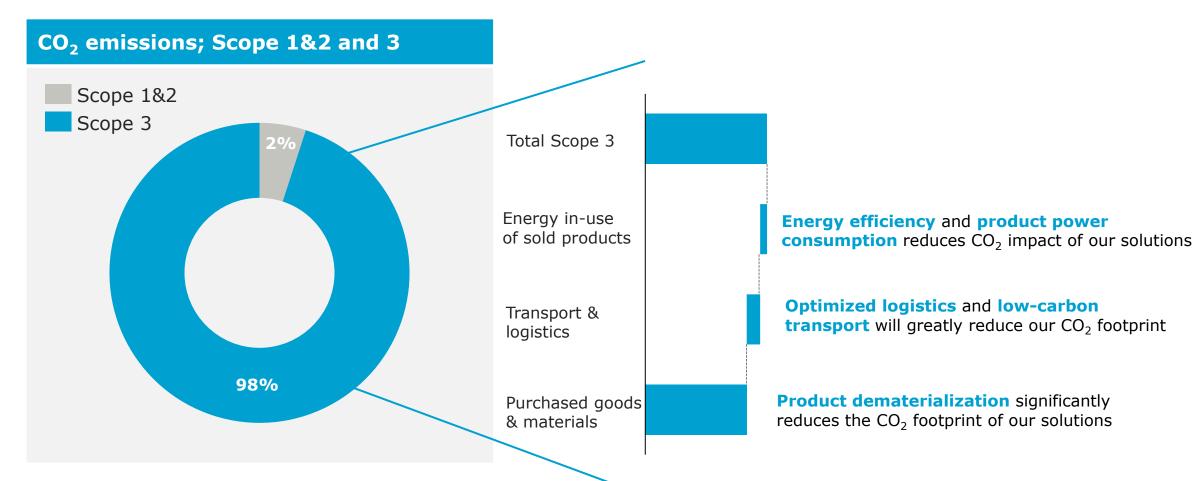


CO₂ (kTons)



Scope 3 profile and key focus areas

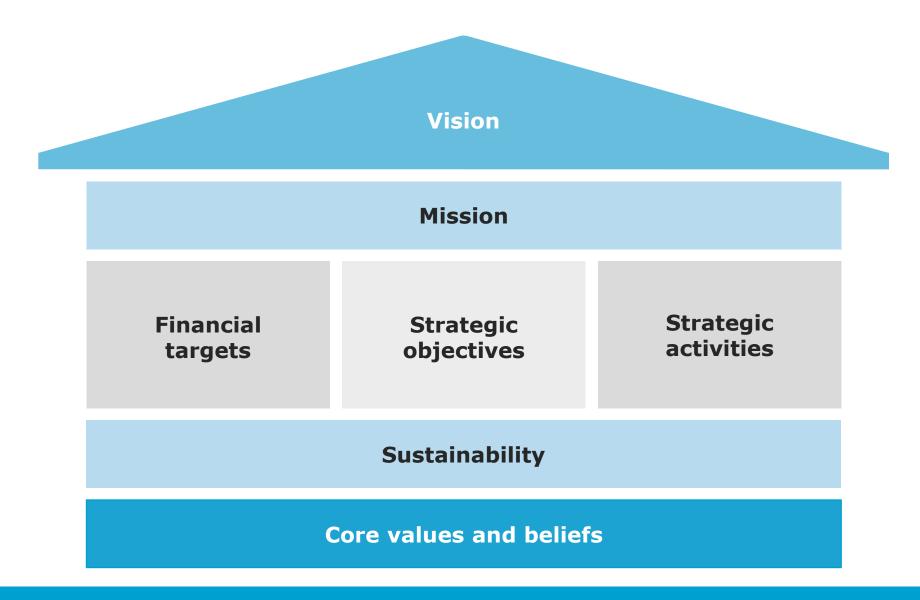




Presentation outline



Our strategy is further evolving



Reaching our goals is built on our strategic objectives

Growth through Customer relevance



Product leadership
Through
Innovation



Cost-efficiency In everything We do



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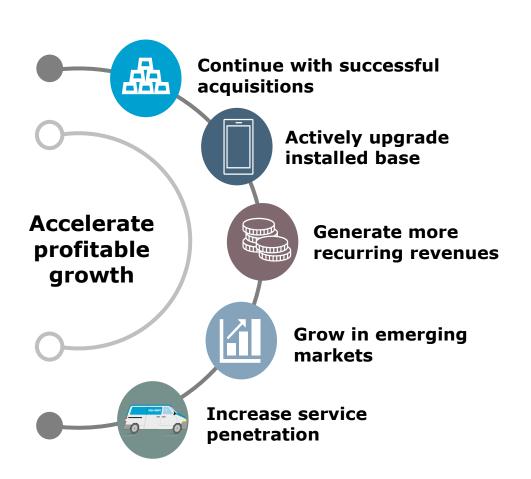
Evolution Through People



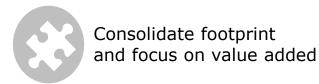
10% sales growth per annum over a business cycle

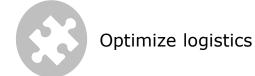
16-17%
EBIT-margin over a business cycle

Reaching our goals is built on our strategic objectives and activities

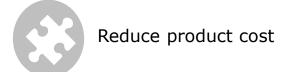


Growth enablers





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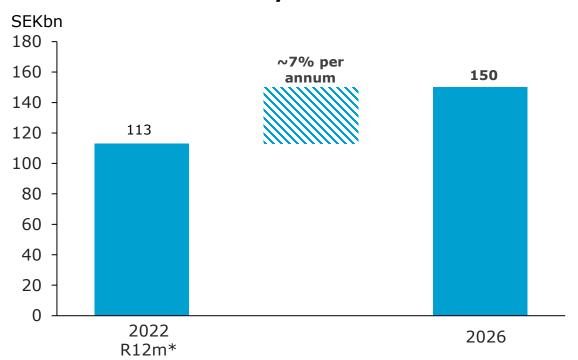


10%
sales growth per annum over a business cycle

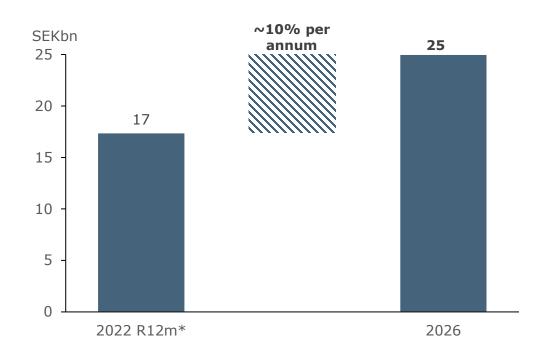


We are well on track to reach our financial targets

Sales need to increase by 33% to reach SEK 150 bn



...and operating profit by 44% to reach SEK 25bn



^{*)} Note: As of 30 September

Key takeaways





Good industry

We are the market leader in an industry with strong fundamental growth drivers



Resilient business

Agile and flexible cost base supported by a decentralized operating model



Innovation

Increased innovation efforts to enable accelerated long-term profitable growth



A sustainable future

Sustainability is not only embedded in everything we do but also an important driver for profitable growth



People

A strong team: Our most important asset

