



## Important information – disclaimer

### **Cautionary note regarding forward looking statements**

Statements included in this presentation that are not historical facts (including any statements concerning investment objectives, other plans and objectives of management for future operations or economic performance, or assumptions or forecasts related thereto) are forward-looking statements. These statements are only predictions and are not guarantees. Actual events or the results of our operations could differ materially from those expressed or implied in the forward-looking statements. Forward-looking statements are typically identified by the use of terms such as "may", "will", "should", "expect", "could", "intend", "plan", "anticipate", "estimate", "believe", "continue", "predict", "potential" or the negative of such terms and other comparable terminology.

The forward-looking statements are based upon our current expectations, plans, estimates, assumptions and beliefs that involve numerous risks and uncertainties. Assumptions relating to the foregoing involve judgments with respect to, among other things, future economic, competitive and market conditions and future business decisions, all of which are difficult or impossible to predict accurately and many of which are beyond our control. Although we believe that the expectations reflected in such forward-looking statements are based on reasonable assumptions, our actual results and performance could differ materially from those set forth in the forward-looking statements.





# Our program for today

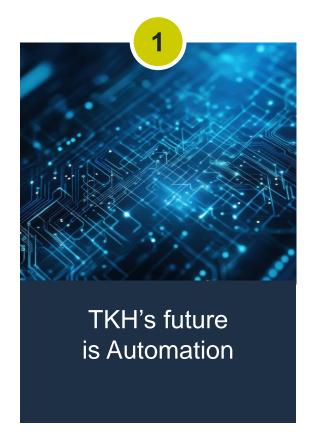
| > 14:00        | Capitalize & Execute 2028                   | Alexander van der Lof, CEO                |
|----------------|---|---|
| <b>)</b> 14:30 | Automation                                  |   |
|                | TKH's future in Automation                  | Harm Voortman, Member Executive Board     |
|                | Capitalize & Execute Tire Building          | Jeroen Slobbe, COO Tire Building          |
|                | Capitalize & Execute Vision                 | Mark Radford, CEO Machine Vision          |
| > 15:20        | Break *                                     |   |
| > 15:40        | Electrification                             |   |
|                | Capitalize & Execute On- & Offshore         | Walter Heerts, Managing Director Offshore |
|                | including update Eemshaven                  |   |
| > 16:10        | Execute 2028 Disciplined capital allocation | Elling de Lange, CFO                      |
| > 16:35        | Q&A   |   |
| > 17:20        | Closing                                     |   |
|                | * No live stream available                  |   |

**SMART** TECHNOLOGIES **<** 

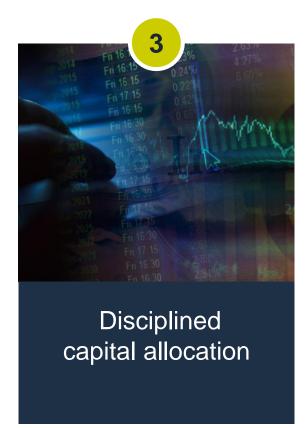




# **Key messages**







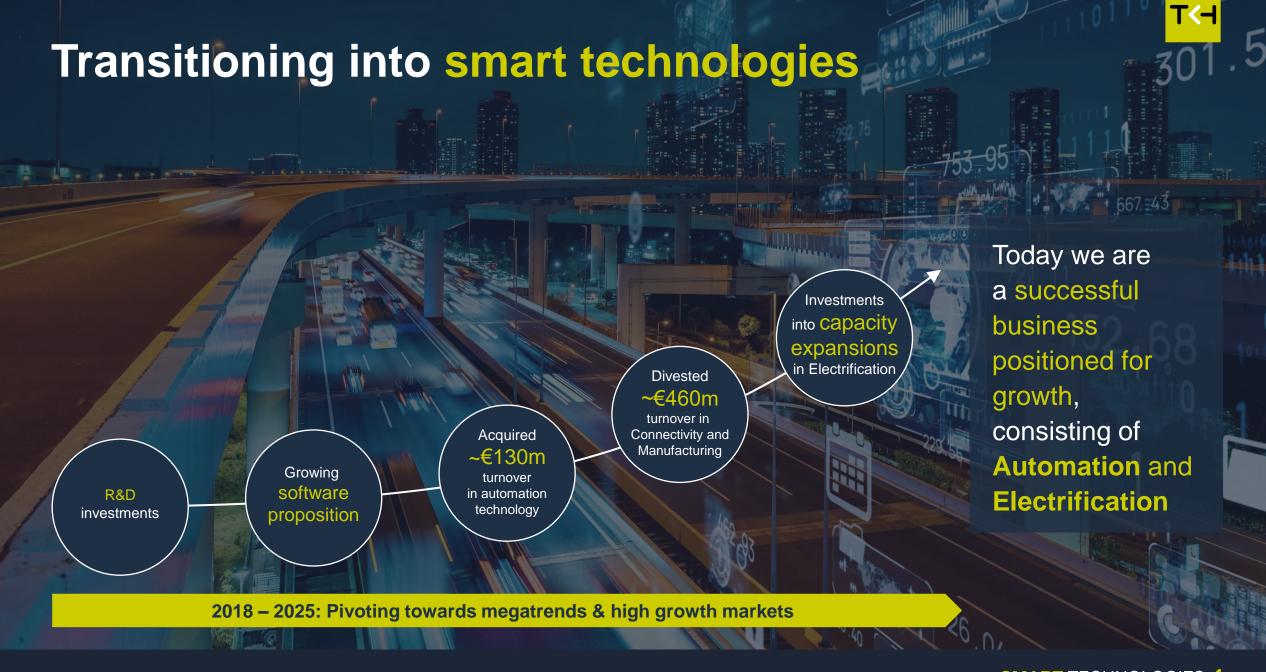


Next phase of value creation: Capitalize & Execute 2028



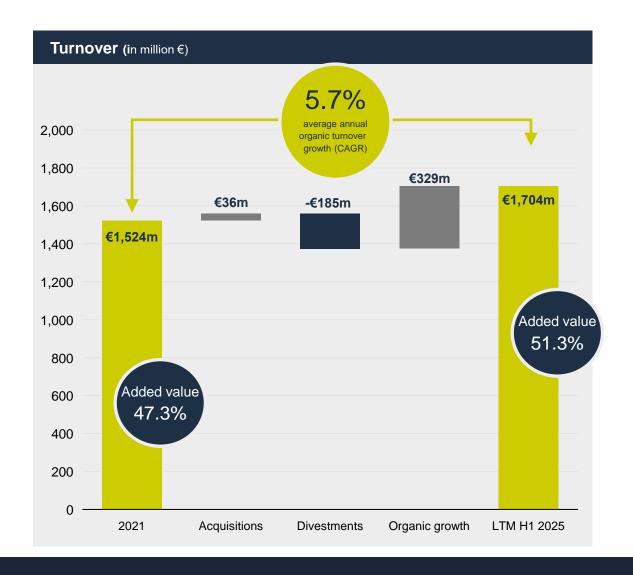
# Transitioning into smart technologies

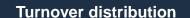
## Simplify Accelerate **Simplify TKH's structure Accelerate growth** Creation 2021 - 2025 2018 - 2021 Three core technologies Integrated solutions Shaped around megatrends Automation, Shaped around growth markets **Electrification & Digitalization**

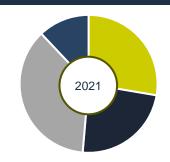




## Recap 'Accelerate 2025'







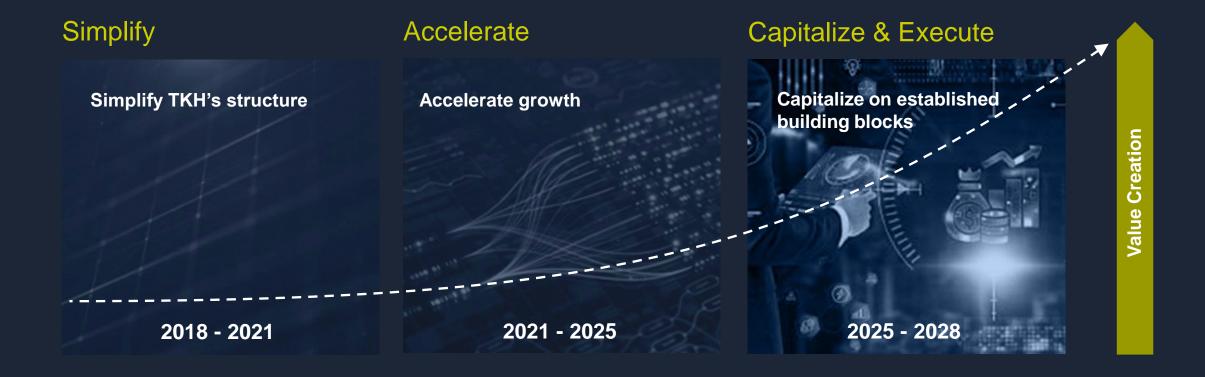
- Smart Vision systems
- Smart Manufacturing systems
- Smart Connectivity systems
- Divestments



- Smart Vision systems
- Smart Manufacturing systems
- Smart Connectivity systems
- Divestments

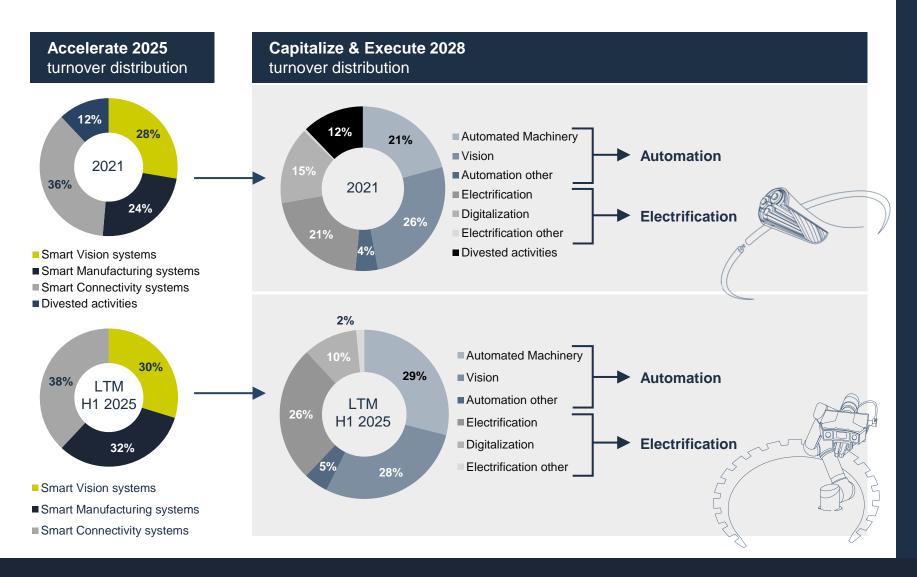
'Accelerate 2025' has contributed to stronger focus on activities with higher organic growth and added value – effects on ROS not fully visible due to prolonged ramp-up costs of Strategic Capex program

# Capitalize & Execute 2028





# Transition to new segments



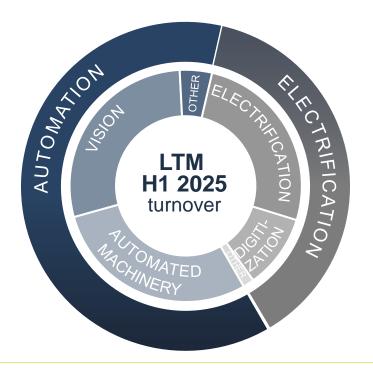
TKH introduces the new segments **Automation** and Electrification



# TKH's future is Automation

## **Automation**

- Asset light, technology driven
- Multiple end-markets
- Global
- Scalability
- Strong organic value creation potential



## **Electrification**

- · Capital intensive, capacity driven
- Offshore market dynamics
- Regional
- Investments for future scaling

Limited synergies

Different valuations

Highest long-term value creation potential in Automation

TKH's future is **Automation** 

Alternative future ownership for Electrification



Enhanced clarity and focus



Higher operational flexibility



Improved financial transparency



Capital structure to invest in growth



## Capitalize & execute Automation

## **Drivers**

Global trends support growing demand

Labour shortages

Higher productivity levels

**Increased** need for reliability

High levels accuracy





## Our leading technologies

- Vision technologies
- Advanced manufacturing systems
- Al and software



## **Our leading positions**

- Close customer partnerships and relationships
- Market leadership in most segments
- Global presence





## **Optimization**

Integrations, synergies and portfolio rationalizations



## **Autonomous production**

Enlarge solution offering by taking full advantage of our building blocks



# Capitalize & execute Electrification

## **Drivers**

Global trends support growing demand

**Climate change** 

**Scarcity natural** resources

**Bottleneck in** energy infrastructure

Offshore wind market to grow 13x to 2050





## Our leading capabilities

- Onshore: unmatched services
- Offshore: unique dry design
- Sustainability proposition



#### Our strong positioning

- Onshore: dominating position in Benelux with local footprint, long-term contract
- Offshore: market leader Western Europe





### **High utilization**

Utilize expanded capacity



#### **Optimization**

Yield improvements in operations



## **Execution**

Execute on separation of electrification

Material steps expected in 12 to 18 months

Execute on portfolio optimization

A further €250m of non-core activities to be divested

Bolt on acquisition in Automation

Focus on cash flow generation

Disciplined capex spend

Working capital management

Disciplined capital allocation

Clear priorities

## **Execution with clear priorities**

25 September 2025



## Disciplined capital allocation

## Cash flows will be used to:

# Capital expenditures in automation

For organic growth

No major capex: building blocks in place to grow

## **>**

Bolt-on acquisition in automation

To grow capabilities in autonomous production & geographical expansion



Dividends to shareholders

Pay-out ratio of 40 - 70% of normalized net profit

Dividend yield of 3.0%

Share buy-back

Subject to debt leverage remaining < 2.0



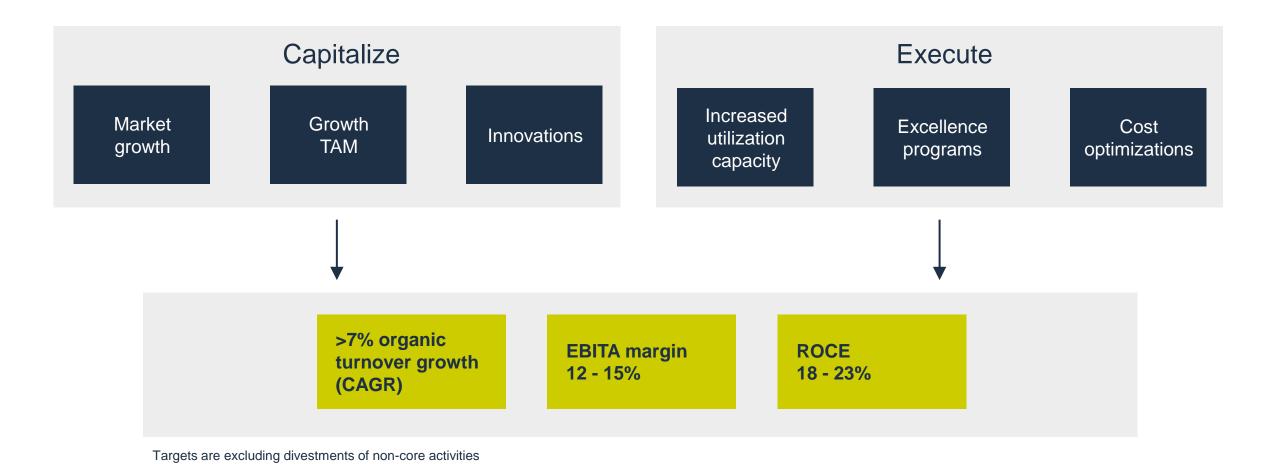
# Automation capitalize & execute 2028



TKH Group NV Capital Markets Day 2025 25 September 2025 SMART TECHNOLOGIES < 17



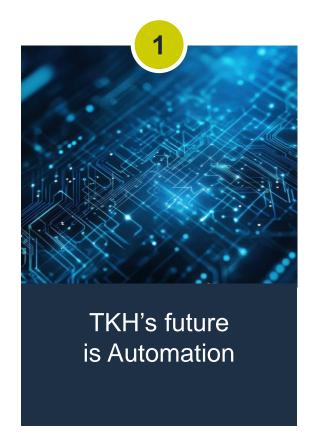
# Electrification capitalize & execute 2028

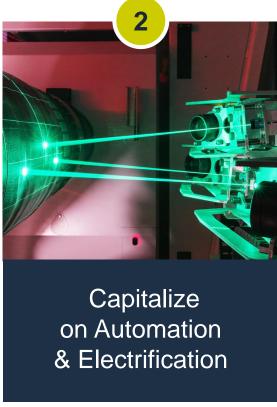


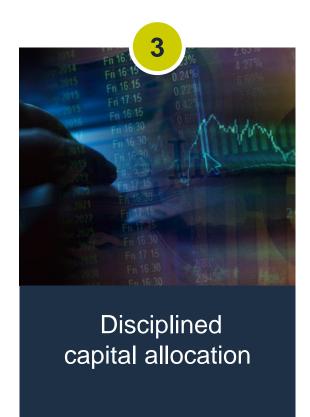
TKH Group NV Capital Markets Day 2025 25 September 2025 SMART TECHNOLOGIES < 18



# **Key messages**









Next phase of value creation: Capitalize & Execute 2028



# Automation

Three pillars, one vision:
TKH's organizational blueprint for autonomy

TKH Capital Markets Day 25 September 2025

Harm Voortman, Member Executive Board





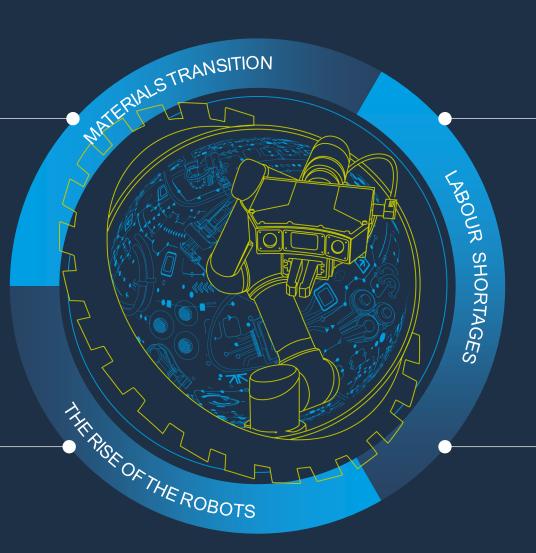
# Addressing the strategic shifts

30%

Rise in global materials demand by 2050, driven by new materials development, material substitution (net-zero emissions goals) and infrastructure growth 1

10%

The installed base of industrial robots rose by 10% in 2024 on the previous year to reach 4.28 million units worldwide 4



59%

By 2050, the share of people of working age in developed economies will fall to 59% from 67% today <sup>2</sup>

<sup>2</sup> Source: McKinsey "Dependency and depopulation? Confronting the consequences of a new demographic reality" (2025)

63%

Of employers identify skills gaps as the biggest barrier to business transformation through 2030 <sup>3</sup>

<sup>3</sup> Source: Deloitte "2025 Manufacturing Industry Outlook" (2025)

<sup>&</sup>lt;sup>1</sup> Source: World Economic Forum, "The energy transition is creating a historic materials transition" (2024)

<sup>&</sup>lt;sup>4</sup> Source: IFR World Robotics Report 2024



# Moving towards autonomous production

## Yesterday

## **Tomorrow**

Manual labor



- Human oversight
- Reactive problem-solving

Semi-automated systems

Today



- Human-machine collaboration
- Preventive maintenance

Fully autonomous operations



- Machine-led decision-making
- Predictive intelligence

- Consistency: Unwavering performance without fatigue or distraction
- Precision: Nanometer accuracy that human hands cannot achieve
- Speed: Processing thousands of variables in milliseconds
- Costs: Vast reduction of operating costs by savings on rising personnel costs
- Memory: Retaining and applying lessons from millions of production cycles
- Scalability: Operating across multiple facilities cost competitive with perfect synchronization



## **Automation: beyond human limitations**



## **Vision systems**

- Breadth of machine vision technologies
- Strong market positions
- Building on solutions approach



autonomous production systems Global market leader in autonomous tire building machines

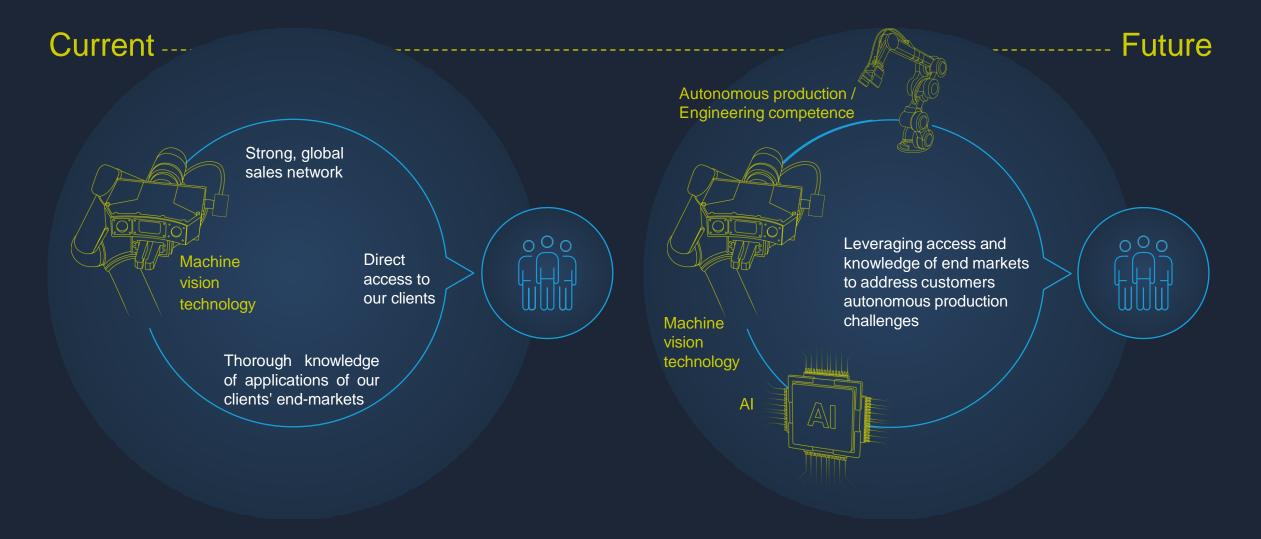


Al hub in Amsterdam and a smart software hub in Poland to accelerate innovations and developments

TKH has the building blocks in place to build one-ecosystem to meet the challenges of autonomous production

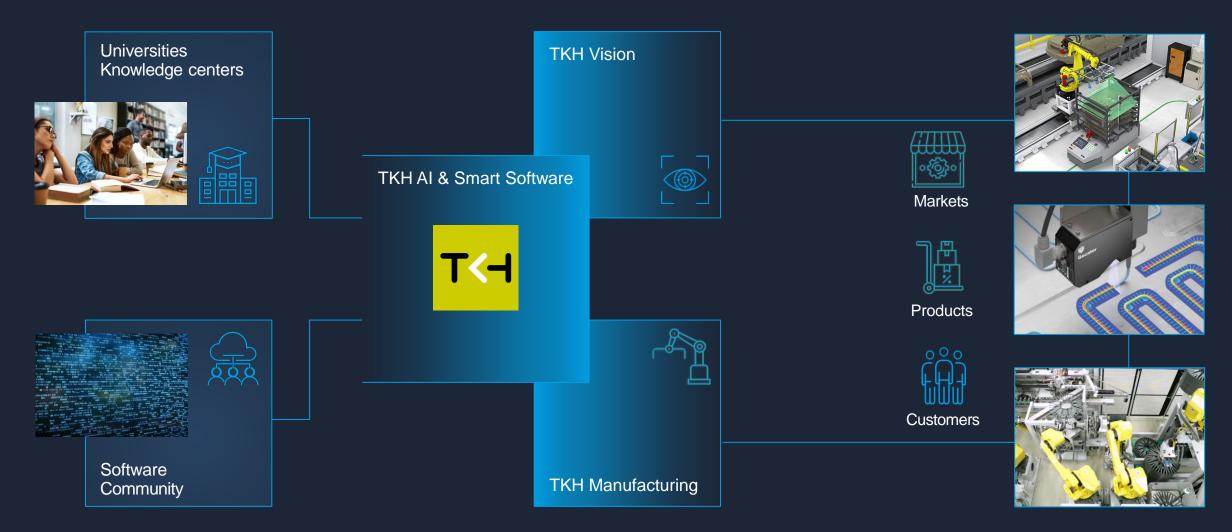


# **Combining our Core Competences**



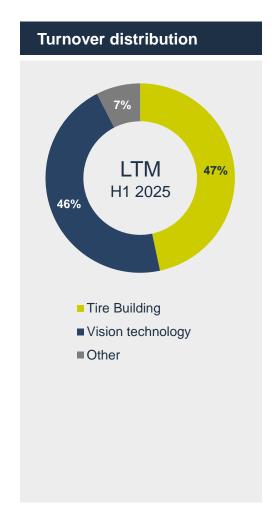


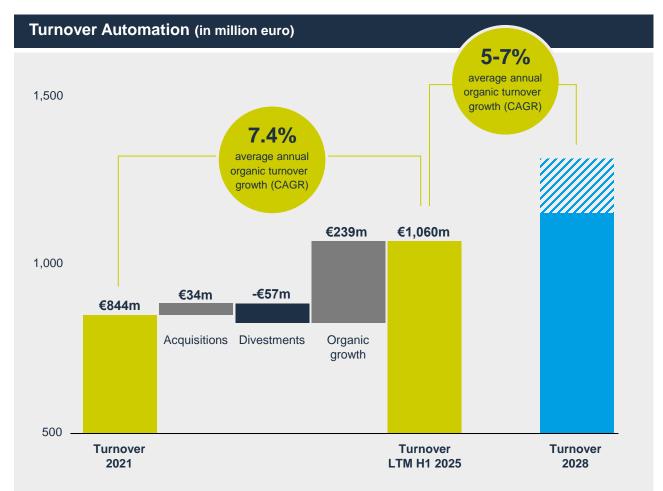
# Organizing Automation for growth





## **Automation**



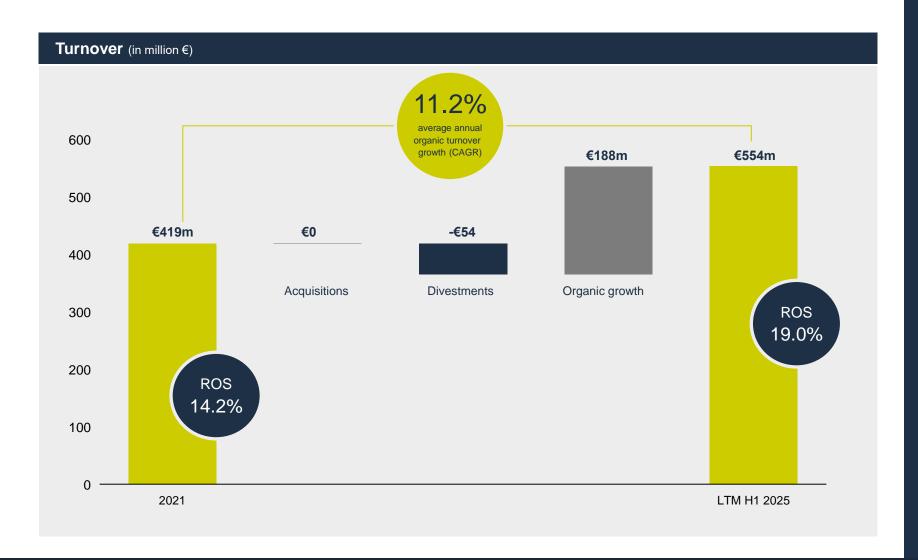


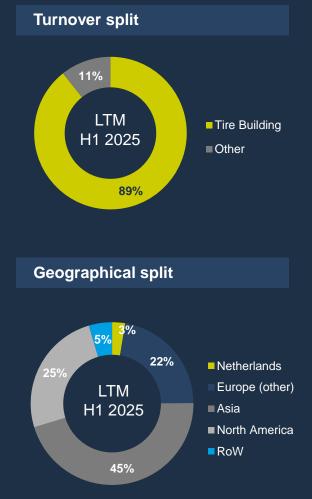






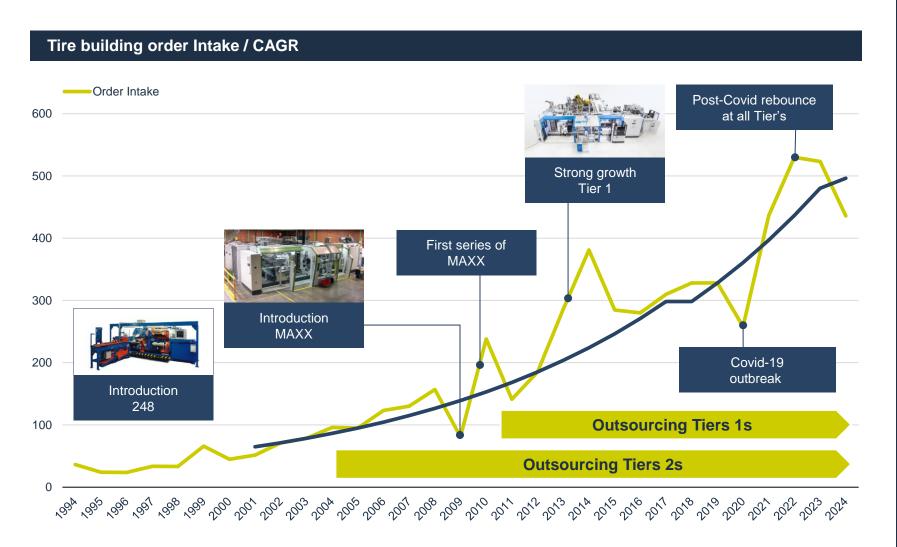
# **Smart Manufacturing systems**





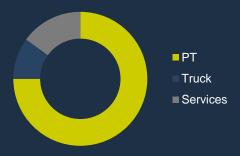


## Our growth path



Annual order intake 1994 - 2024:

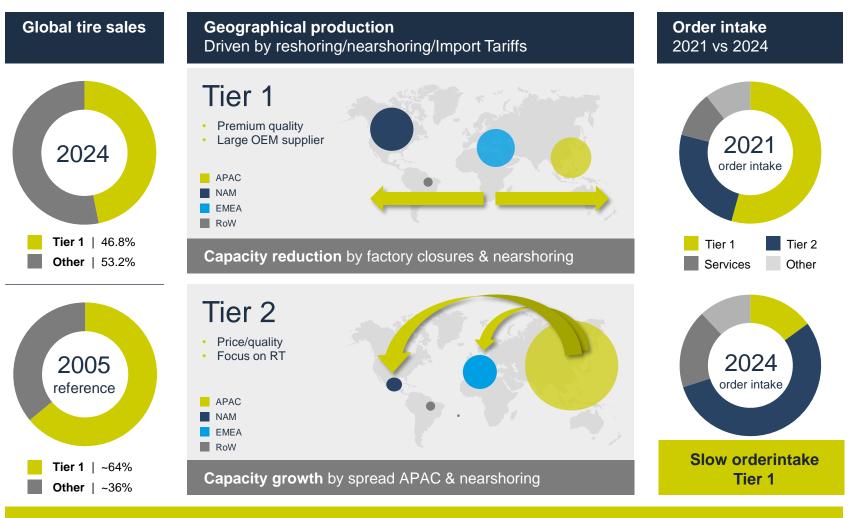
**CAGR 10.5%** 



- Introduction of MAXX reducing the need for in-house development
- Market penetration at Tier 1 and 2 led by 'Hands Off, Eyes Off' Tire Building Machine (TBM) technology



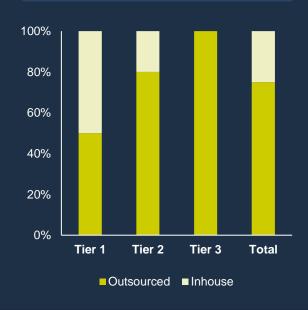
# Global tire market: setting the stage



Outsourced Tier 1:

~50%

Total outsourced
~75%

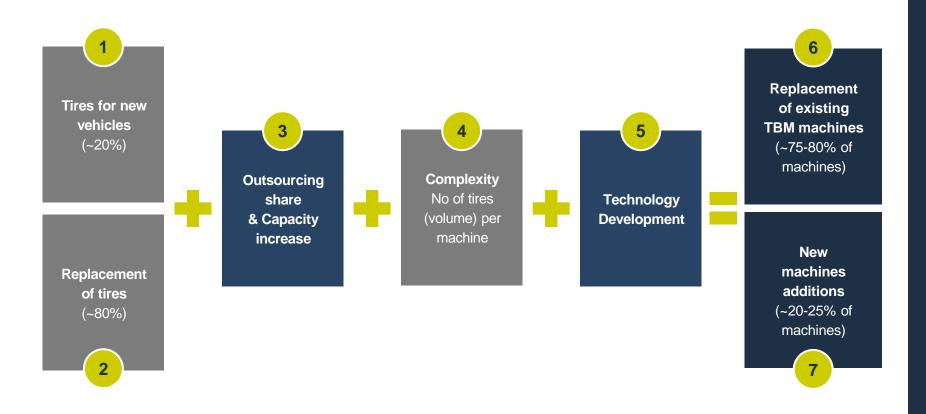


Tire Building Industry very resilient market where TKH has a leading position with Tire Building Machines (TBM)

25 September 2025

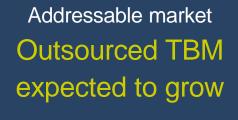


# **Drivers for Tire Building Machine** demand growth



25 September 2025

Sources used: Annual reports; General investor presentation; long term financials, Euromonitor

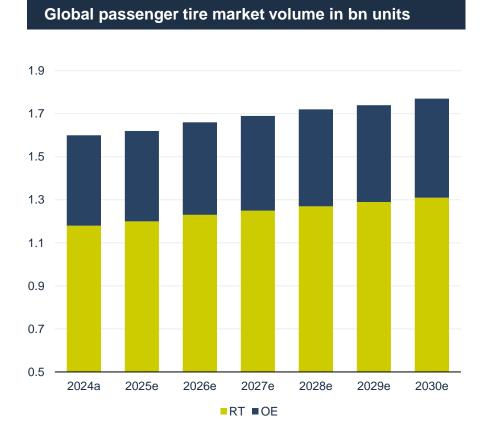


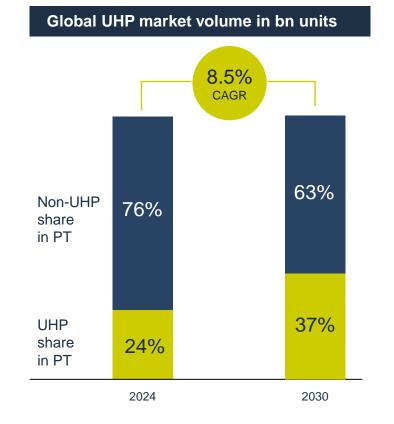


 TBM demand may outperform on growth of addressable market



# Driver 1 & 2 Organic tire market growth





Source: Tire market estimates based on tire manufacturing associations and other third-party sources. CMD Continental June 24, 2025

Steady but limited in volume growth, very dynamic in de product mix

Organic market growth

CAGR 1.5% - 2%

- Product mix shifts towards Ultra High Performance Tire (UHP) in Passenger Tire (PT)
- UHP market share will further grow
- Product mix complexity increases significantly

# **Driver 3 Outsourcing share & capacity increase**

## **Manufacturing footprint**

### Focus 2026 onwards

# Tier 1

Tier 2

## Optimalization of footprint

- Higher level of automation required
- Smaller Batch sizes
- Aged installed base



- Local to local nearly completed
- Plant utilization, Cost per Tire
- Product mix shifts towards UHP-tires
- Focus on Tire development, increase outsourcing

Outsourcing

share

Capacity Increase

 Current estimated TKH installed base of total tire building machines:

30-35%

Strong

foundation

for future

TBM sales

Non-TKH installed base > 20yrs

40%

## geographical footprint

 APAC reshoring (Cambodia/Thailand)

Significant expanding

- Capacity expansion in India
- Increase EMEA, AM













25 September 2025



- Nearshoring in MENA, MA and APAC continues
- Extra Capacity required
- Reliable Process & Product Quality

Solid mid-term growth perspective based on market dynamics and strategic positioning of Tier 1 & 2



# **Driver 4 Growing tire complexity**

Rim size up >18"



Sustainable materials



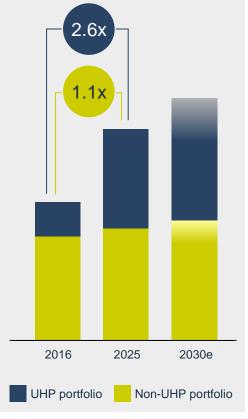
**ALL-SEASON TIRES ALL-WEATHER TIRES** ALL TIRES ARE MANUFACTURED ALL WEATHER TIRES USE A RURGER OFFER CREAT HOT WEATHER TRACTION, BUT REEPING ITS FLEXIBILITY IN VERSATILE. TEMPERATURES, FROM THE HEAT OF SUMMER FLEXIBILITY WHEN FLEXIBILITY IN RS TRUE YEAR-ROUND

**Tire specifications** 



**EV Tire** 





Source: CMD Continental June 24, 2025

Product mix complexity

Need for flexibility in production

- Passenger Tire (PT) articles will continue to increase
- Reduce of change-over time
- **Enhance Product Quality**
- Need for smaller Batch sizes



# **Driver** 5 Evolving technology

## **Increasing Revenue per TBM sold**

~ €2 - 4.0m 2024 ~ €1.5 - 2.5m 2009 MAXX Hands off, Eyes off MAXX intro



- MAXX
- Autonomous
- Software licensing
- Customization

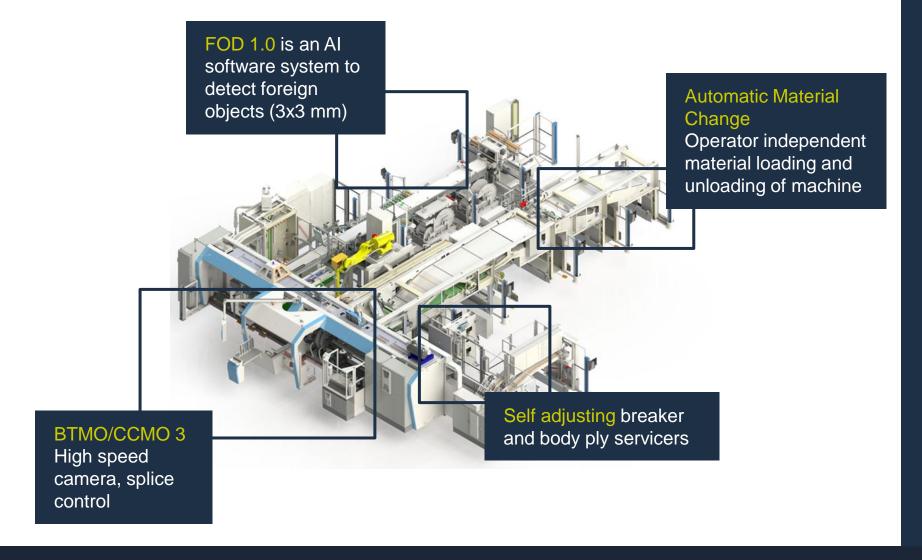
Technology evolution

## Increases the value add

- New features add value for the customer in multiple ways, partly offset in prices
- Aged installed base to be replaced with latest technology



## **Driver** 5 Autonomous production



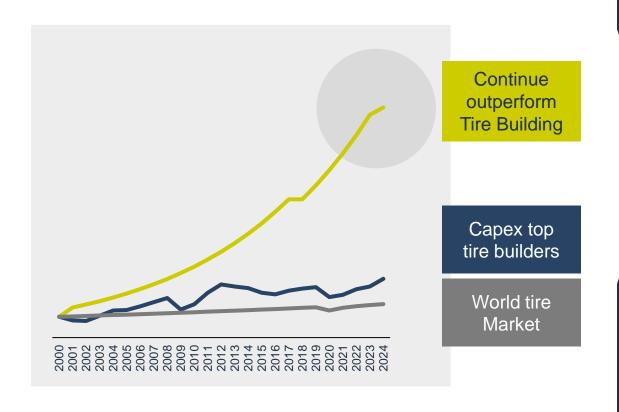
Enhance leading position

# Autonomous production

- Operator independency
- Digital thread in Production (Industry 4.0)



### Capitalize: outperforming the tire market



### **Technology Meets Success**

Well positioned to respond to business drivers

**Truck Tire recovery** expected after 2027

**Increase outsourced TBM** Tier 1s

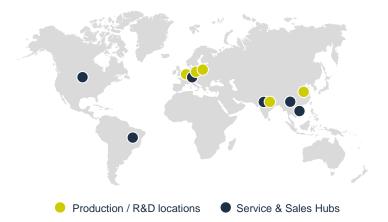


# Capitalize: recurring services turnover

#### **Enhance service & product portfolio**



### **Extending our Service & Sales hubs**



Performance improvement packages



### Retrofit & upgrade packages

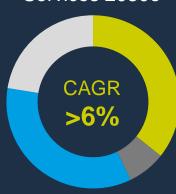


### Extend recurring service turnover

Services 2021



Services 2030e



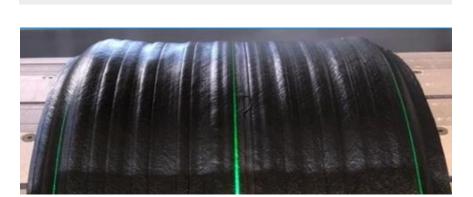


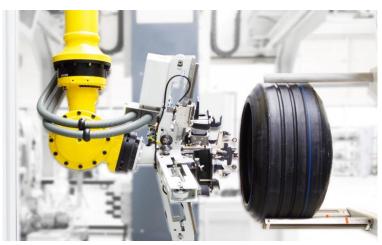
### **Innovations: UNIXX revolutionizes TBM**

UNIXX Technology: highly automated, economic cost/tire, small batch sizes

UNIXX technology: Tire development at the level of production technology (Additive Manufacturing in Tire production)

UNIXX: strip winding and full flex tire production technology is replacing demand for different machines





- Maximize production flexibility
- New product specification
- Extend the range of UHP Tire development
- Superior product quality monitoring system

Revolutionize TBM

Merge tire production stages with UNIXX

- UNIXX expected to 'replace' part of current TBM sales + part of component market
- 2-3x the price of current MAXX TBM technology



### **Innovations: UNIXX revolutionize TBM**

**UNIXX Platform:** Base for New Product Development in Tire Components & Tire Building

#### **UNIXX** Components



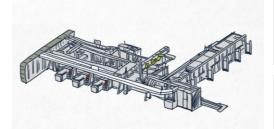
Optimization of Manufacturing process

Expected scrap savings: 100+ tons/yr (rubber, steelcord)

Thinner material, higher performance

material savings +550 tons/yr (rubber)

**UNIXX Tire Building** 



UNIXX' strip winding technology with conventional tire manufacturing

Substantial increase in production flexibility and product quality

Opening new markets with UNIXX Moto for radial Motorcycle tires

# UNIXX platform

increases our addressable market

UNIXX platform

Tier 3

Tier 2

Tier 1



### **Operational excellence**

### **Quality & lean**

Global lean operation

#### **Resilient & Cost Efficient**

- Global sourcing: resilience
- Global manufacturing: best costs
- Global service: customer centricity
- Global engineering: access to talent
- Global sustainability program: CO<sub>2</sub> footprint

### Time-to-Market

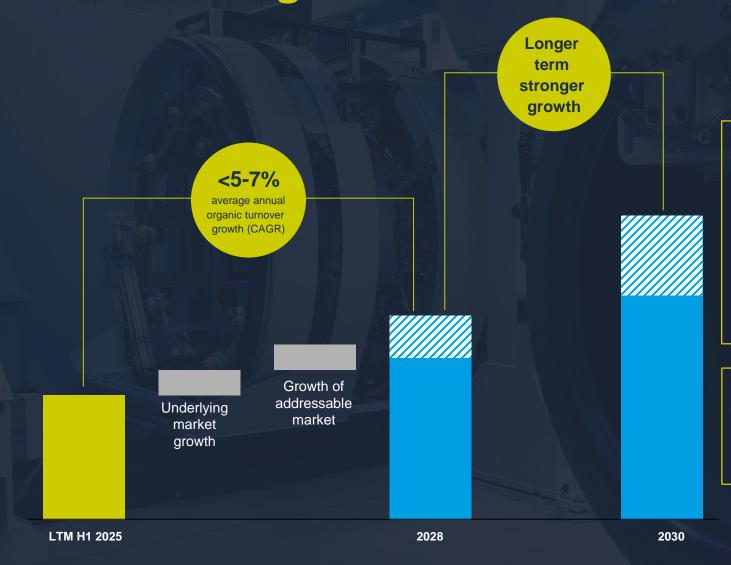
- Focus on agile and accelerate market introduction new tech
- Strategic partnering

Access to the latest and best technology

Superior quality and best cost per tire

Superior machine performance

### **Tire Building outlook**



#### **Market growth**

- Resilient tire market with unprecedented market position for TKH Tire Building
- Up-to-date product mix supporting market drivers
- Installed base provides access to future retro and upgrade potential
- Expected outsourced market growth
- Longer term growth supported by Truck Tire market recovery

#### **Growth of addressable market**

 Revolutionary UNIXX platform delivers new added value for tire customers and will grow our addressable market



# **Smart Vision systems**

TKH Capital Markets Day 25 September 2025

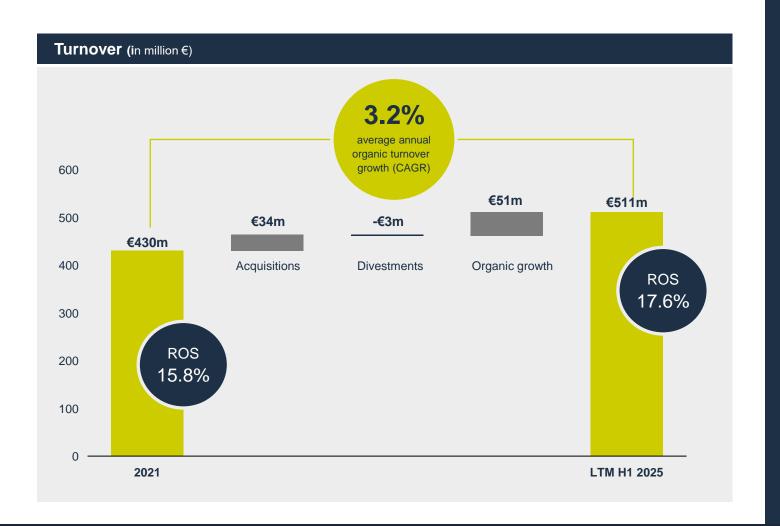
Mark Radford, CEO Machine Vision

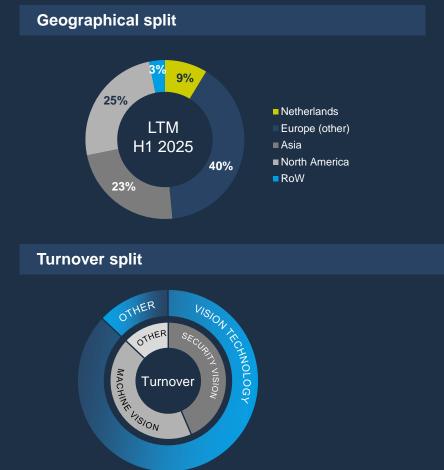






## **Smart Vision systems**



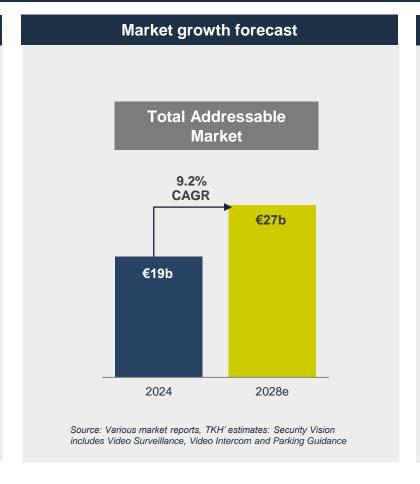




### **TKH Security Vision**

#### Existing Business Diversity: managing and controlling the urban infrastructure

### **Product offering** Wide product offering of security and surveillance systems, intelligent traffic systems, and parking guidance Building Global market & infrastructure end market Hardware and software combined with advanced communication technologies, support mission critical security and communication systems



#### **Growth drivers**

- Rising security awareness
- Higher levels of automated safety and security requirements
- Automatic enforcement and monitoring of infrastructure
- Growth in addressable market through
  - Innovations higher share of software and recurring revenues
  - Technology leadership
  - Under penetrated geographies



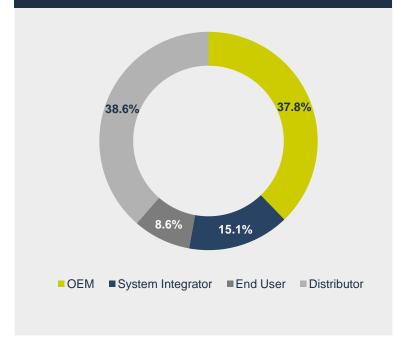
### **End market distribution: Machine Vision turnover**

#### **Existing Business Diversity**

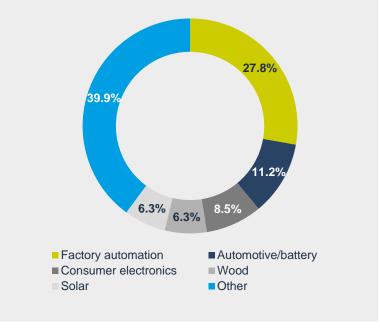
Present in all major geographic markets with local sales hubs to serve key customers

Production / R&D locations

Diversified customer profiles with substantial **repeat order business** through OEM's and system integrators as well as **strong customer intimacy** with major players in key verticals



Well diversified across industries with a common product base creating good revenue stability



Excluding external sales partners

Service & Sales Hubs



### What does Machine Vision achieve?



Automated quality control

(pass/fail) and sorting or grading of items



Automation

Allowing complex tasks to be performed autonomously by robots, machines or vehicles



Optimization

Process control and monitoring to optimize production yield or conversion of raw materials



Digitalization & Augmentation

Creating tools that capture or enhance the real world, and improve human capabilities



# Forward growth drivers in Machine Vision



- · Labour shortages
- Wage increases
- De-globalization
- Supply chain & production flexibility

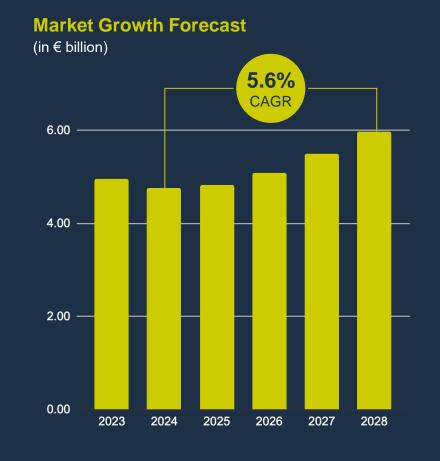


### Governance

- Regulatory increases in safety and traceability
- Sustainability/circularity
- Supply chain security



- Al/deep learning
- Image sensors/cameras
- Collaborative/humanoid robotics
- Wireless communication
- Edge/cloud computing





# **Building blocks: leading market position**



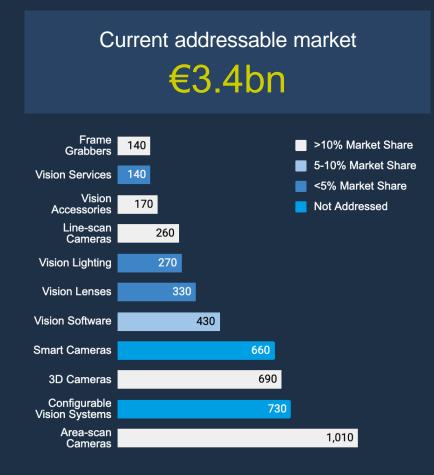
Positioning highlights

Top 5 global player in Machine Vision

Strong market share in many key segments with high customer intimacy Mid to upper tier focus with high-value products

Broad technology base with many unique capabilities

Strong technology base to expand into additional addressable segments



Total Product Segments market: €4.8bn (2025)

Market size (in € millions)







# Operational organizational consolidation

#### Commercial

- Combined sales approach
- Combined sales offices
- Reduced company brands \*

### **Operational**

- Combined production sites
- Joint purchasing power
- High scalability

### R&D

- Platform based products
- Shared algorithms
- Unique competence centers

### Increased customer reach & cross-selling

Reduced cost structure, increased operating efficiency

Reduced product costs

Advanced product development with increased efficiency from a shared platform

<sup>\*</sup>The number of company brands will be strongly reduced from 9 to 2 brands:



\*\* chromasens





nerian



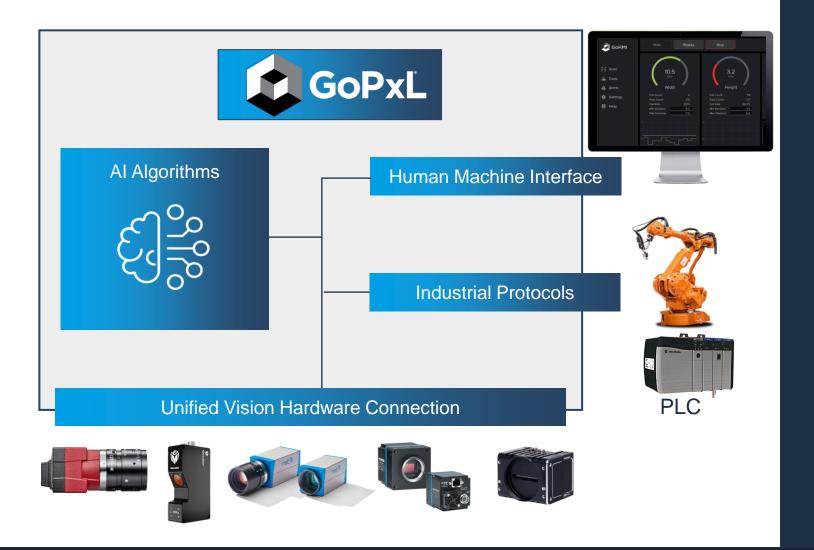








### **Unified Software ecosystem**



# **Key Enabler for smart cameras** and configurable vision systems

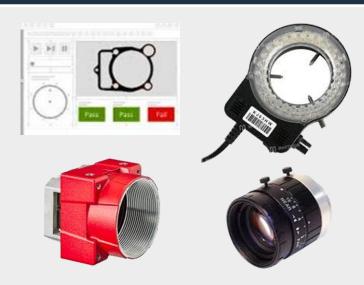
- Unified communication and functionality across TKH machine vision cameras and 3D sensors
- 2D & 3D Measurement Capability
- Supports all Gocator sensors and Vimba X cameras
- Runs on edge, accelerator or PC
- 160+ built-in measurement tools
- Traditional and Al Algorithms
- Communicate results to industrial networks and robots
- HMI builder for full solution deployment





### The Machine Vision value chain

### Vision components



- Cannot function individually
- Requires other components to create a vision system

### Vision systems



General/Horizontal products capable of solving general purpose applications and communicating decisions

### Vision solutions







Focused solutions for specific applications or segments providing turnkey systems with minimal integration requirements

TKH continues to provide products at all layers of the value chain, leveraging the previous layer to increase added value and competitiveness at the next layer, with a focus on solutions to maximize added value to customers



### New addressable segment: smart cameras





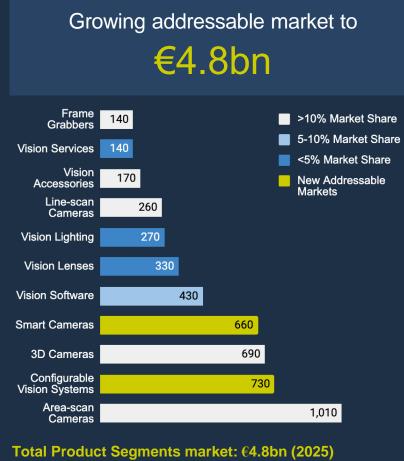
#### Unique positioning in a new horizontal for TKH

Powerful CPU and GPU for edge processing including Al algorithms

Train Al algorithms on device with training wizard

Available as an open platform for OEM or custom development, or fast deployment with GoPxL

Scales seamlessly with other TKH hardware and accelerator or PC support



Market size (in € millions)



### **Growth: security & defense**



**Collision Avoidance** for Aerospace

Requires fast, lowlatency cameras for synchronization with other sensors



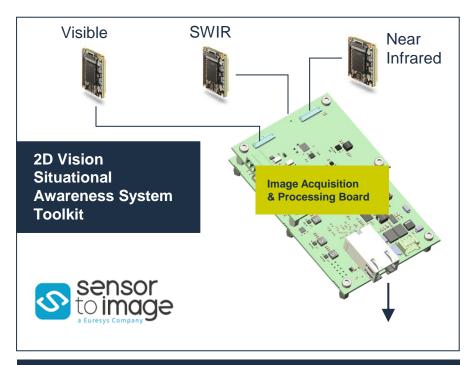
**Long Distance Detection for military** vehicles

Multi-camera setups provide a view of the surroundings and a fast response to threats



Border control

SWIR cameras can penetrate fog, haze, and other obscurants, allowing detection of threats in adverse conditions



### **Growth Opportunities**

- · Value chain growth in solutions
- Addressable market growth security and defence



# **Moving towards** autonomous production

### Yesterday

### Today

### Tomorrow

Manual labor



- Human oversight
- Reactive problem-solving

Semi-automated systems



- Human-machine collaboration
- Preventive maintenance

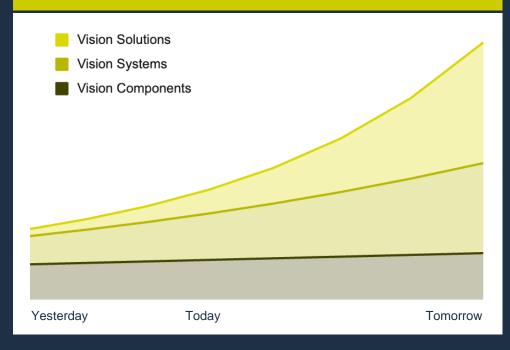
**Fully autonomous** operations



Machine-led decision-making

25 September 2025

Predictive intelligence The future of autonomous operations creates new opportunities for TKH's vision technology to expand into solutions that enable fully autonomous operation



These solutions form a major component of TKH's Vision turnover and added value growth moving forward



# **Growth: 3D Vision guided robotics**



### Material handling

Solutions for automated racking and de-racking of parts of all sizes



### Warehousing and distribution

Solutions for automation of palletization, de-palletization, and decanting of all box types on pallets and bins



### Sealing and coating

Solutions for compensating for part position, orientation, and dimensional variances



### **Growth opportunities**

- Value chain growth in solutions
- · Addressable market growth in warehousing and distribution
- Geographic expansion in automotive solutions



## **Growth: welding automation**



#### Pre-weld

Solutions to ensure that parts and welds are correctly positioned to allow automation of welding difficult assemblies



**Weld Monitoring** 

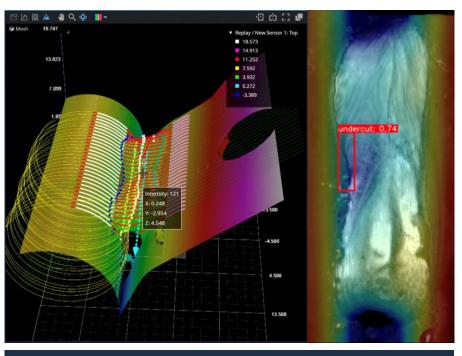
Solutions for monitoring active welding and providing closed loop control of the robot and the welder



Post-weld

Solutions for automated inspection of finished welds for weld geometry and weld defects

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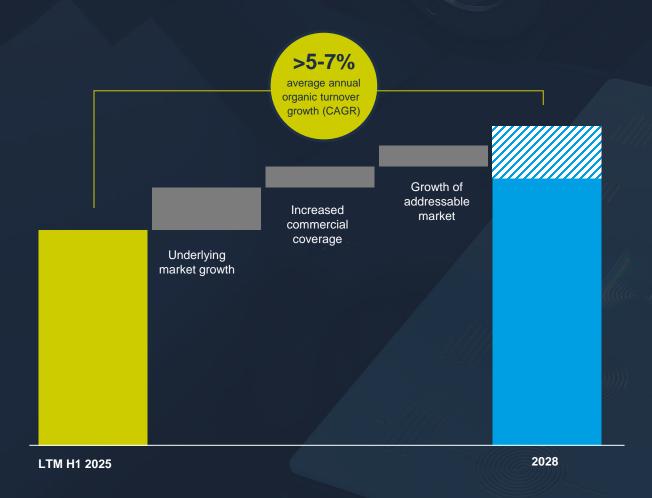


### **Growth Opportunities**

- Value chain growth in solutions
- Addressable market growth in weld applications



### **Smart Vision outlook**



#### **Market growth**

- Automation to drive vision adoption at high growth rates
- Technology development enables increased applications

#### **Consolidated positioning**

- Increased commercial opportunity through aligned sales approach
- Increased efficiency in R&D through consolidated technology platform

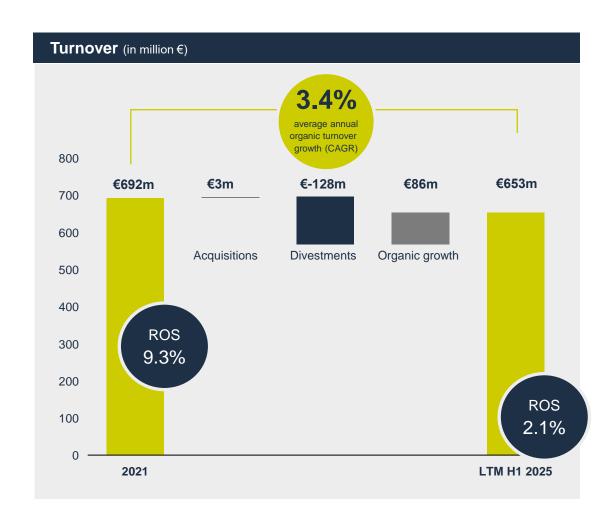
### Addressable market growth

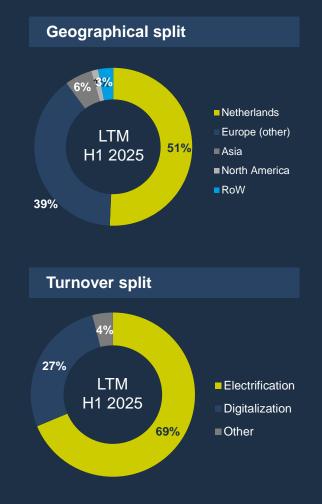
- Innovations allowing entry into new horizontals and applications
- Solution focus creates new opportunities





# **Smart Connectivity systems**

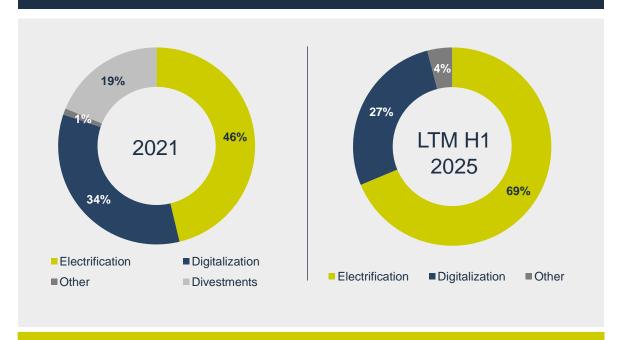




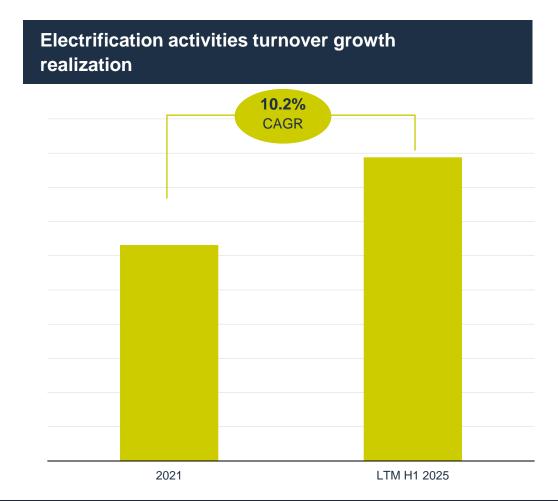


## Electrification activities realized a strong growth and will continue for a sustainable future

Increased focus and acceleration of electrification led to shift in Smart Connectivity portfolio



€128 million in turnover divested of commodity related activities in Smart Connectivity as of 2021





# Powering the sustainable future of energy

### Electrification

Offshore cable solutions

Power Generation

Power Transmission

Power Distribution

Power Utilization

High Voltage
<200kV - >50kV

TKH power cable solutions capabilities up to 200kV



## Electrification drives cable industry growth

> 42.5%

REPowerEU binding target for 2030 to 42.5%

### Net zero

European corporates aim for carbon neutrality



# > €100bn p/y

Annual EU investments to raise to > €100 billion annually till 2050

# 2x by 2050

Power usage demand about to double by 2050



# TKH invested in electrification capacity expansion to meet strong market demand

Offshore energy

Inter-array capacity expansion

### **Eemshaven - new production facility**

- 1,200 km inter-array cable per year
- HV & MV onshore capabilities
- Flexibility: balancing and meeting demand



€150m

capex program started in 2022

### **Onshore energy**

High voltage capability expansion

### Lochem – focused high voltage production facility

- Further transform Lochem into dedicated efficient high-voltage facility
- Installed new Milliken strander
- Increased degassing capacity



### **Onshore energy**

Medium & low voltage volume expansion

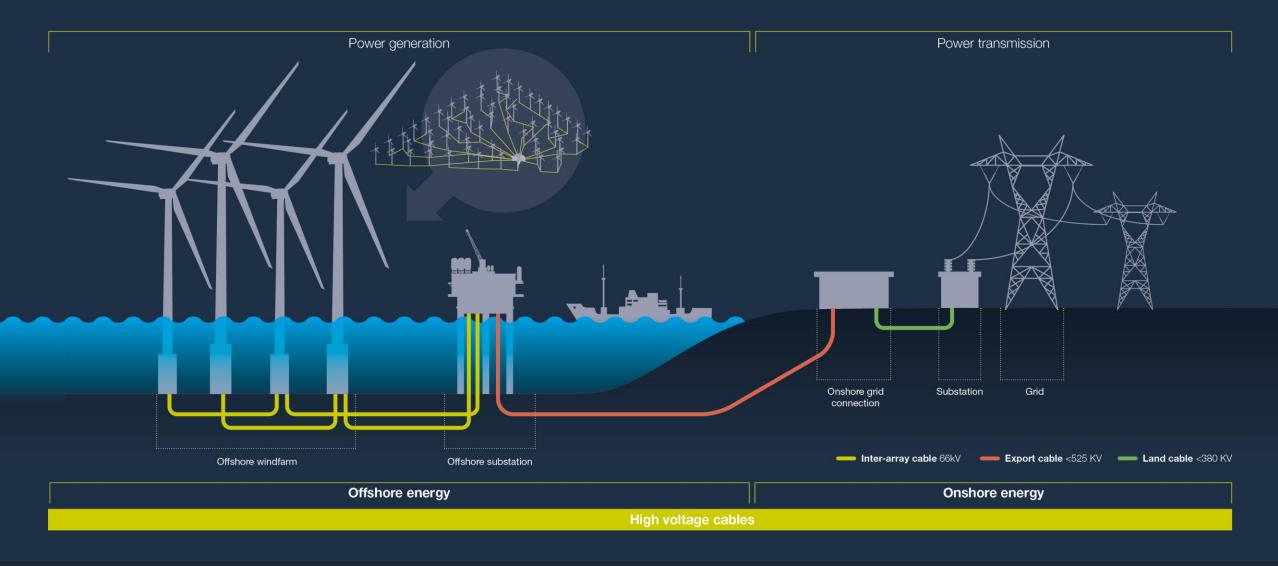
#### **Haaksbergen – transforming existing facilities**

- Transform Telecom facilities (HKS) into Energy transition capabilities
- Match growing demand and won tenders needs





# Offshore energy power cables





# Strong niche market position for future growth in offshore

Offshore Energy – Power Generation

Market Growth Offshore wind niche market to grow 6x by 2030 (vs 2024)

EU is committed to remain global leader in renewables

**10x more installed GW required** to meet EU commitments by 2030

Customer Challenges Climate change – though weather conditions limit installation windows

Strong increasing demand leads to supply shortage

Larger players are prioritizing extra high voltage (export) cables

More sustainable design to limit environmental impact

Market Position Niche market focus – with growing market position >30% market share

Unique design and cable performance

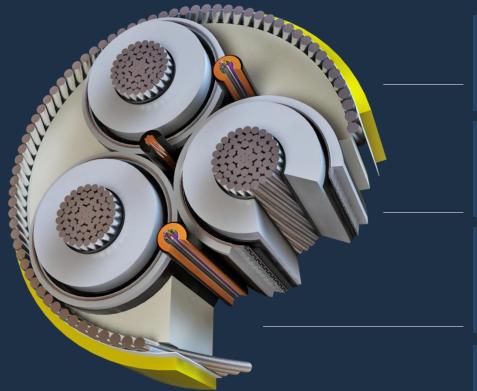
Ease of installation 50% faster

Multi-year partnership Vattenfall 66kV inter-array cables EU wind farms





# Unique design meeting customer challenges



No use of lead or bitumen

- Unique sustainable design and environmentally friendly
- No risk of leaching chemicals or metals into the marine environment
- Efficient and unsoiled recoveries possible high recyclability

Aluminium welded sheath

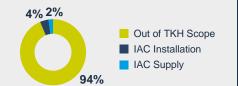
- 100% dry design
- Longer durability
- Less materials needed (copper) thinner cable and reduction of costs

Compact & robust

- **Unmatched cable performance**
- Higher pulling forces allowing cable laying in extremer weather conditions
- Easy and more efficient installation
- Crush and impact resistant less risks and protection of the fibre optic

Inter-array cable supply

- Cost of developing an offshore windfarm
- ~ 2% is related to IAC supply
- ~ 4% is related to IAC installation



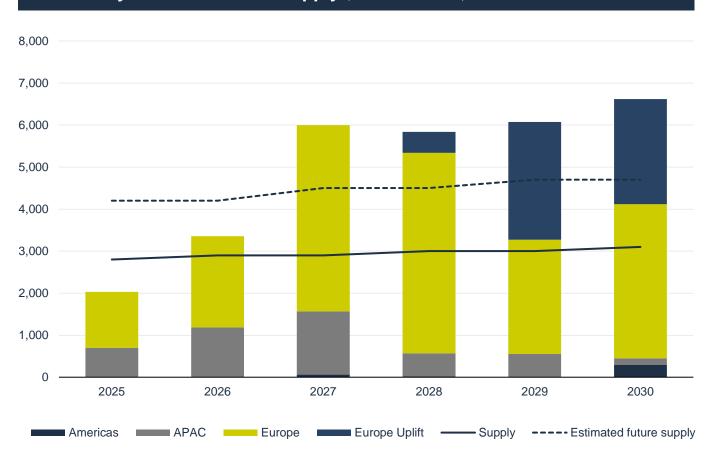
A differentiating cable, increasing sustainability and accelerating installation performance

25 September 2025



## **Market demand outpaces** market supply

### Inter-array cable demand & supply (in km excl. China)



25 September 2025

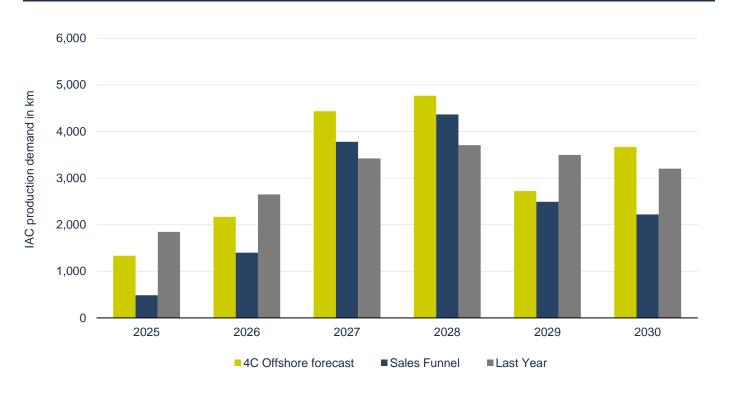
- Contract for Difference being adopted in EU
- Strong European market growth
- Required km inter-array cables in Europe 6x by 2030 compared to 2024
- European commitment remains strong
- Expected delay in Americas due to political situation – out of TKH scope



# Involved in 14,750 km of **European tenders**

Well positioned to accelerate orderbook

### Inter-array Cable demand (km) - EU



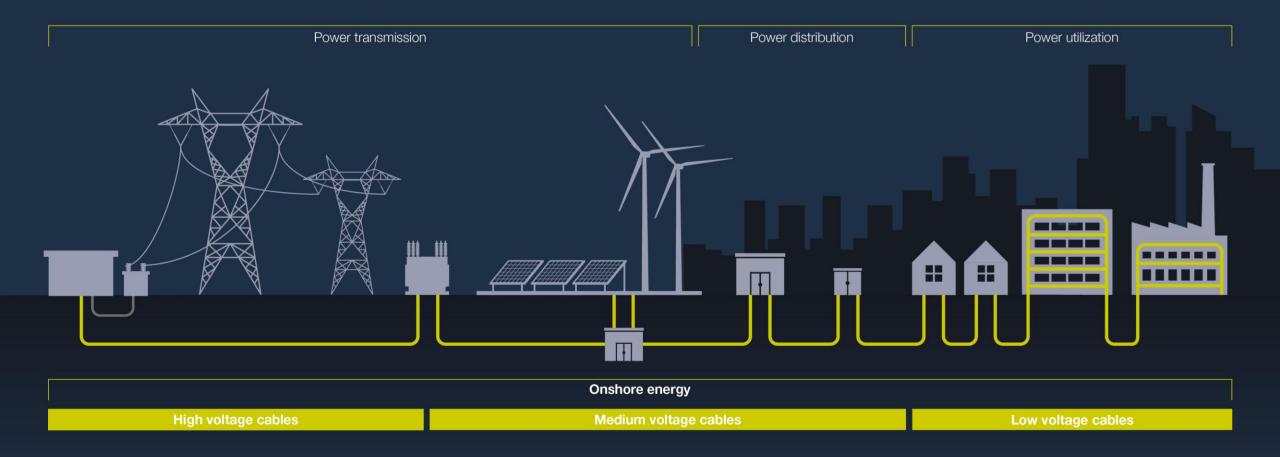
25 September 2025

- >19,000 km EU tender opportunities until 2030 strong increase as of 2027
- >4% growth in total EU tenders cable volume compared to last year as of 2025 until 2030
- Currently involved in >75% (14,750 km) of ongoing tenders up from 11,500 previously
- Further potential EU uplift >5,750 km required to meet EU commitments by 2030
- High recent win rate in EU >80%, underlines strong position and expectations to accelerate orderbook

4C delivers on-demand global market research and intelligence for offshore renewable energy



# **Onshore power cables**





# Proven fundament to excel in onshore

Onshore Energy – Medium Voltage

Market Growth more than €195bn capex into NL by 2030

4,500 (TWh) needed by 2050

+300% additional TWh required until 2050

Customer Challenges Increased **speed of installation** to accelerate transition

Strong increasing demand leads to supply challenges

Political stability, permits delay and nitrogen crisis

Securing sustainable European supply

Market Position Established onshore Dutch player – 95 years of expertise

Market leader within NL- strategic position at all Dutch DSOs

Proven unmatched services to differentiate

**International fundament** for high value opportunities

Sustainable solutions green design, green production facilities and services

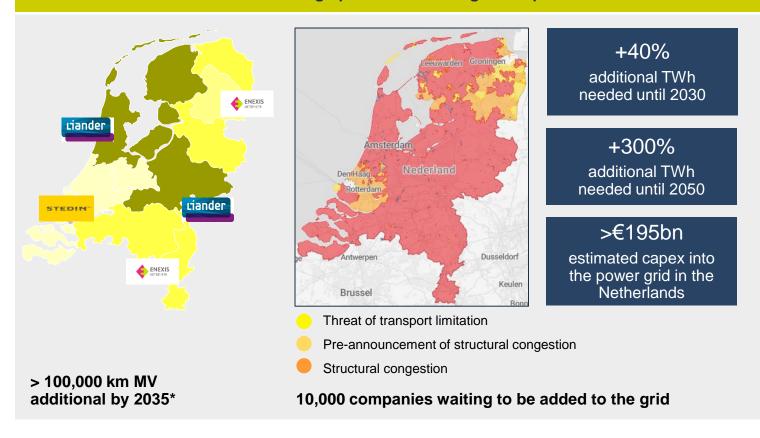
25 September 2025



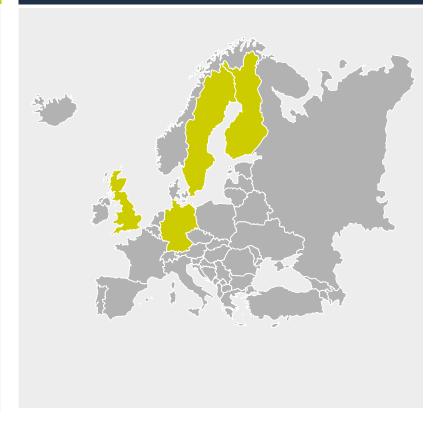


# Increased demand of Dutch DSOs leads to market growth, European high value opportunities arise

The Netherlands remains our core market and strategic focus >95% of turnover within NL **Dutch DSOs scaling up and accelerating their operations** 



International opportunities arise due to capacity shift - Focus on high value opportunities





# Attractive niche market opportunity for future growth

Onshore Energy – High Voltage

Market Growth 15 largest European TSOs are set to triple Capital Expenditures

EU is committed to remain global leader in renewables

>€500bn estimated capex into the power grid in Europe by 2030

Customer Challenges Strong increasing demand leads to supply shortage

Buyers face capacity constraints and too long lead times

Larger players are prioritizing extra high voltage cables

Major players are focusing on large E2E integrated projects

Market Position **Excellent niche market position** to capitalize high value opportunities

#1 high voltage supplier Dutch DSOs

Selected supplier Dutch TSO

Qualified according to European standards





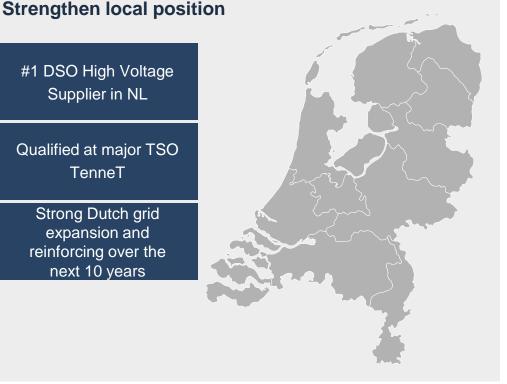
# Capitalize strong fundament accelerate niche market position on international opportunities

Strong fundament to excel within the Netherlands

#1 DSO High Voltage Supplier in NL

Qualified at major TSO **TenneT** 

Strong Dutch grid expansion and reinforcing over the next 10 years



Attractive niche market strategy combined with competitive positioning leads to major international expansion potential

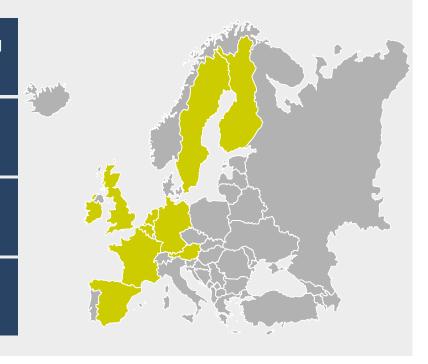
### **Accelerate international expansion**

Successful international qualifications

15 largest European TSOs are set to triple Capital Expenditures

EU is committed to remain global leader in renewables

>€500bn estimated capex into the power grid in Europe by 2030





# Established onshore Dutch player utilize strong track record for new market opportunities

## TKH innovates and expanse to address strong market demand and challenges



**High Voltage** portfolio expansion

- High voltage portfolio expansion
- Address high voltage <220kV market need



Innovation on pluggable solutions

- Increase speed of installation
- Pluggable MV and LV cable solutions



Sustainable **Solutions** 

- Sustainable design
- High level of recycled materials
- Circularity of the design
- Green production facilities and services



**Next generation** 132 kV

- Innovative dry design
- Unmatched cable performance

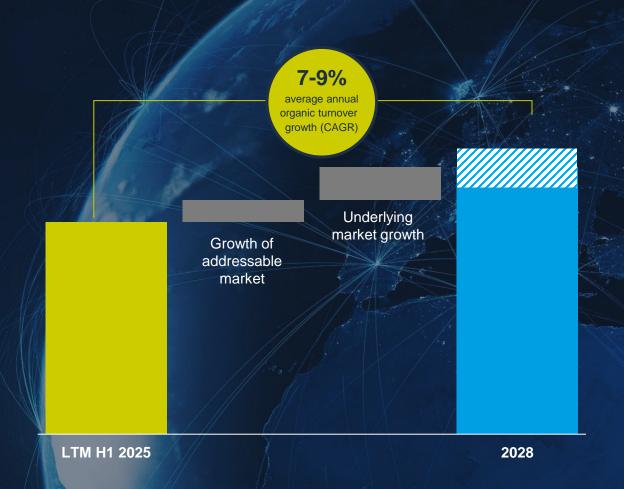


**Floating wind** 

Dynamic cable for floating wind



# Electrification outlook benefits from market tailwind and unmatched performance



#### Offshore

- Full utilization of increased capacity
- Successful conversion of tenders into orders

#### **Onshore - Power Transmission**

- Capture market growth with unique offering
- Grow addressable market through internationalization
- Portfolio expansion with competitive delivery times

#### **Onshore - Power Distribution**

- Capture market growth with unique offering
- Utilize market leading position



# Capital allocation

TKH Capital Markets Day 25 September 2025

Elling de Lange, CFO







## Recap 'Accelerate 2025'



- Divestments excluding Dewetron, closing expected in 2025
- Average innovation rate of >15%
- Added value growth to >50% of turnover
- Acquisitions partly substituted with Strategic Capex program

'Accelerate 2025' has
contributed to stronger focus
on activities with higher
organic growth and added
value – effects on ROS not
fully visible due to prolonged
ramp-up costs of Strategic
Capex program







# Strong sustainability performance

Our next generation technologies make the world more efficient and more sustainable: >70% of our turnover is directly linked to SDGs













Focus on reduction of carbon emissions for our own operations Net-zero carbon (scopes 1 and 2) by 100% by 2030 in the past years

It is our key priority to make sure that all our employees return home safe and **sound** at the end of each workday

A diverse workforce can bring a variety of perspectives, skills, and experiences, which can lead to increased creativity, innovation, and problem-solving within TKH

2024: 70.3%

Commit to net-zero carbon by 2050



2024: 0.7

2024:

21.6%

25 September 2025

< 0.7 LTIFR no fatalities



Diversity

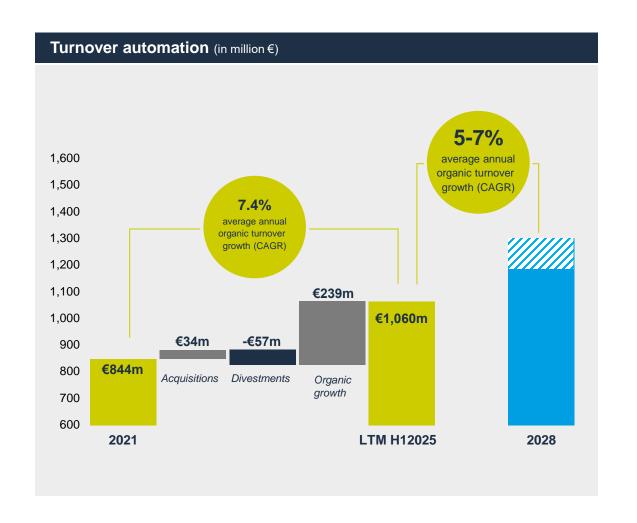
Safety

> 25% female executive and senior management employees by 2030





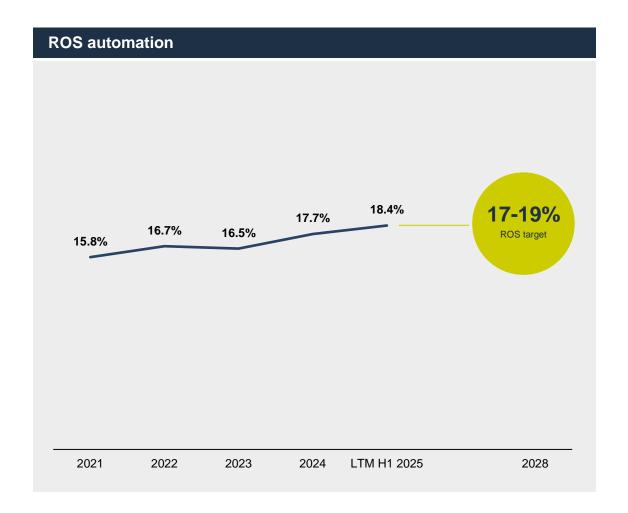
# **Automation: capitalize**

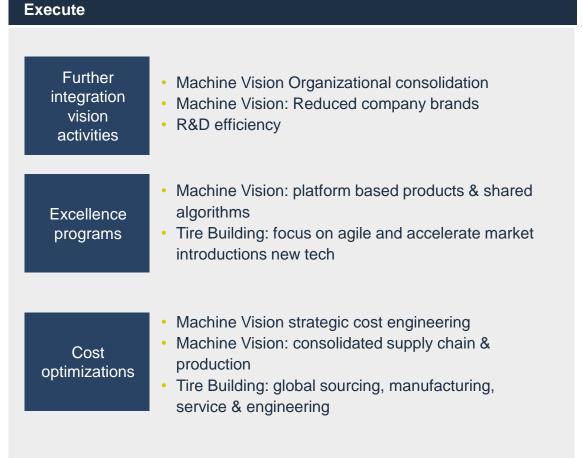






## Automation: execute







# **Electrification: capitalize**

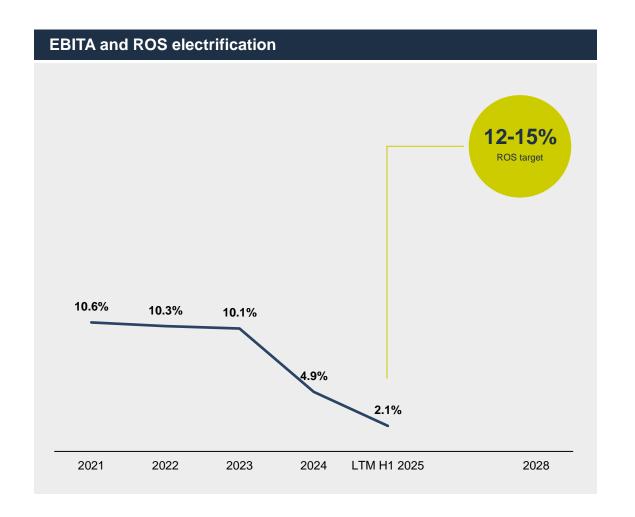


The Electrification activities consist of the Electrification segment excluding Digitalization and the intended divestments of non-core activities





## **Electrification:** execute







## **Execution**

Execute on separation of electrification

Material steps expected in 12 to 18 months

Execute on portfolio optimization

A further €250m of non-core activities to be divested

Bolt on acquisition in Automation

Focus on cash flow generation

Disciplined capex spend

Working capital management

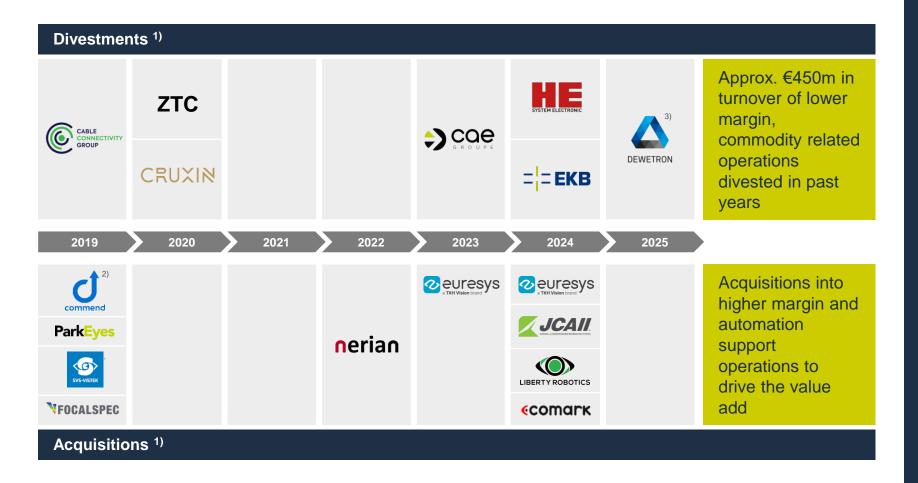
Disciplined capital allocation

Clear priorities

## **Execution with clear priorities**



# Portfolio optimization



2025 - 2028

Approx. €250m turnover of non-core activities to be divested, including Digitalization

<sup>1)</sup> Turnover numbers provided for acquisitions and divestments represent the turnover of the year prior to the announcement of the acquisition or divestment

<sup>2)</sup> Commend AG is the value-added reseller in Switzerland of the in Austria based Commend Group, which was acquired by TKH in 2015

<sup>3)</sup> Closing expected in 2025; one-off net profit contribution of €36m expected upon closing

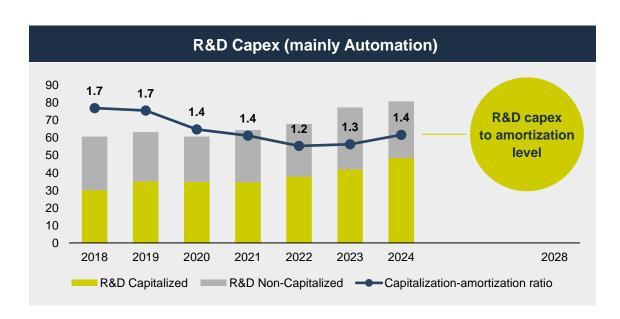


# Focus on cash flow generation (1/2)

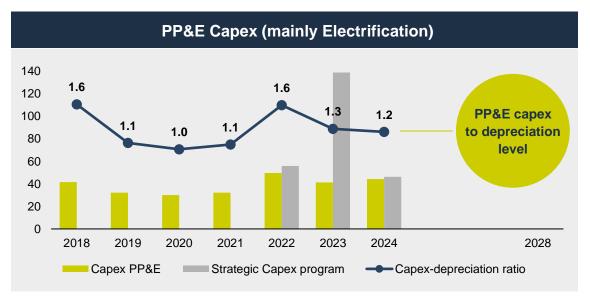
#### **Disciplined Capex**

Following €200m strategic capex spend, no large capex programs

Capex spend only on core activities – no disruptive innovations



- R&D Capex impacted by development of e.g. UNIXX, Alvium and Gocator
- Related products are now on the market: no significant R&D Capex needed
- Integration within Vision to drive R&D Capex downwards

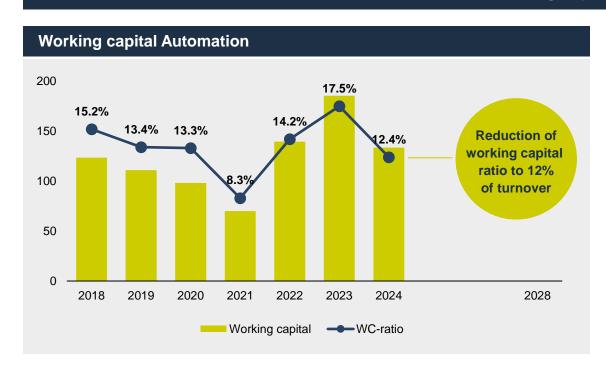


- Strategic capex program finalized beginning 2025
- Asset base now ready for full utilization and growth
- Limited growth Capex needed for 2025-2028



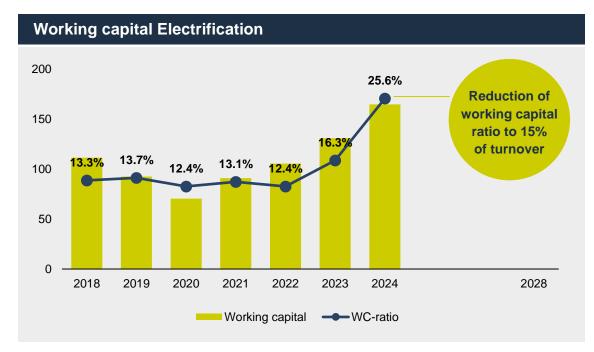
# Focus on cash flow generation (2/2)

### **Working capital management**





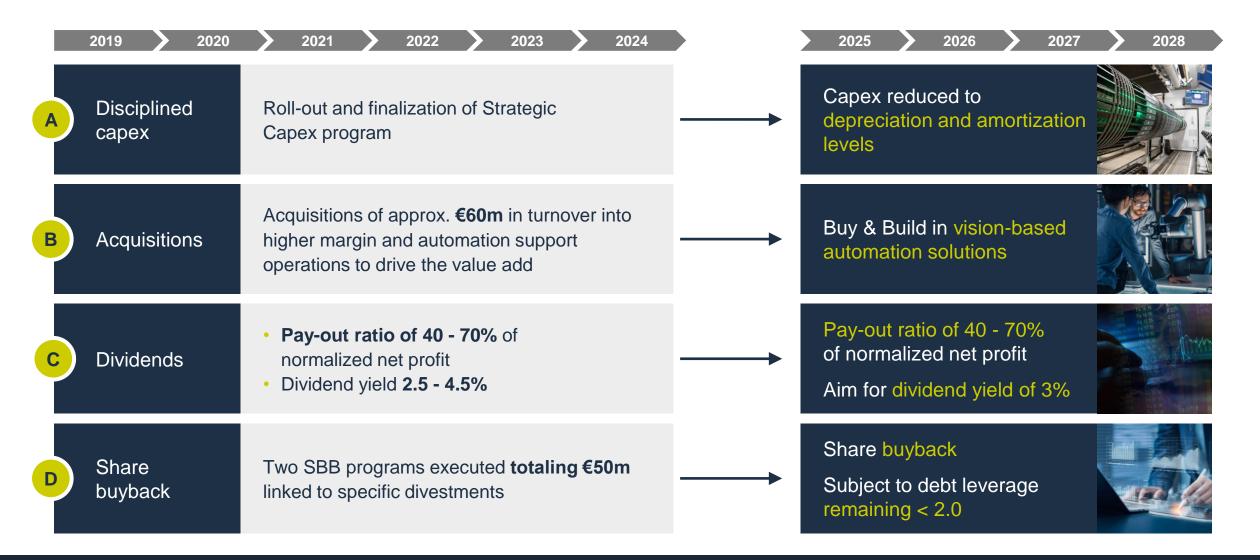
- Tight controls in place
- Portfolio rationalization
- Lower stock levels (due to longer lead time)
- Re-evaluating supply terms



- Impacted by new production capacity and transfer of existing capacity (Subsea and Digitalization)
- Reduction as new capacity comes into full use and effects of transfers will fade out. ratio)



## Disciplined capital allocation





# Geared towards high ROCE for the Group

### **Return on Capital Employed**



- Capital Employed impacted by high inventories post Covid in Vision and supply shortages in Tire building
- Proven track record



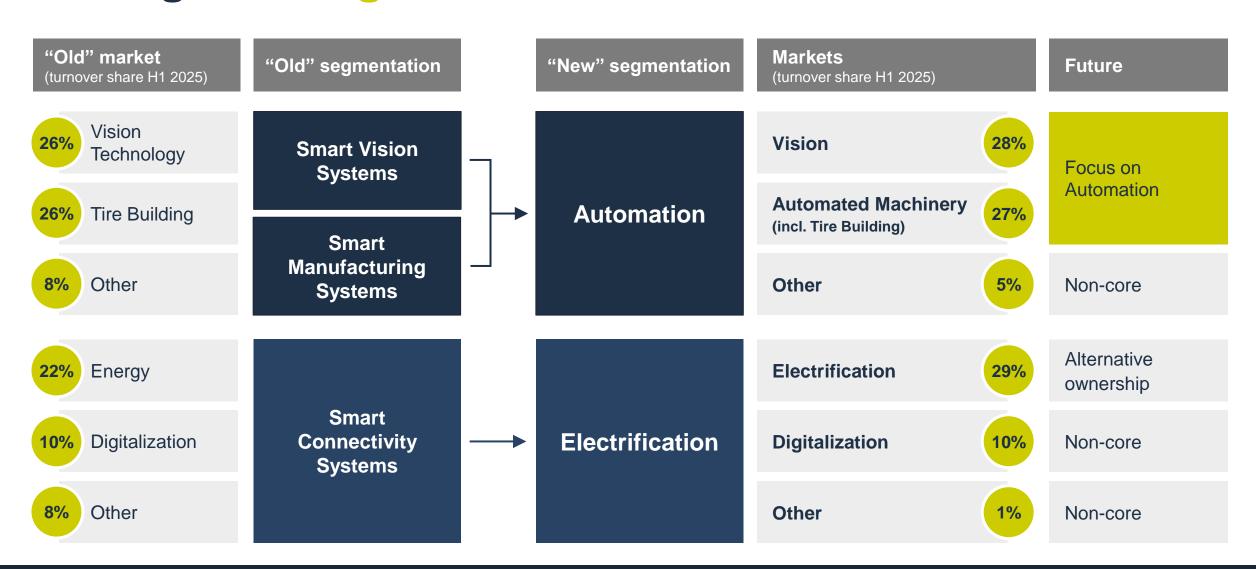
- ROCE impacted by Strategic capex program and ramp-up costs
- Asset base now ready for full utilization and growth
- Limited growth Capex needed for 2025-2028







# Changes to segmentation





# New segment reporting

Reporting will be in accordance with IFRS and will contain the following information:

| KPI                   | Group | New segments 1) | Markets |
|-----------------------|-------|-----------------|---------|
| Turnover              | ✓     | ✓               | ✓       |
| Added value           | ✓     | ✓               |         |
| Operating expenses    | ✓     | ✓               |         |
| EBITDA                | ✓     | ✓               |         |
| Depreciation          | ✓     | ✓               |         |
| EBITA                 | ✓     | ✓               |         |
| Return on Sales (ROS) | ✓     | ✓               |         |
| One-offs              | ✓     | ✓               |         |
| Amortization          | ✓     | ✓               |         |
| EBIT                  | ✓     | ✓               |         |
| Financial result      | ✓     |                 |         |
| Result before tax     | ✓     |                 |         |
| Tax                   | ✓     |                 |         |
| Net result            | ✓     |                 |         |
| Innovation rate       | ✓     |                 |         |
| Order intake          | ✓     | ✓               |         |
| Order book            | ✓     | ✓               |         |
| FTE                   | ✓     | ✓               |         |

| KPI                                | Group | New segments 1) | Markets |
|------------------------------------|-------|-----------------|---------|
| Non-current tangible investments   | ✓     | ✓               |         |
| Non-current intangible investments | ✓     | ✓               |         |
| Right-of-use investments           | ✓     | ✓               |         |
| Acquisitions                       | ✓     | ✓               |         |
| Total investments                  | ✓     | ✓               |         |
| Assets                             | ✓     | ✓               |         |
| Assets held for sale               | ✓     | ✓               |         |
| Other associates                   | ✓     | ✓               |         |
| Total assets                       | ✓     | ✓               |         |
| Liabilities                        | ✓     | ✓               |         |
| Working Capital                    | ✓     | ✓               |         |
| Capital Employed                   | ✓     | ✓               |         |
| Return on Capital Employed (ROCE)  | ✓     | ✓               |         |
| Net debt                           | ✓     |                 |         |
| Free Cash Flow                     | ✓     |                 |         |
| Turnover per geography             | ✓     | ✓               |         |
| Non-current assets per geography   | ✓     |                 |         |
| FTE per geography                  | ✓     |                 |         |

<sup>1)</sup> The old segments will only be reported over transition year 2025



# Segmentation based on Automation & Electrification

### Actual 2024 (pro-forma)

(amounts in million €)

|                     | VI .       | ,               |             | (66   |               |
|---------------------|------------|-----------------|-------------|-------|---------------|
|                     | Automation | Electrification | Divestments | Other | Total<br>2024 |
| Turnover            | 1,020      | 643             | 59          | -8    | 1,713         |
| Added value         | 571        | 281             | 36          | 0     | 889           |
| Added value         | 56.0%      | 43.7%           | 62.1%       |       | 51.9%         |
| EBITDA              | 214        | 58              | 4           | -20   | 256           |
| EBITA               | 190        | 32              | 3           | -21   | 204           |
| ROS                 | 18.6%      | 5.0%            | 5.1%        |       | 11.9%         |
| Capex               | 68         | 83              | 3           | 1     | 152           |
| Capital<br>Employed | 682        | 662             | 21          | 15    | 1,380         |
| ROCE                | 27.4%      | 5.3%            |             |       | 15.2%         |

| <b>Actual H1 2025</b> (pro | o-forma) |
|----------------------------|----------|
|----------------------------|----------|

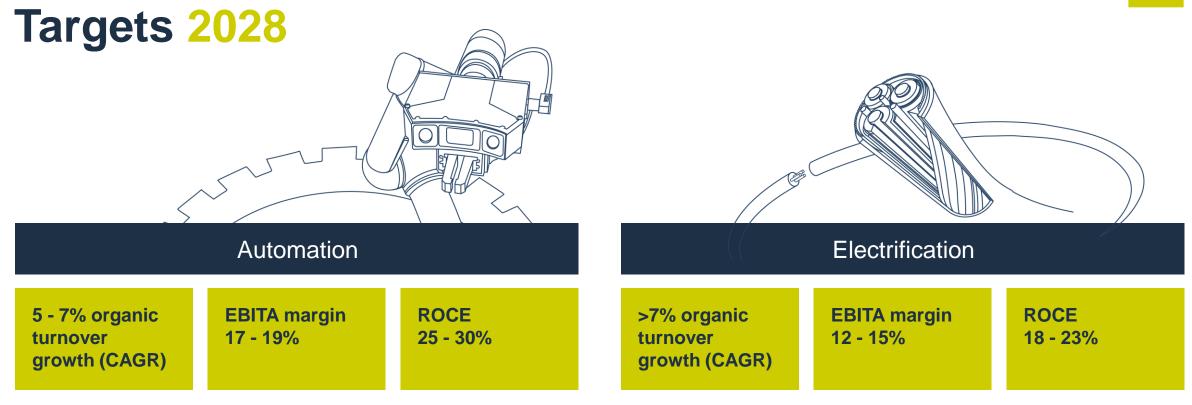
(amounts in million €)

|                     | Automation | Electrification | Divestments | Other | Total<br>H1 2025 |
|---------------------|------------|-----------------|-------------|-------|------------------|
| Turnover            | 498        | 350             | 14          | -3    | 858              |
| Added value         | 287        | 139             | 10          | 0     | 435              |
| Added value         | 57.6%      | 39.6%           | 69.4%       |       | 50.7%            |
| EBITDA              | 101        | 20              | 0           | -11   | 110              |
| EBITA               | 88         | 4               | 0           | -11   | 80               |
| ROS                 | 17.6%      | 1.1%            | -1.7%       |       | 9.3%             |
| Capex               | 36         | 34              | 1           |       | 71               |
| Capital<br>Employed | 701        | 690             | 22          | -1    | 1,412            |
| ROCE                | 27.5%      | 2.3%            |             |       | 13.4%            |

#### **Remarks**

- Divestments include HE System Electronic, EKB Groep and Dewetron; Dewetron is expected to be closed in 2025
- Electrification includes Electrification, Digitalization and other non-core businesses





- Segments and target ratios are excluding the unallocated support and head office costs
- The possible impact of intended future divestments of non-core activities, like Digitalization, have been incorporated in the targets above
- The targets are excluding the effects of the intended separation of Electrification



A&P

TKH Capital Markets Day 25 September 2025

