

Zumtobel Group

October 12, 2021

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Capital Markets Day



Alfred Felder, CEO

October 12, 2021

1	The Zumtobel Group at a glance
2	Successful transformation and restructuring
3	Market outlook and growth opportunities
4	Components segment
5	Lighting segment
6	Sustainability and digitalisation

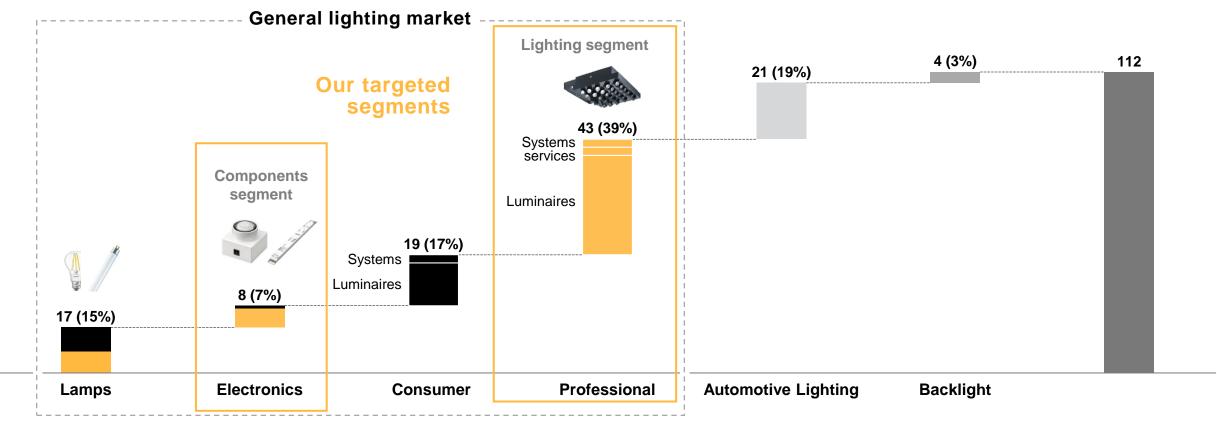
The Zumtobel Group at a glance



Figures are based on consolidated financial statements financial year 2020/21 (May 1, 2020 – April 30, 2021)

The global lighting market – structure and size

Worldwide lighting market size in USD bn



Source: BCG 2020 Lighting-Market Model.

Note: Electronics for automotive lighting are not modelled separately, given the limited size of the market.

ZUMTOBEL Group

Consumer

Professional

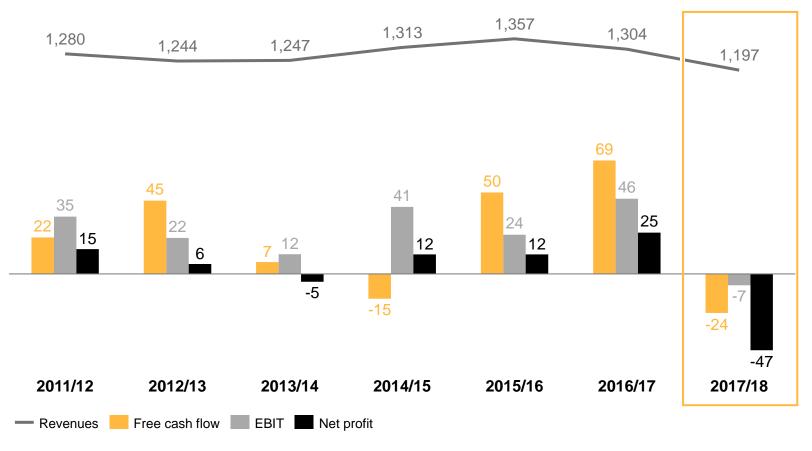
Two strong segments within the Zumtobel Group

Components segment	Lighting seg	ment				
Global Sales	Global Sales					
Brand and Portfolio Management	Brand and Portfolio Management – Services					
TRIDONIC	ZUMTOBEL					
R&D	R&D					
Global Operations	Global Operations					
Logistics & Supply Chain	Logistics & Supply Chain					
Global Purchasing						
Corporate Functions						

- Global multi-brand sales strategy
- Group-wide management and service functions for all brands
- Firewall between Tridonic and the lighting & service brands

Where do we come from?

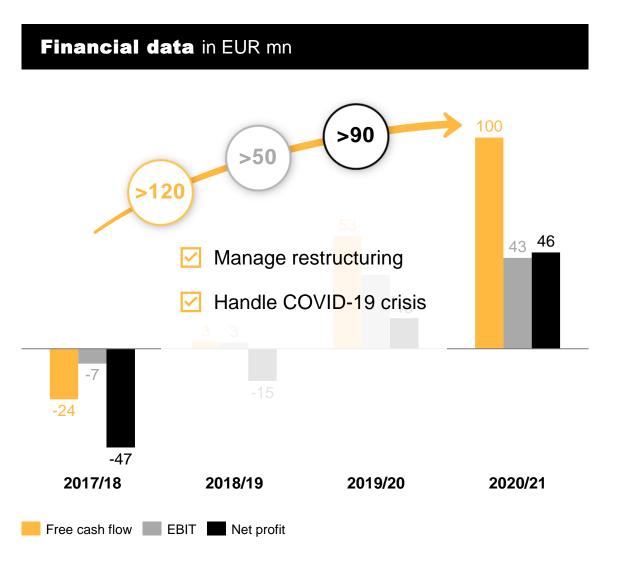
Financial data in EUR mn



Key facts

- Growth between 2013/14 and 2015/16 driven by LED transformation in Lighting and higher value per light point (both segments)
- Start of commoditisation after 2016/17 due to LED technology saturation
- High-cost structure and lack of fix cost adjustment led to a substantial drop in topline and negative net income
- Inefficient processes
- High overhead and SG&A costs

The company is back on track



Turning financials from negative to positive

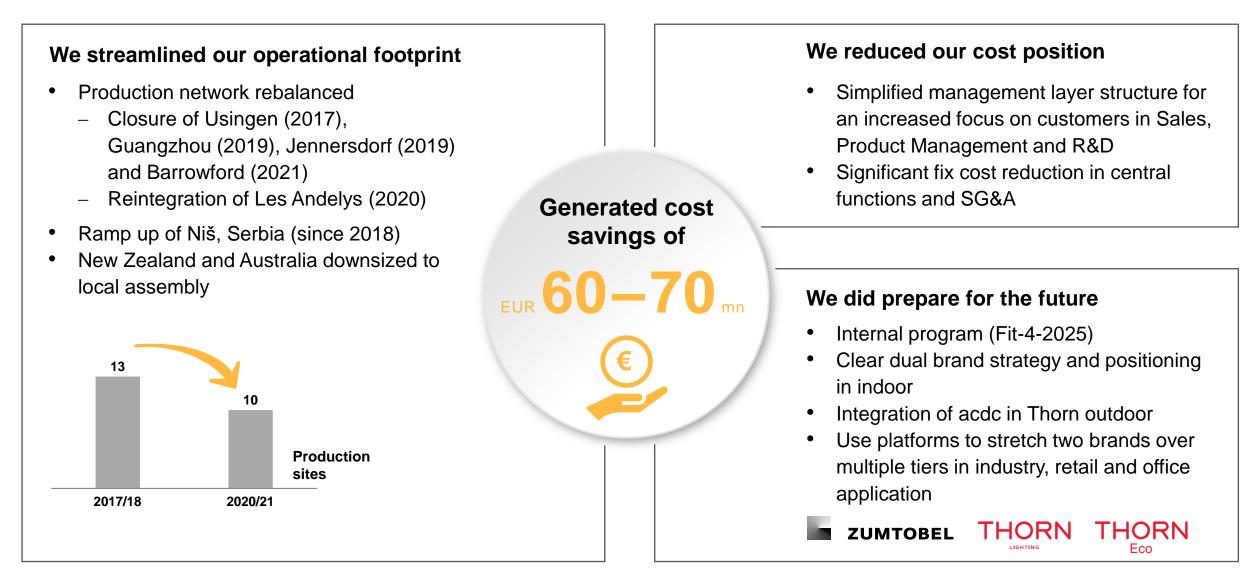
Free cash flow

from minus 24 mn EUR to 100 mn EUR

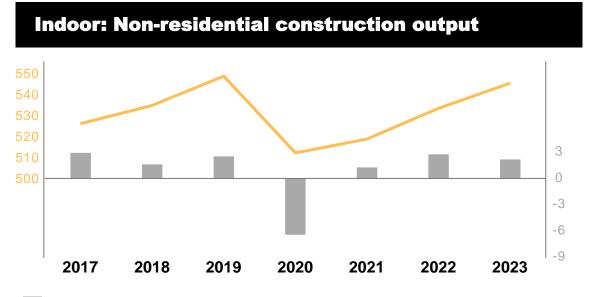
EBIT from minus 7 mn EUR to 43mn EUR

✓ Net profit from minus 47 mn EUR to 46 mn EUR

Successful transformation 2017/18 - 2020/21



How does the market develop – indoor and outdoor market outlook

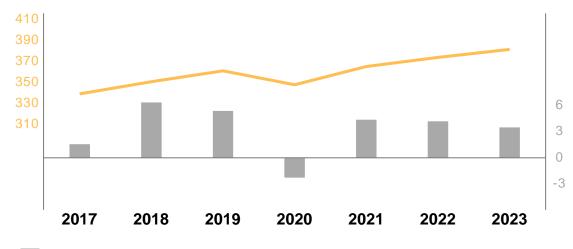


% change in real terms — Volume at constant price



Source: In accordance with EUROCONSTRUCT, June 2021 Capital Markets Day, October 12, 2021

Outdoor: Civil engineering construction



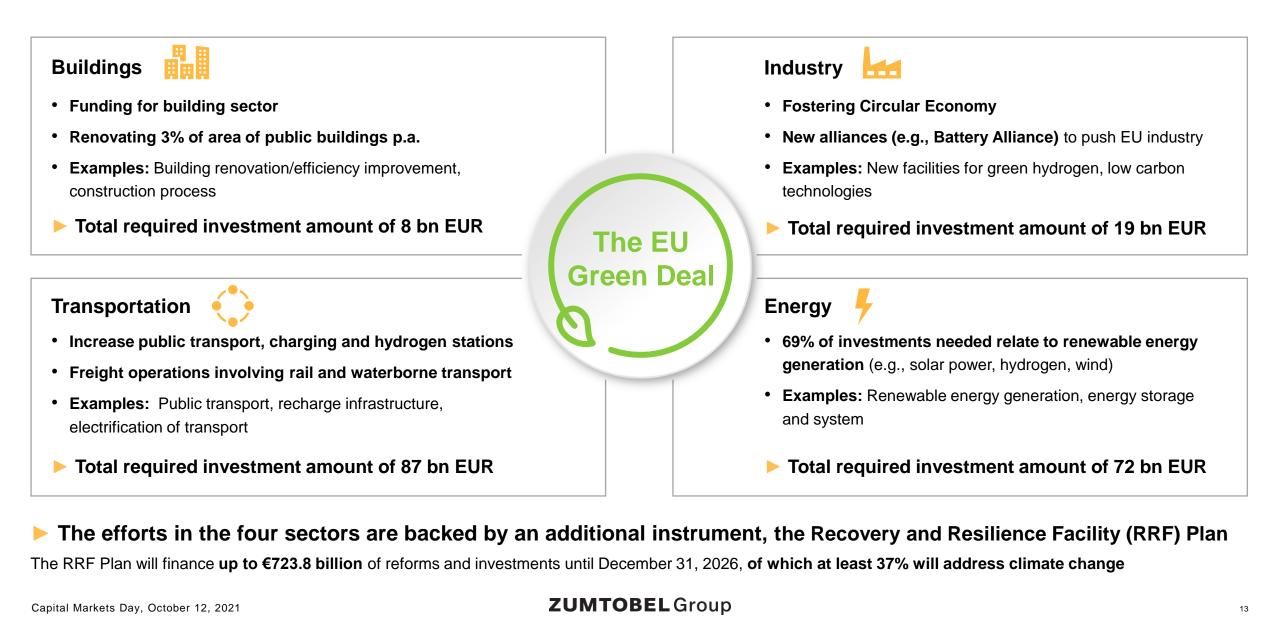
% change in real terms — Volume at constant price



The Zumtobel Group is well positioned to benefit from megatrends



The EU GREEN DEAL offers further growth opportunities in four sectors



OPERATIONAL EXCELLENCE

Efficient organisation for quality excellence and competitive cost structures along the entire value chain

Reliable supplier and customeroriented service provider

Own production with competitive global supplier network

UNIQUE BRANDS UNDER ONE ROOF

Brands that cover most of the lighting value chain: from components to overall solutions

Lighting Segment:

dual brand strategy (Thorn & Zumtobel) with balanced portfolio and mix of projects, key accounts and trade business

Components Segment: Single brand strategy (Tridonic) with high customer proximity

ENVIRONMENT AND ENGAGED EMPLOYEES

Goal: climate-neutral by 2025 and pacemaker for circular economy in the lighting sector

Zumtobel Group solutions help customers reach their sustainability goals

Foster an environment that enables employees to grow and be a strong part of the company's success

FOCUS ON KEY MARKETS AND APPLICATIONS

Sustainable and profitable growth in core applications and selected future fields

Lighting Segment: Focus on Europe and selectively in other regions

Components Segment: Focus on the global market

COMPETENCE IN Every detail

Extensive technical competence, from software to electronics

Leading innovation driver for components and sensors

Proven expertise in miniaturisation and integration of products

Internet of Things (IoT) solutions that connect the world of light

SMART SOLUTIONS AND SERVICES

CUSE

Innovative and turnkey solutions with products, systems and services, including digital offer

A key part of our distinguishing features and the driver for future growth

Services as an integral part of the offering, above all in the Lighting Segment

DIGITAL SOLUTIONS

Implement fully digital end-to-end processes from orders to after-sales

Offer digital products with enhanced functionalities

Digital services portfolio for new customer experiences and earnings models

Set for sustainable profitable growth

Generate sustainable growth while being a leader in the industry

2017-18 Uncertainty & losses

2018-2020

Begin fixing the problems Restructure and start building a solid foundation for the transformation

2021-22

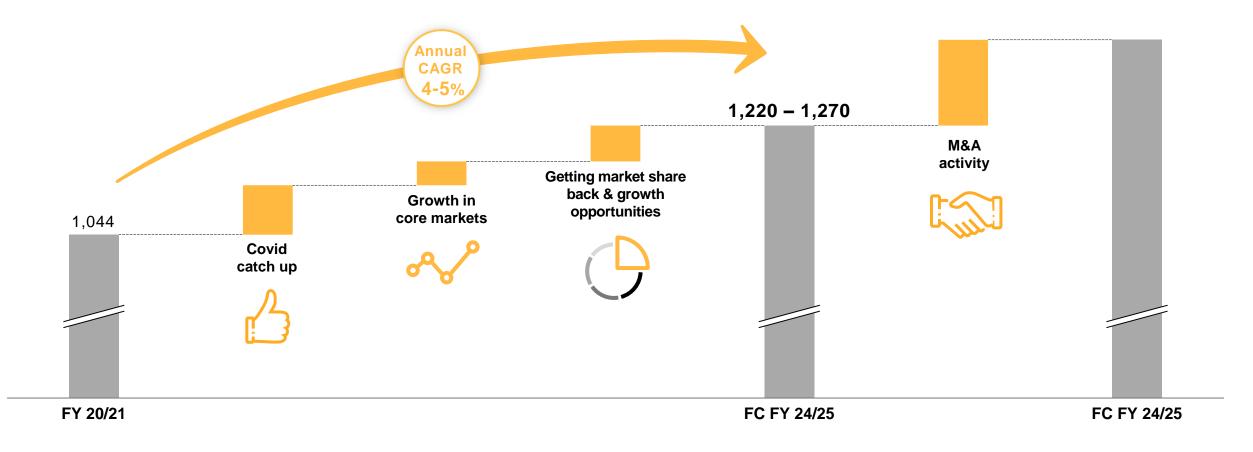
Proactive and anticipative changes to address the challenges of the future

ZUMTOBEL Group

2025

Set for sustainable and profitable growth – our growth path to 2025

Revenues development until 2025 in EUR mn



Components segment

Tridonic at a glance

Tridonic is the technology branch of the Zumtobel Group

The **LED driver** converts mains power supply into low voltage DC supply required by the LED light source

Lighting Control Systems enables automated lighting adjustment and maintenance according to needs

Wireless devices enable easy individual maintenance and steering of single luminaires or whole systems



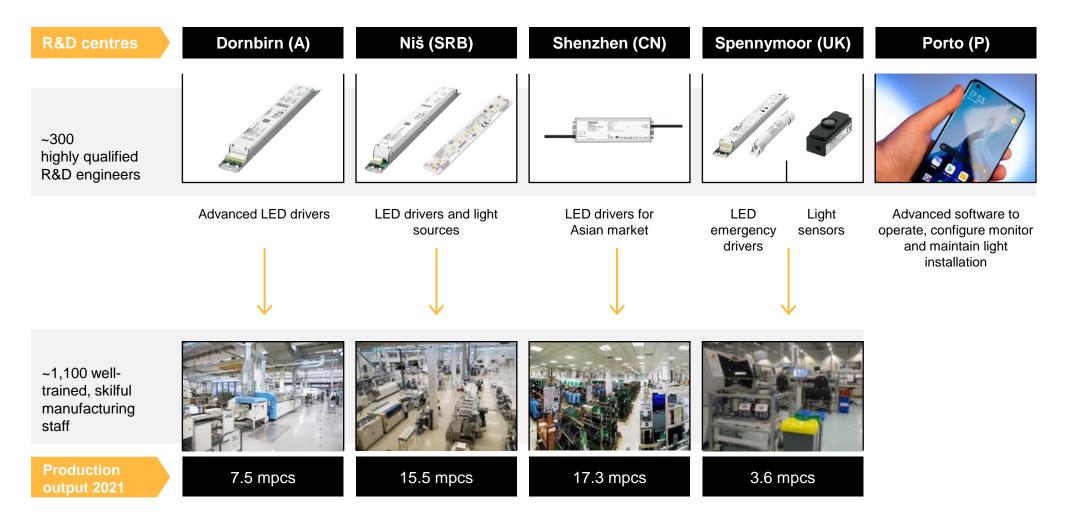
The **LED modules** carry the real light sources: semiconductors. Available in various forms and colours

Ambient light and motion detection **sensors** recognise changes and report back to the management system



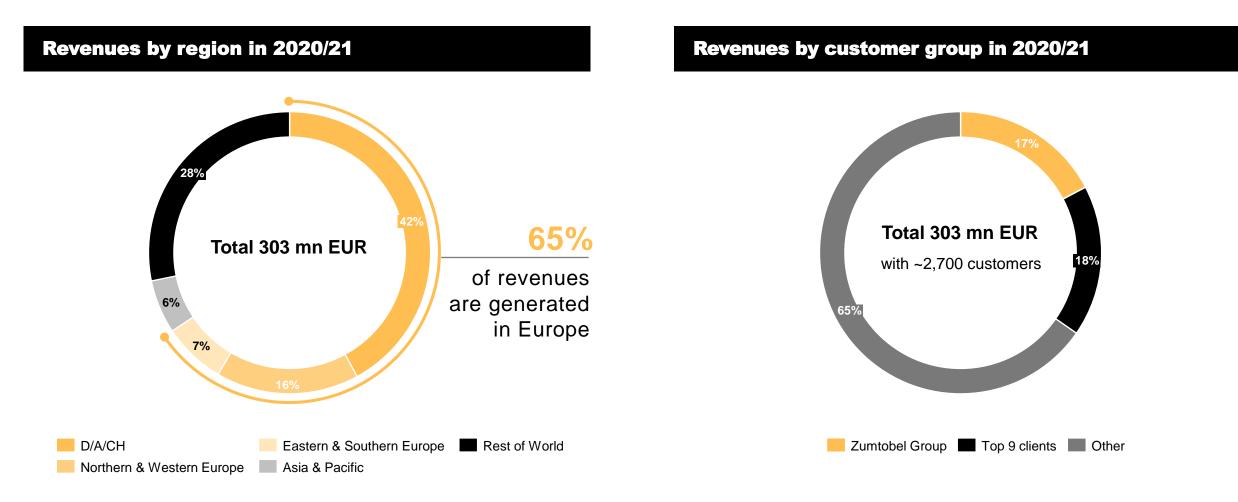
Illumination will automatically be ensured by **emergency converters and batteries** at mains interruption

Tridonic develops and produces lighting technology



The technology of Tridonic is well regarded in the market

More than 80% of the revenues are generated with competitors of the Zumtobel Lighting segment



Tridonic's technology is widely used in the lighting industry, confirming Tridonic's leading role

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Tridonic customers value Tridonic's positioning

Partnering with Tridonic ensures lighting companies worry-free technology use



Close to customers

- Local network of light experts and well qualified account managers
- Deep understanding of local needs
- Local for local production



- Proven for long lasting operation even in difficult environments
- Well designed for easy integration into luminaires
- High energy efficiency



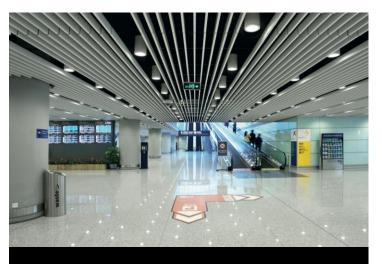
- An understanding for end customer needs
- Integrated luminaire technology and operating software
- Advanced understanding of luminaire manufacturers processes

Growth paths in the Components segment



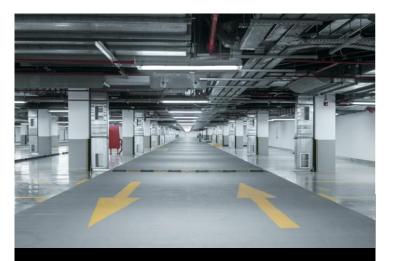
Synergies within current portfolio

- Outdoor with award winning solution SIDEREA
- Single battery emergency lighting systems
- Wireless solutions for easy deployment in any situation



Regional growth

- Underrepresented regions
 e.g. Asia
- Leverage our strong customer base in Europe

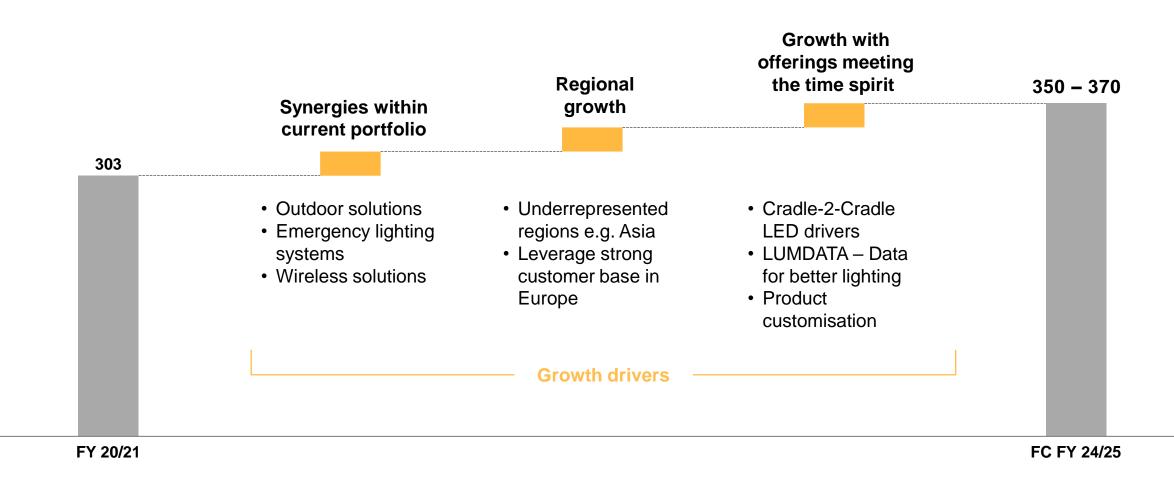


Growth with offerings meeting the time spirit

- Cradle-2-Cradle LED drivers
- **LUMDATA** Data for better lighting
- Product customization Lighting products exactly as needed

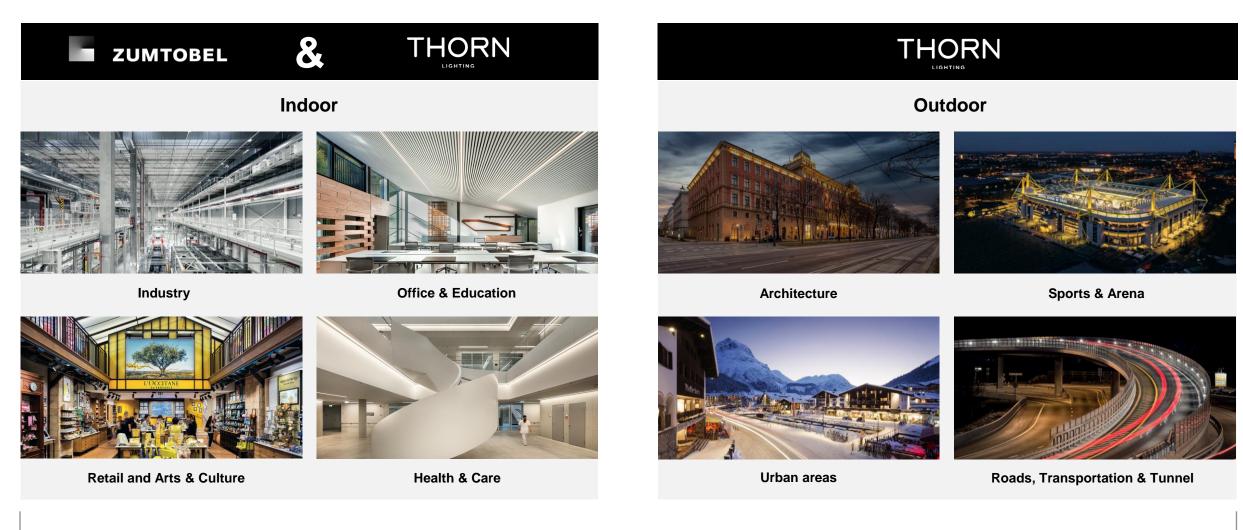
Growth drivers and opportunities in the Components segment

Revenues development until 2025 in EUR mn



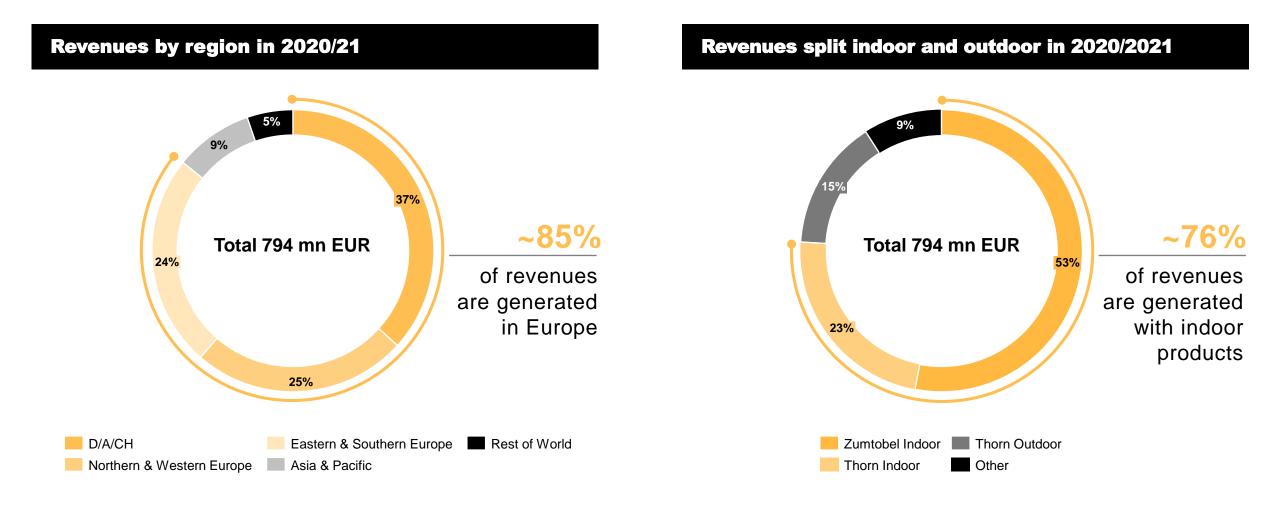
Lighting segment

The Lighting segment is based on two strong brands which are driving our growth

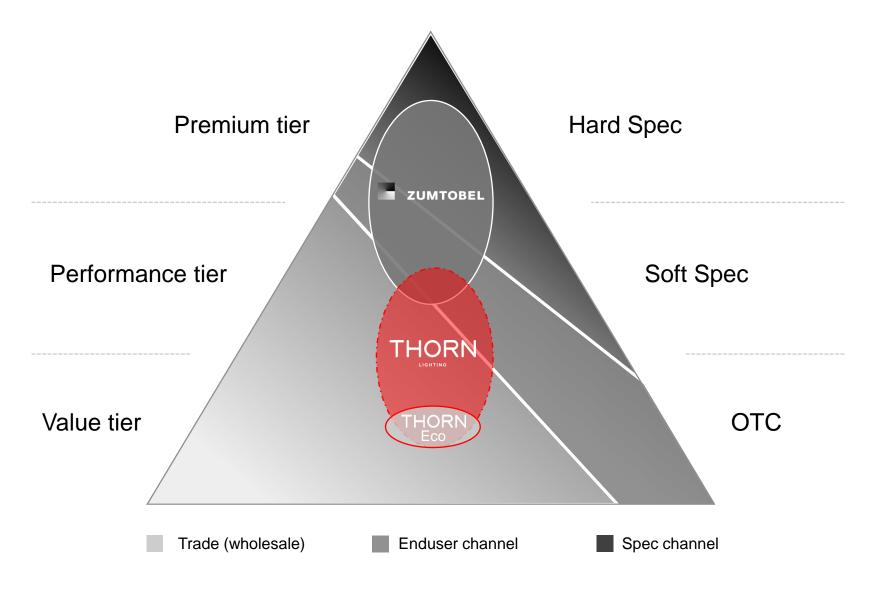


- Our two brands are active in several channels while offering our customers the best light in selected applications

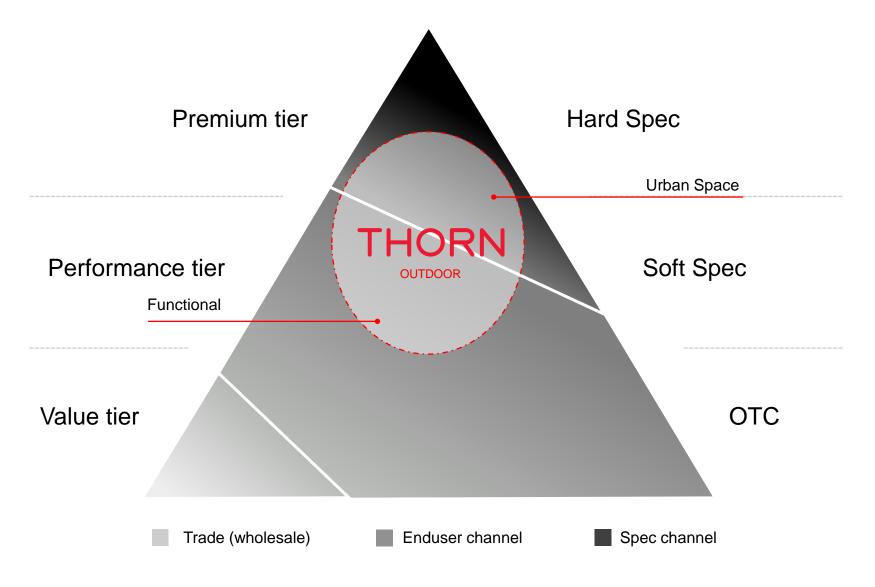
The Lighting segment is a strong European player with a focus on indoor applications & services



Brand positioning indoor luminaires & service market

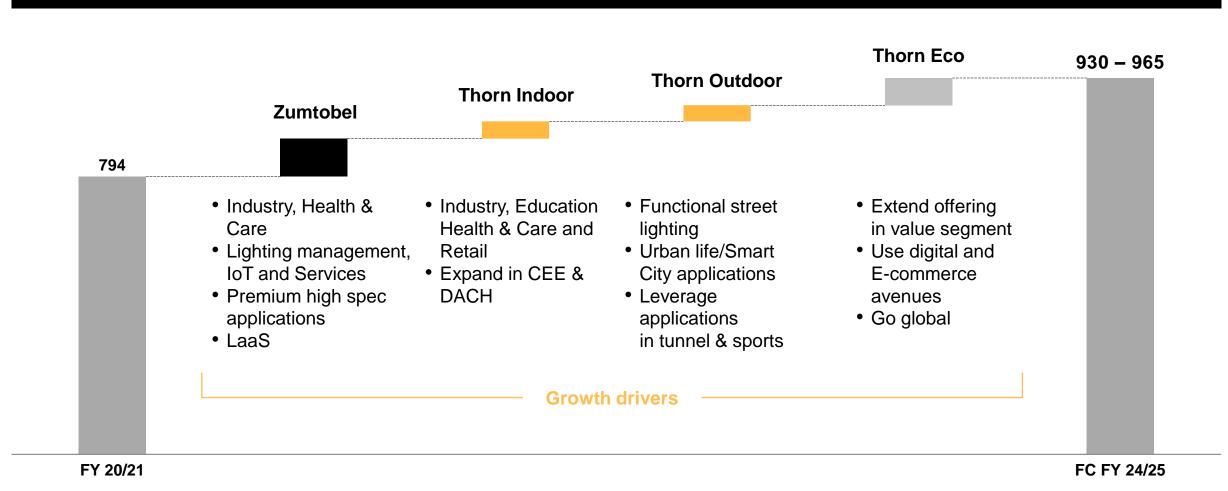


Brand positioning outdoor luminaires market

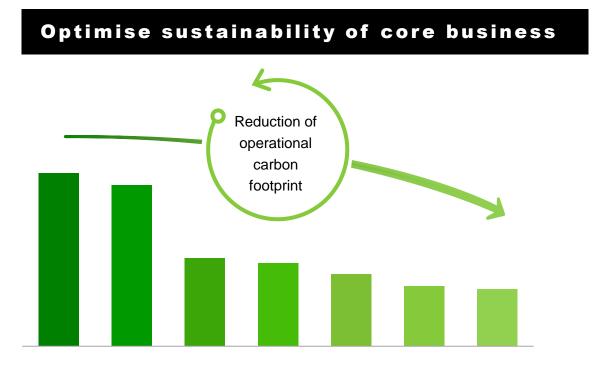


Growth drivers and opportunities in the Lighting segment

Revenues development until 2025 in EUR mn

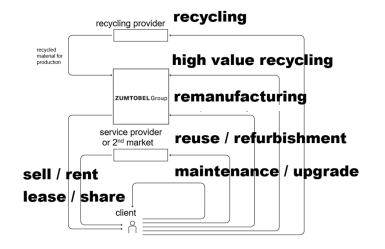


We are working intensively on further accelerating our sustainability efforts



- A roadmap has been developed to achieve Carbon Neutrality by 2025
- Initiated measures yield significant reduction in FY 2021/22
- Environmental data of products and solutions are systematically provided for our customers
- An update for ECOVADIS with significantly improved data has been submitted
- Emphasis is put on a sustainable procurement initiative

Discover circular economy opportunities



- Optimisation of internal waste management (95% recycling by 2030)
- Roll-out of Circular Design Rules in R&D
- Set-up of Cradle-2-Cradle lighthouse projects
- Business model analysis, explorative case studies and engagement with leading network partners are pursued

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We help our customers become more sustainable

Circular economy

• Existing installed Zumtobel tracks were used to carry the new LED luminaires

Business

- New LED luminaires require less frequent maintenance → reducing maintenance costs
- The temperature in the hall could be reduced

Health & biodiversity

- Human-centred lighting solution
- Reduce the blue component of the light during night shifts
- Support the human biorhythm

Efficient solutions

- Efficient luminaires
- Sensor-controlled light levels depending on daylight and employee presence
- 40% less energy use

Sustainable sourcing

• Suppliers rated on work, ethics, health, safety and environmental issues

Operations

• Production of luminaires in Dornbirn based on electricity from renewable sources (hydropower)

Product development

- Consistent design allowed for replacement of T16 by LED units in existing tracks
- Suitable optics for respective areas

Environmental data

 Environmental Product Declarations (EPDs) available describing environmental impacts over product lifecycle

For us, sustainability has a 3-fold lever

- For Zumtobel on costs (lower energy, water, material consumption, less CO₂ emissions)
 - For Zumtobel on sales and margins (through sustainable products and solutions)
 - For our customers on their sustainability (less energy consumption, less material consumption, less CO₂ emissions)

Status quo of digitalisation in different industries

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Sector	Overall digitalisation	Digital spending	Digital asset stock	Transactions	Interactions	Business processes	Market making	Digital spending on workers	Digital capital deepening	Digitisation of work	
Media											Relatively high digitisation
Finance and insurance											
Oil and gas		•				•					
Utilities		•	•		•						
Chemicals and pharmaceuticals	•		•		•			•		•	
Government			•	•	•		•	•		•	
Healthcare	•		•		•	•	•			•	
Hospitality	•	•				•					
Construction			•				•			•	
Agriculture and hunting											Relatively low digitisation

The construction industry is among the least digitised sectors. This opens up additional possibilities for growth as well as new business opportunities.

Source: In accordance with McKinsey&Company

Digitalisation of construction business via Building Information Modeling (BIM)



Project Ferrybridge 2, Multi Fuel Powerplant (UK)

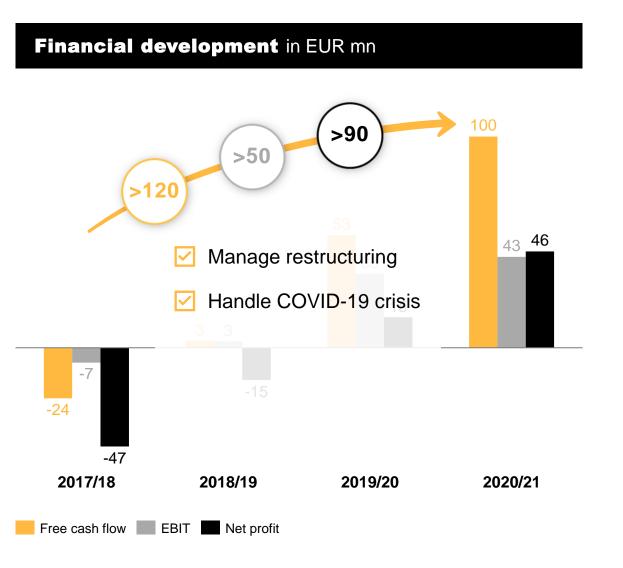
Key facts

- Client: Hitachi Zosen
- Lighting Design: Lichtvision
- Lighting Solution: Multi brand lighting solution / outdoor / higher protection rate
- Project volume: approx. 700.000 EUR
- BIM-data of our products ("digital twin" of our luminaires) enabled us to get earlier into the project and specified, helped us to close the job earlier at a better margin and further improved the relation to the lighting designer.

For us, digitalisation has a 3-fold lever

- For Zumtobel on costs (through digitisation of end to end processes from the customer to the customer)
 - For Zumtobel on sales and margins (through digital products and solutions)
 - For our customers on their costs, their time (planning, installation) and on their quality (both installation and operation)

We did our homework and we earned the right to growth



The homework we have done

- We streamlined our operational footprint
- We reduced our cost position
- We repositioned our brands
- We managed the COVID-19 crisis

Why invest in Zumtobel Group



Capital Markets Day

FOCUSED ON OPERATIONAL EXCELLENCE BENEFICIAL FOR OUR CUSTOMERS

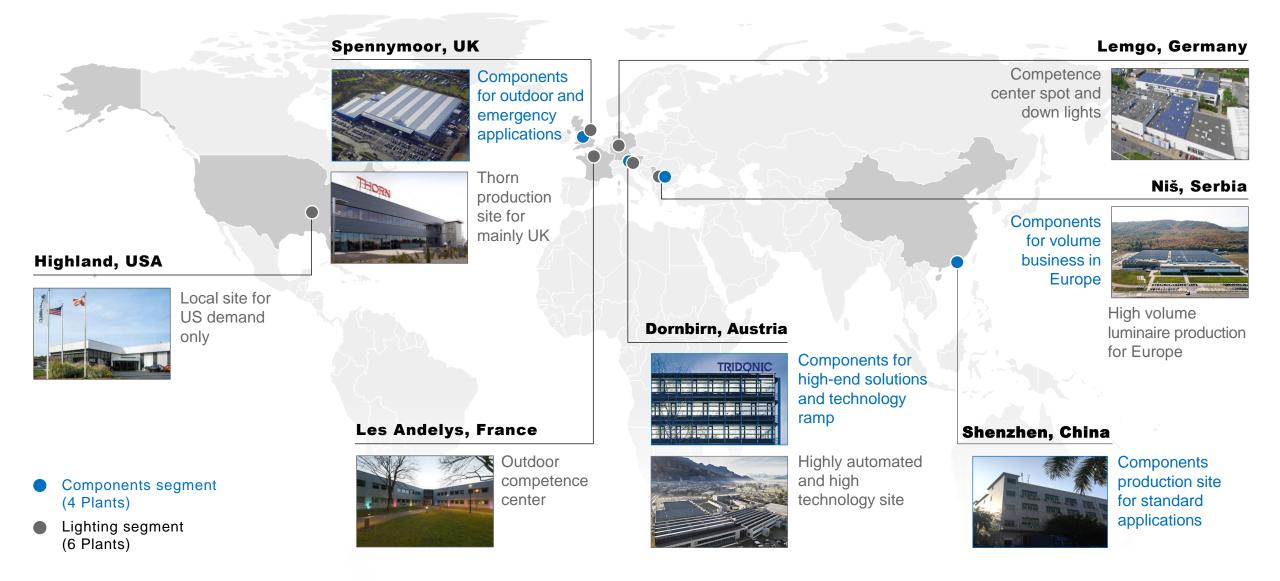
Bernard Motzko, COO

October 12, 2021

Agenda

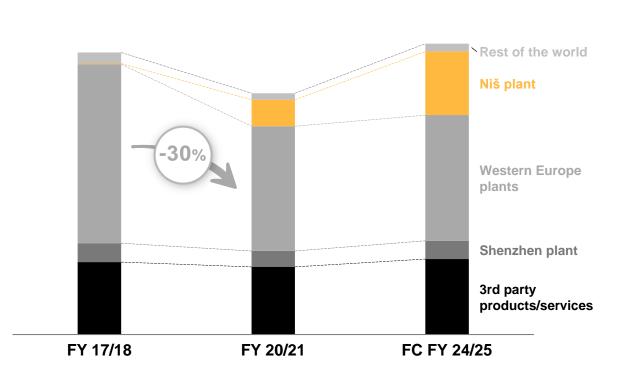
1	OUR CURRENT FOOTPRINT
2	PATH TO EXCELLENCE
3	OUR LICENSE TO OPERATE
4	SUMMARY

Efficient global production network



Our operational footprint

Transformation of product value



Key facts

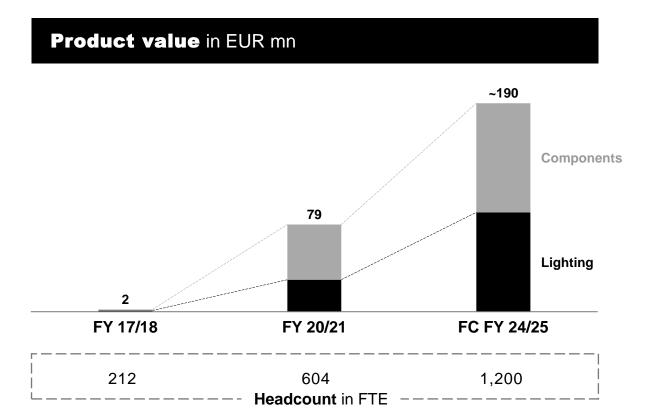
In-house production network:

- Rebalance site utilisation in production network
 - Slightly adapt Western Europe sites
 - Closure of Usingen (2017), Guangzhou (2019), Jennersdorf (2019) and Barrowford (2021)
 - Reintegration of Les Andelys in 2020
- Ramp up Niš year after year
 - Most competitive European production site
 - Excellent human resources available
- Shorten End-2-End supply chain by increased regional production

3rd party products mainly from Asia

- Thorn Eco growth for standard entry lighting applications for wholesale
- Thorn and Zumtobel branded products for portfolio enhancement with low Capex

Niš as best fit site for European Business (Components & Lighting)



Capability increase for the Group

- Research & Development
 - Production Engineering
 - Local Customer Product Design (CPD)
 - Development of new products started
 - Already 42 engineers (production engineering and CPD)
- Near-shoring of Group functionalities
 - Master Data Team
 - Purchasing Eastern Europe
 - Further Group functions
- DC for Eastern Europe and Russia etc. planned
 - Benefits of trade agreements e.g., Serbia with Russia
 - Shortcut transport distances to Eastern Europe and other regions



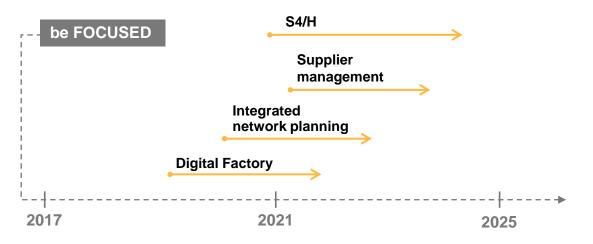
High flexibility creates customer value and additional business – Digitalisation along the value chain supports cost efficiency

Agility benefits by processes

- Market growth potentials based on high flexibility and lead time performance (CPDs, fast deliveries for higher price ...)
- Product configuration to meet customer demand
 - Make to customer order with "one piece flow" is key
 - Requested lead times to market are reducing year after year
- Customers are asking for more individualised products
 - Customised products (CPD) with fast design and delivery of Tridonic components and Lighting luminaires

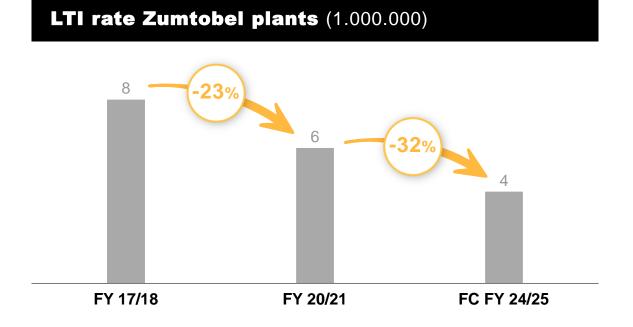
Digital transformation along the value chain

 Digital Transformation Program as part of "be FOCUSED" Group strategy (E2E planning & execution processes)





Health & safety is one of our top priorities

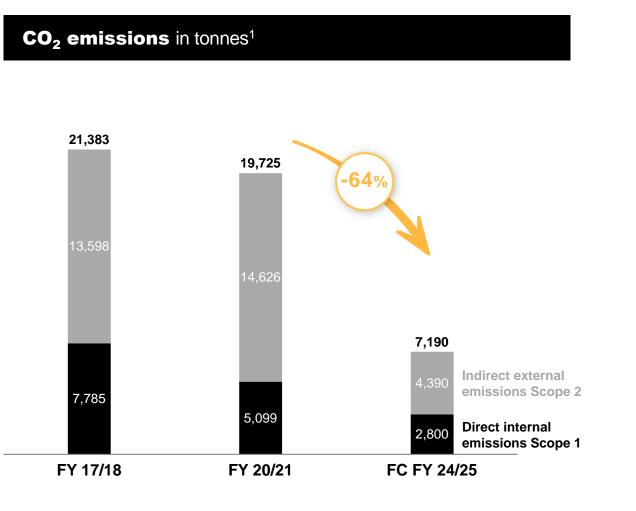




Engaged and empowered employees are key to our success

- Health and Safety certification (DIN ISO 45001) of the Components production area in Niš as the first operation site achieved in 2021
 - Planned for all other sites in the next years
- Health and safety evaluation of individual work areas
- Regular safety trainings of employees
- Occupational health offerings and health-promoting events for employees
- Covid protection measures in place with offering of vaccination

Our way to become net zero in our operations (Scope 1 & 2)

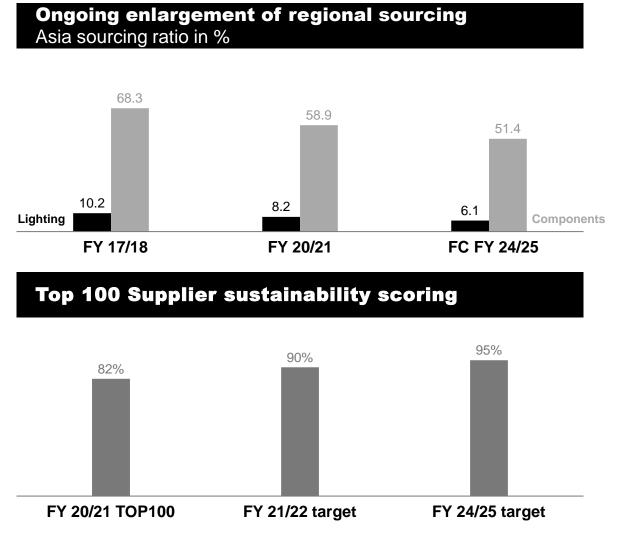


Main objectives till FY 20/21 and optimization potentials in upcoming years

- Although we ramped up Niš we could reduce CO₂ emissions by 20% till last FY 20/21
 - Optimisation of power consumption of machines, illumination and heating processes in Spennymoor
 - Invest in photovoltaics in Dornbirn plant
 - Local heating with biomass in Dornbirn
 - 25 years Ökoprofit Austria
- With usage of hydropower and green electricity significant drop of Scope 2 emissions to <4500 already in FY 21/22
- Further potentials will be realized thanks to — Usage of biogas, district heating, local heating with
 - Usage of biogas, district heating, local heating with biogas
 - Optimisation of power consumption of production machinery
 - Cooling system upgrade for injection moulding and paintshop heating processes

¹ Predominantly related to operations

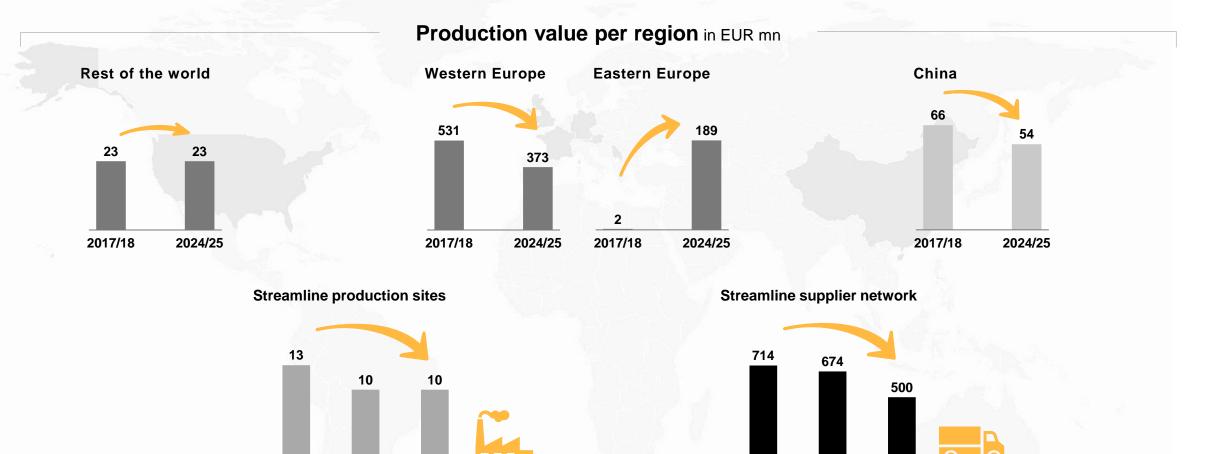
Our supplier network as part of Scope 3



Achievements and outlook

- Till FY 20/21 achieved:
 - Extensive supplier sustainability **audits**
 - **Conflict materials** and Reach/Rohs confirmations
 - Supplier code of conduct updated
 - Increased local sourcing with less CO₂ related to transport
 - Supplier sustainability questionnaire and scoring; risk countries assessment
- Upcoming years:
 - Full material declarations & Cradle2Cradle certifications
 - CO₂ visibility and permanent reduction of supplier base
 - Supplier full engagement and contractual targets for ongoing CO₂ reduction with reporting

Our optimized operational footprint in 2025



ZUMTOBEL Group

2017/18

2020/21

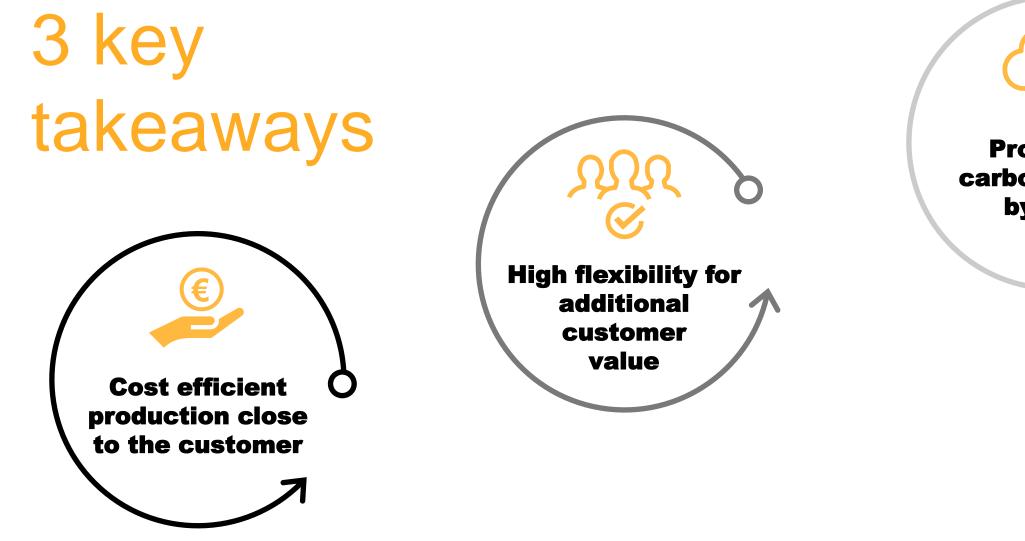
2024/25

2017/18

2020/21

2024/25

Operational priorities in a nutshell



Producing carbon neutral by 2025 **Capital Markets Day**

FOCUS ON VALUE CREATION

Thomas Erath, CFO

October 12, 2021

Agenda

01	SETTING THE SCENE
02	FOCUS ON VALUE CREATION
03	SUMMARY

Successful transformation 2017/18 - 2020/21

Spennymoor, United Kingdom

- **Restructuring** production plant
- Downsizing to Brexit needs

Nelson, United Kingdom

- Closure of acdc production site
- **Transfer** of remaining products to Spennymoor

Les Andelys, France

- Restructuring Plant Les Andelys
- **Change** in management control to improve delivery performance

Lemgo, Germany

- **Restructuring** sales organisation and production plant
- Reduction of sales offices
- **Dornbirn, Austria Transition** to highly automated production facilities
 - Optimised logistics

Niš, Serbia

- Opening new plant
- Low-cost production facility with 32,500 m² for both segments

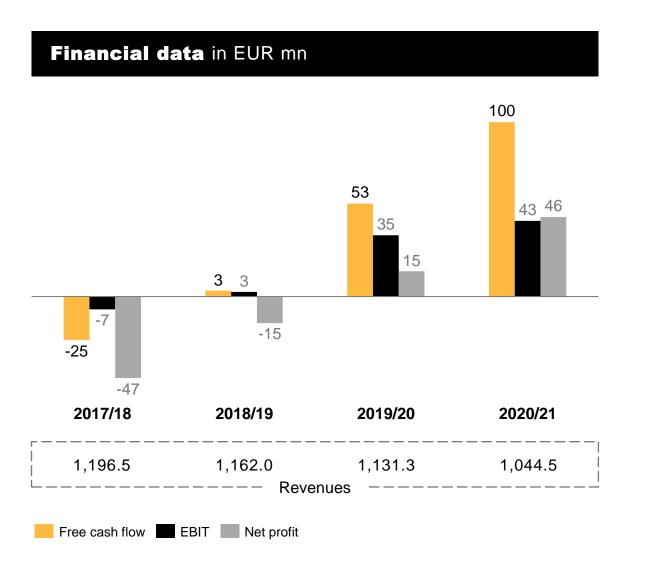
Jennersdorf, Austria

- Closure of facility
- Transfer of products to Niš

Guangzhou, China

- **Downsizing** of plant and R&D
- Switch to 3rd party products

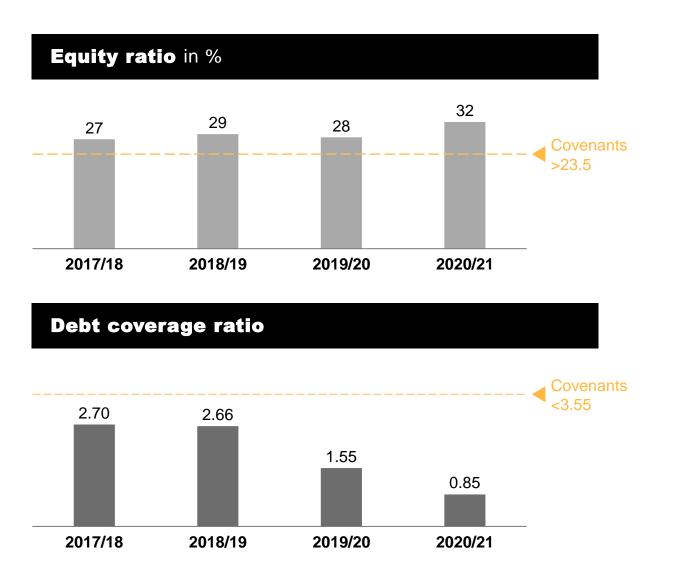
Substantially improved financial performance



Key facts

- New Board executed necessary restructurings and focuses on the transformation of the company into a performance organisation
- 2018/19 was a year of transition
- 2019/20 focused on transformation and regaining profitability
- 2020/21 despite Covid-19 significantly increased profitability partially from one-time effects

Solid balance sheet



Solid liquidity position backed by

- Consortium credit agreement with a term ending Nov. 2022 and a max. volume of EUR 200 million, whereof EUR 20 mn (Sept 30, 2021) drawn
- Negotiations for refinancing started
- Two long-term credit agreements of EUR 40 mn each with the European Investment Bank (EIB)
- Uncommitted lines of credit totalling EUR 62.9 mn

Financial covenants attached to:

- Debt coverage ratio¹ < 3.55
- Equity ratio > 23.5%
- Covenants tested on Oct 31 as well April 30

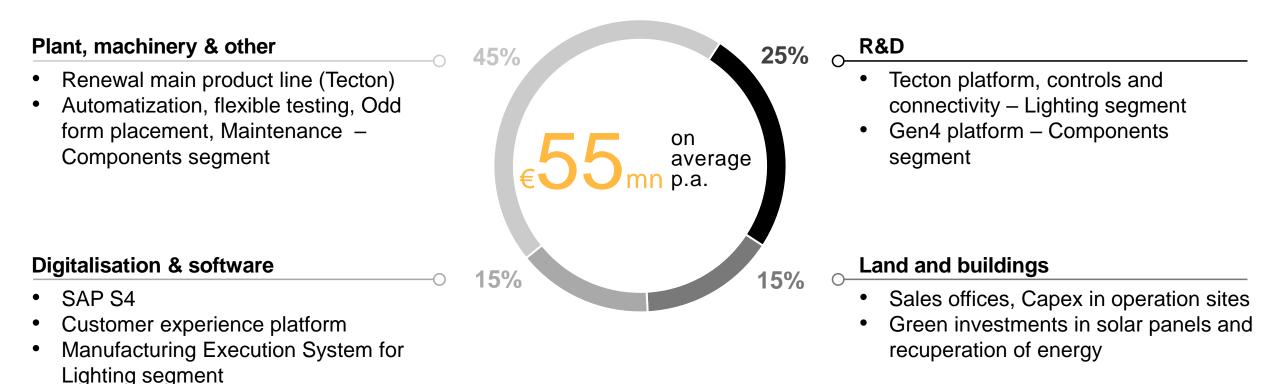
¹ Debt coverage ratio = net debt/EBITDA

FOCUS ON VALUE CREATION



Smart capital allocation - disciplined investing while growing

Estimate CAPEX spending between 2021/22 until 2024/25



The drivers for our organic growth

Components segment

Synergies within current portfolio

- Intelligent Outdoor systems (Siderea)
- Emergency systems
- Wireless solutions (refurbishment)

Regional growth

- Grow in under represented regions with some investment in sales force
- Leverage strong market position in Europa

Growth with offerings meeting the time spirit

- Sustainability / cradle-2-cradle
- Data management
- Customization

Lighting segment

- Education and Health & Care benefit from investments of governments
- Industry benefits from megatrends into warehouses, data centres and green refurbishments
- Outdoor lighting benefits from smart city approach, EU infrastructure projects and energy reduction
- Growth with value tier portfolio in non-core markets (MEIA, South America)

Our M&A criteria for inorganic profitable growth

- Geographical white spots
 - Data collection & analysis

 New technologies & applications New business models

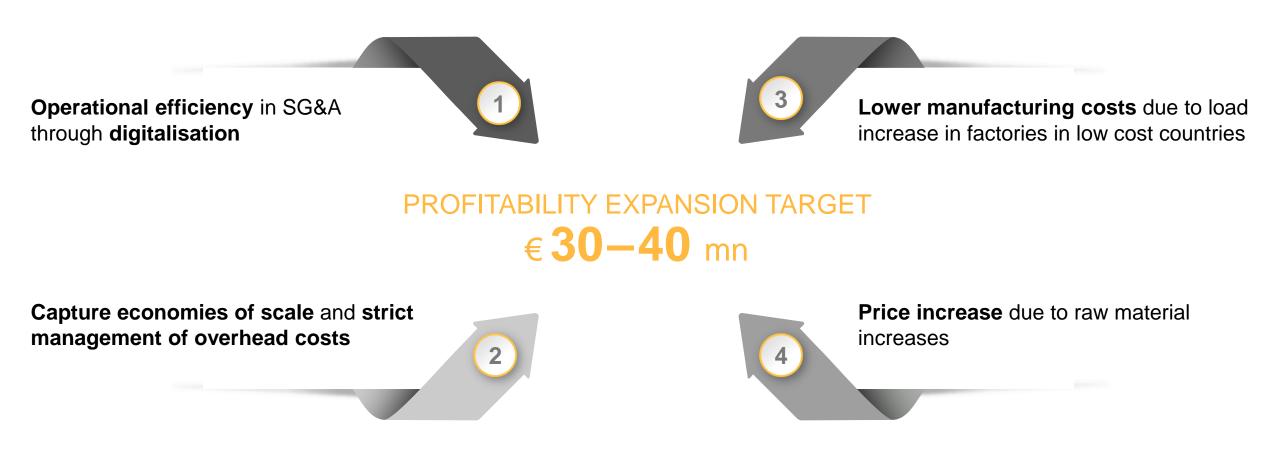
HOWEVER: Growth not at any cost. We are looking for profitable growth.

Acquisition

capacity

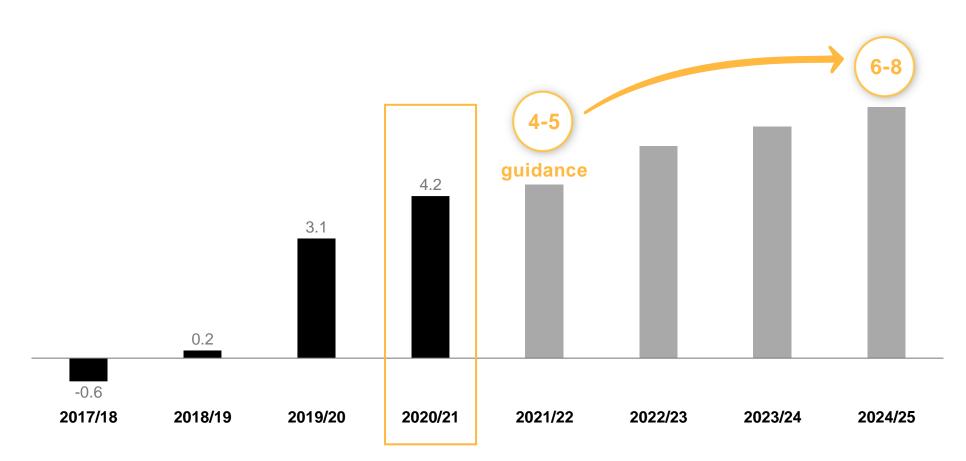
€200-300mn

Cost discipline remains an imperative to increase EBIT margin by 2024/25



EBIT margin development until 2024/25

EBIT margin in %



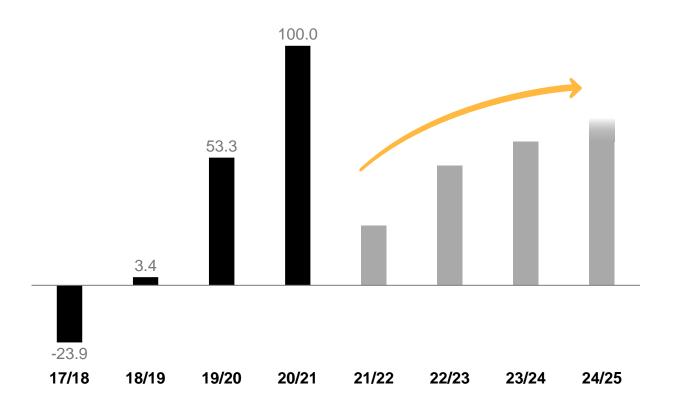
Investments into the future like

- Digitalisation (e.g., SAP S4, digital customers journey)
- Innovation and product
 portfolio
- Further streamlining of the organisation
 will restrict the profitability

in the near future

Sustainable cash generation to fund further growth

Development of Free Cash Flow in EUR mn



 \rightarrow Exceptional 2020/21 Free Cash Flow has been positively impacted by Covid-related one-offs and low CAPEX level

Sustainable Cash Flow generation backed by

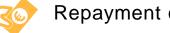
- Profitable growth •
- Continuous cost optimization •
- Maintain working capital discipline •
- Smart CAPEX spending •



M&A and resulting Capex



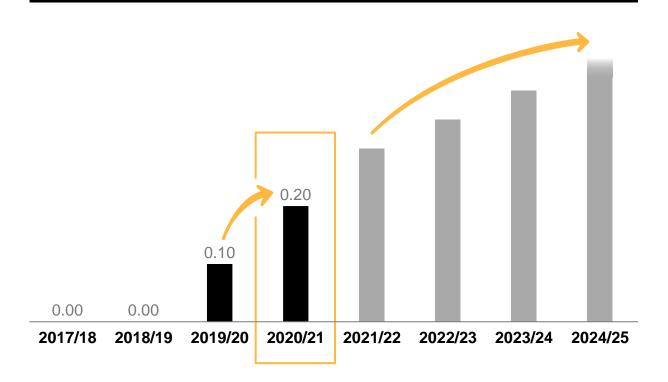
Continuous and reliable dividends



Repayment of loans

Dividend policy will be maintained

Dividend in EUR



Dividend policy

- We are committed to delivering a continuous and reliable dividend
- We aim to distribute approximately 30% to 50% of the consolidated net profit after the deduction of any special effects
- Dividend amount will depend on debt coverage ratio level in order to secure our financial stability

Financial priorities in a nutshell

