#### **STRATEGIC UPDATE 2030**





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### **TODAY'S AGENDA**

- → Get-together / Welcome Breakfast
- → Results H1 2023 / Outlook FY 2023
- → Strategy 2030
  - → Focus on employees
  - → Global-local presence
  - → Depth of value creation / Circularity
- → Coffee + Refreshments

- ightarrow Strategy 2030
  - → Expertise in the energy sector
  - → Technology leadership
- ightarrow ESG Update
- ightarrow Recap
- ightarrow Q&A
- → Flying Lunch



### **TODAY'S SPEAKERS**



Klemens Haselsteiner

CEO STRABAG SE

→ Results H1 2023
→ Strategy 2030



Marco Xaver Bornschlegl Head of STRABAG Innovation &

Digitalisation

→ Strategy 2030



Marco Reiter
Head of Investor Relations

→ Moderation



Wolfgang Zechmeister
Head of Infrastructure

Development

→ Strategy 2030



Katharina Aspalter
Senior Function Lead

Sustainability Management

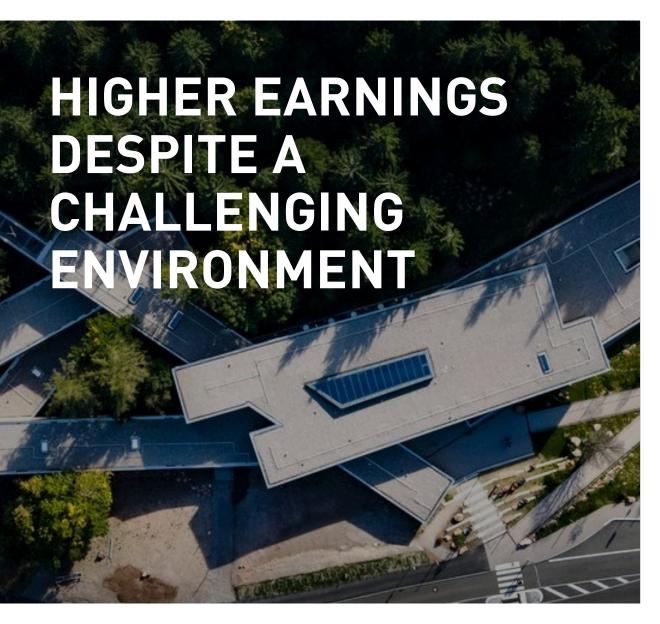
→ ESG Update

### **RESULTS H1 2023**



Klemens Haselsteiner CEO STRABAG SE





# H1 2023 EXECUTIVE SUMMARY

Output volume of € 8.3 bn | +9% vs. H1 2022

Solid growth path continued also in Q2

Order backlog of € 24.3 bn | +2% vs. YE 2022

1.3 times of expected annual output, comfortable base for 2024

EBIT of € 87.4 mn | +37% vs. H1 2022

Earnings enhancements, non-recurrence of charges against earnings

#### **Balance sheet remains robust**

Net cash position of € 1.5 bn, equity ratio of 32.6%



## MIXED TRENDS IN UNDERLYING MARKETS

#### **Infrastructure**

- Solid business activity
- Particularly in transportation infrastructure

#### **Transportation infrastructure:**

> 40% of Group output volume

#### **Building construction**

- Partly declining trends
- Especially in residential construction
- Most pronounced decline in residential construction in AT high rates + tightened lending guidelines

#### Residential construction:

< 10% of Group output volume

#### **Public vs. private customers**

- Further shift from private to public contracts
- Trend expected to continue in the short-term

#### Client structure:

> 60% public customers

STRABAG IS WELL POSITIONED TO BALANCE OUT DECLINING TRENDS IN INDIVIDUAL CONSTRUCTION SEGMENTS



#### STRONG OUTPUT GROWTH ACROSS ALL SEGMENTS

North + West

Share of Group output volume (%)



3,628 Output volume (€ mn)

10,530 Order backlog (€ mn) 63
EBIT (€ mn)

21,787 Employees (FTE) Germany, Switzerland, Benelux, Scandinavia, Ground engineering

Regions/Areas

South + East

Share of Group output volume (%)



2,786
Output volume (€ mn)

8,343 Order backlog (€ mn) -16
EBIT € (mn)

23,493 Employees (FTE) Austria, Poland, Hungary, Czech Republic, Slovakia, Adriatic, Rest of Europe, Environmental engineering

Regions/Areas

International +
Special Divisions

Share of Group output volume (%)



1,731
Output volume (€ mn)

5,367 Order backlog (€ mn) 51 EBIT (€ mn)

22,706 Employees (FTE) International, Tunneling, Services, Real Estate Development, Infrastructure Development, Construction Materials

Regions/Areas



#### **UPDATE STRABAG SHARE**

#### Shareholder structure





#### **General information**

STRABAG SE

Listed on the Vienna Stock Exchange since 2007

ISIN: AT000000STR1

Number of common shares: 99.8 mn<sup>1</sup>

S&P Rating: BBB, outlook stable

Bloomberg: STR:AV
Reuters: STRV.VI
Vienna Stock Exchange: STR

#### Update on sanctioned shareholder Rasperia

• June 2023: The **capital measures** to reduce the share of MKAO

"Rasperia Trading Limited" (Rasperia) – a company controlled by the sanctioned Russian citizen Oleg Deripaska – to below 25% were **unanimously adopted by the 19<sup>th</sup> Annual General Meeting**. The measures are intended to reduce relevant disadvantages and risks

for STRABAG SE.

The implementation of the capital measures can be completed in the first quarter of 2024 at the earliest and

is contingent upon several conditions.

• June 2023: The Klagenfurt Regional Court dismissed Rasperia's

action for annulment of the Annual General Meeting

of 24 June 2022 (decision not legally binding yet).

• July 2023: The Klagenfurt Regional Court also **dismissed** the

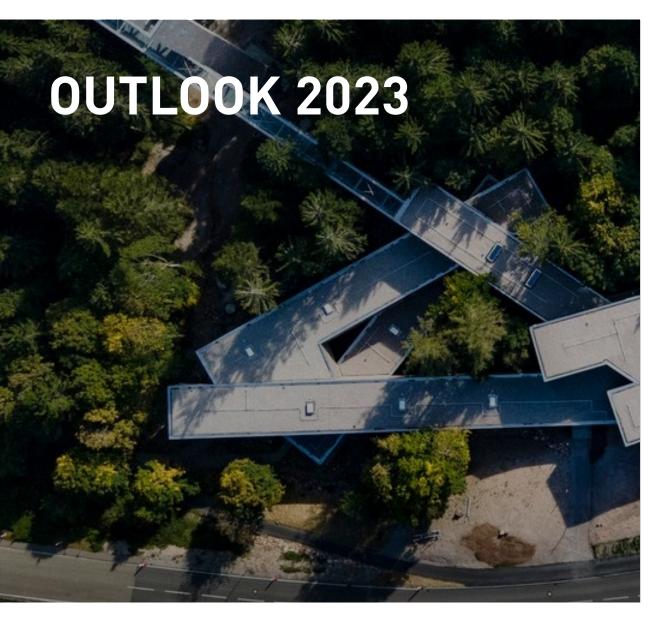
second case, the action for annulment brought by

Rasperia and Thomas Bull against resolutions of the

Extraordinary General Meeting of 5 May 2022 (decision

not legally binding yet).





# **GUIDANCE FOR FY 2023 RAISED**

	BEFORE		NOW
OUTPUT VOLUME	≽ € 17.9 bn	<b>7</b> raised	~ € 18.6 bn
EBIT MARGIN	≥ 4%	→ confirmed	≥ 4%
NET INVESTMENTS <sup>1</sup>	< € 600 mn	→ confirmed	< € 600 mn

OUTLOOK FY 2023 1- Cash flow from investing activities

### **INTRO STRATEGY 2030**



Klemens Haselsteiner CEO STRABAG SE

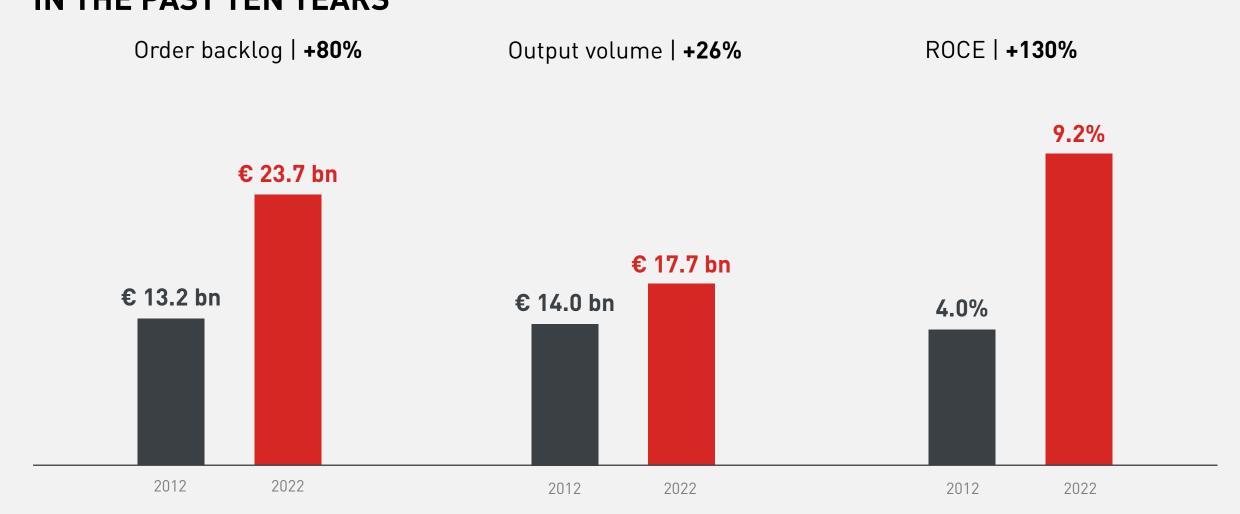


We have achieved a lot:

### SUCCESSFUL EXECUTION OF "FASTER TOGETHER 2022" STRATEGY DELIVERED EXCELLENT RESULTS

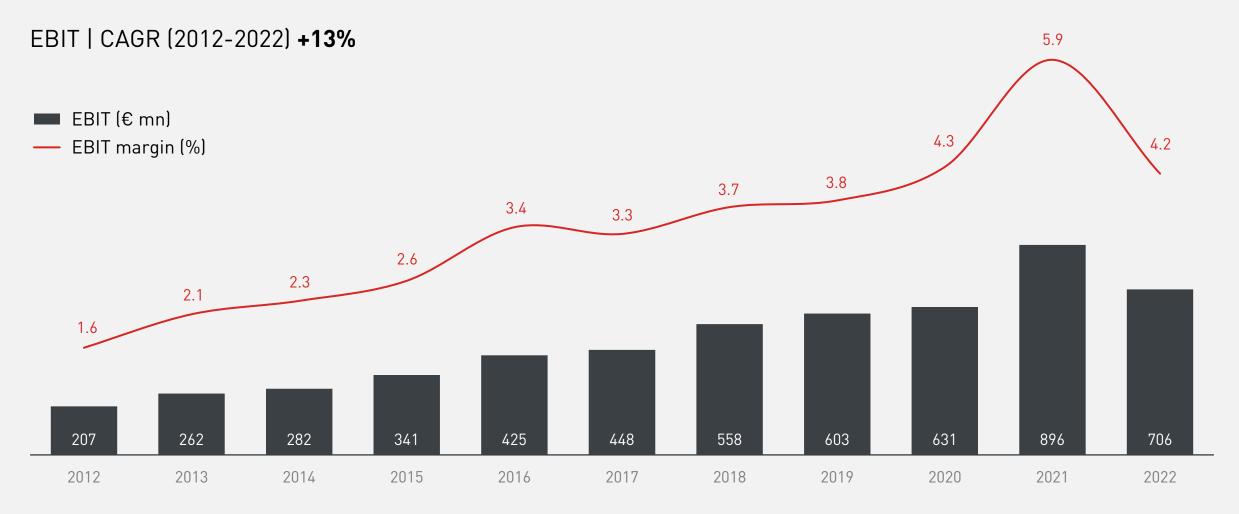


#### STRONG DEVELOPMENT OF KPI IN THE PAST TEN YEARS





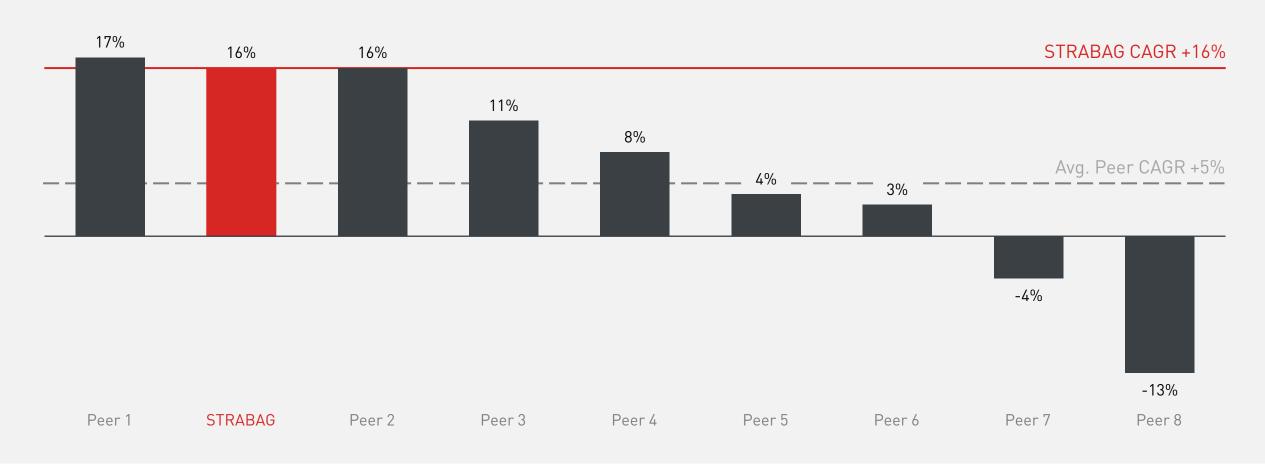
# STRONG TRACK RECORD OF SUSTAINABLE PROFIT GROWTH: EBIT MARGIN MORE THAN DOUBLED IN THE LAST DECADE





# **STRABAG LEADS THE FIELD IN EARNINGS**GROWTH COMPARED TO PEERS

Net income | CAGR (2012-2022)





# **COMMITTED TO VALUE CREATION**FOR SHAREHOLDERS

Dividend per share (€) | Share price (%)

**51%** average payout ratio in 2012-2022





€ 1.8 bn dividend paid out to shareholders in 2012-2022 But we want more:

### **MORE SUSTAINABILITY**



# Repositioning with WORK ON PROGRESS

- → Commitment to society: we actively shape change in order to achieve climate targets and save resources
- → Work On Progress seeks dialogue and exchange
- → Focus on STRABAG projects involving sustainability, innovation and digitalisation



will be climate neutral by 2040.

OUR BIGGEST CONSTRUCTION SITE: THE FUTURE.



We will be climate neutral by 2040. Let's shake on it!

> STRABAG WORK ON PROGRESS



CAN'T WE MAKE CONCRETE GREENER?



We're using sustainable materials to save CO<sub>2</sub> and energy.

> STRABAG WORK ON PROGRESS





#### **AMBITIOUS SUB-GOALS**

2025	Climate-neutral <b>administration</b>
2030	Climate-neutral construction projects
2035	Climate-neutral operation of buildings
2040	Climate-neutral building materials and infrastructure

#### And now:

### **ONWARDS TO 2030!**







### **OUR AMBITION**

We are convinced that these priorities will make us more successful economically.



#### **OUR TARGETS**

Increase employee retention by 6% compared to the previous year.

Reduce CO<sub>2</sub>e emissions per euro earned by 6% per year.

Increase digital maturity along the value chain by 6% per year.

**6%** EBIT margin by 2030



#### **KEY STRATEGIC TOPICS**

Successful, sustainable management does not mean looking only one-dimensionally into the future. **We want to achieve more.** 





#### **Employee focus**

promotes our most important asset: people.



#### Global-local presence

ensures that we are anchored in the local communities.





#### Circularity

helps us fight environmental pollution and the shortage of raw materials.



#### **Expertise in the energy sector**

makes us a key player in shaping the energy transition.





#### Technology leadership

helps us to constantly become more efficient and effective.



#### Depth of value creation

makes us more resilient to external influences.

### **STRATEGY 2030**



Klemens Haselsteiner CEO STRABAG SE





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Key strategic topics:

# PEOPLE FIRST! WE FOCUS ON OUR EMPLOYEES: OUR MOST IMPORTANT ASSET



#### A JOB WITH PURPOSE: BUILD THE FUTURE WITH US

Progress starts with our colleagues.

They initiate **innovations**, drive the **digital change** and contribute to making STRABAG **climate-neutral**.

STRABAG is the strongest force for building a better future.





### A CULTURE WHERE YOU CAN MAKE THE DIFFERENCE

We are looking for people who prefer to build progress themselves instead of waiting for it. For all those who **challenge themselves** every day, **contribute creative ideas**, **think and act with foresight**.

#### Strong corporate values:

Commitment

Innovative spirit

Respect

Trust

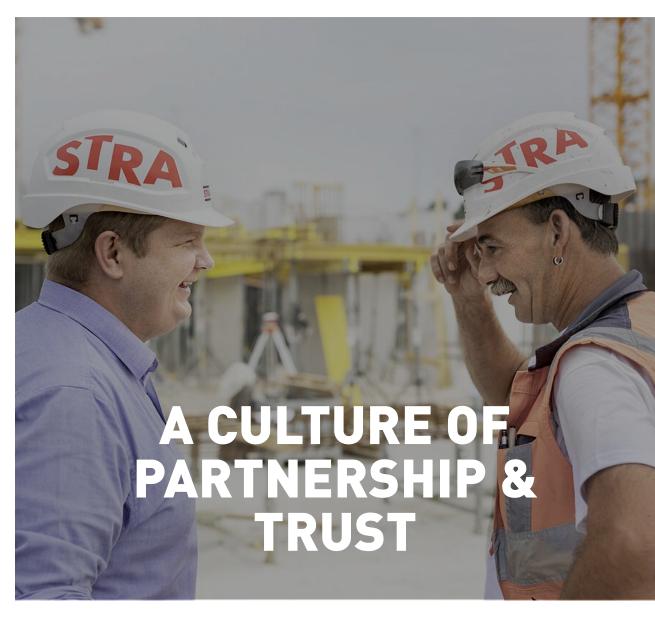
Sustainability

Solidarity

Modesty

**Partnership** 

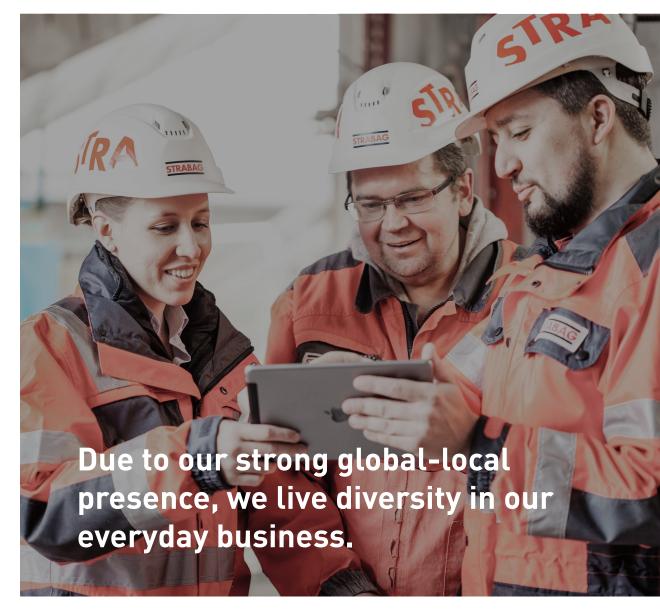
Reliability





# WE ARE CONVINCED THAT DIVERSE TEAMS PERFORM BETTER

83,900	employees
5	continents
> 50	countries
148	nationalities
10%	women in senior management
31%	women in white-collar positions



STRATEGY 2030 Figures as at 30 June 2023



**Health & Safety KPI** (2022 vs. 2021)

#### HEALTH, SAFETY & WELLBEING: BEST-IN-CLASS AS THE GOAL

#### **Vision Zero – Zero Accidents**

### New division **Health Safety Wellbeing & Management Systems**

→ Reports directly to the CEO

#### Realignment of the following topics:

- → Health and Safety
- → Integrated Management Systems
- → Environmental and Energy Management
- → Occupational Health Management



#### STRATEGY 2030



# TRAINING & DEVELOPMENT: GET STARTED WITH STRABAG



**Apprentices** 



Trainee Program



STRABAG Academy



STRABAG Camp[us] AT / DE





# SHORTAGE OF SKILLED LABOUR AS THE MAJOR LIMITATION FOR FUTURE GROWTH

#### **DEMOGRAPHIC CHANGE**

- → Gap Shortage of >10% of today's workforce by 2040
- → Baby boomers retirement age in the coming years
- → War for talents further intensification expected



**EMPLOYER BRANDING** 

#### **STATUS QUO**

- → Activities STRABAG on the right track with a range of measures – however:
- → Open positions ~ 3,000 Group-wide
- → New thinking comprehensive, systematic countermeasures required





# WE ARE RETHINKING THE SHORTAGE OF SKILLED LABOUR

- → Approach systematic, Group-wide and data-driven
- → Continuity time-based instead of project-based only
- → Horizon up to 5 years

- → Recruitment focus on countries with reverse demographics
- → Training decentralised, international training centres
- → Barriers legal framework



Strategic workforce planning

International skilled workers

Focus on recruitment, training, integration & retention of international skilled workers



#### **KEY STRATEGIC TOPICS**

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makes us a key player in shaping the energy transition.





#### Technology leadership

helps us to constantly become more efficient and effective.



#### Depth of value creation

makes us more resilient to external influences.

Key strategic topics:

# WE ARE EXPANDING OUR GLOBAL-LOCAL PRESENCE TO FURTHER IMPROVE OUR RESILIENCE



#### **GLOBALLY POSITIONED – REGIONALLY ANCHORED**

- → Strong regional anchoring one of the success factors of STRABAG
- → Further intensification of this principle
- → Thinking globally and acting locally is not a contradiction

#### Success factors for a strong global-local presence



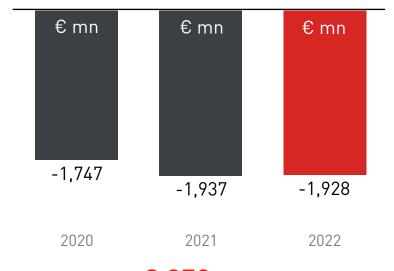


### FINANCIAL STRENGTH: STRABAG IS WELL EQUIPPED FOR FUTURE GROWTH



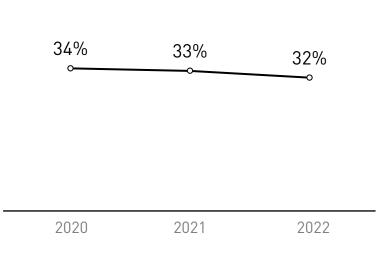
€ 10.9 bn

Access to financial resources



€ 850 mn
Average Net Cash since IPO

Solid net cash position



Target ≥ 25%

Significantly above target

Equity ratio above sector average

BBB, stable
Investment grade rating by S&P

Most recently confirmed in 2022



### GLOBAL-LOCAL PRESENCE: ANCHORED IN THE LOCAL COMMUNITIES

#### **PRIORITY #1**

Securing leading positions in core markets long-term



#### **PRIORITY #2**

International expansion: Focus on UK, Australia & the Americas





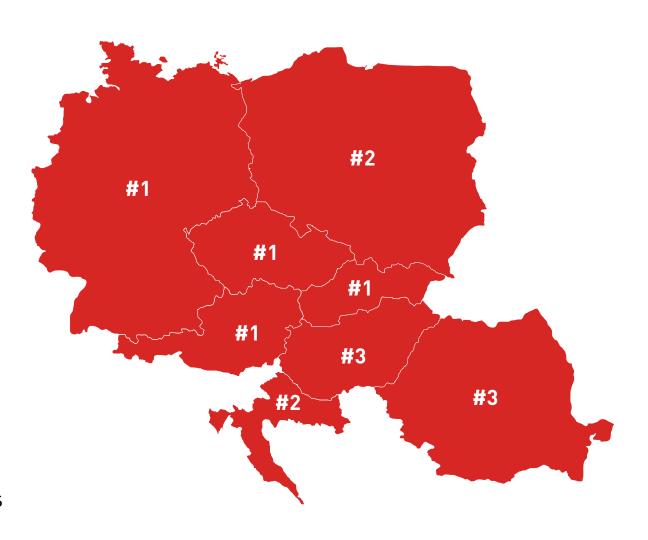
### SECURING LEADING POSITIONS IN CORE MARKETS LONG-TERM

#### **Core markets**

Continued solid growth potential in AT, DE & CEE

#### **Growth driver**

- → Market consolidation
- → Increased depth of value creation
- → Need for new or modernised infrastructure
- $\rightarrow$  EU Green Deal
- → EU Cohesion Policy
- → EU-wide and national infrastructure programs





### INTERNATIONAL EXPANSION – FOCUS ON UK, Australia & the Americas

#### Our approach

#### ightarrow Local presence

Developing project markets into markets with a local presence

STRABAG is active with megaprojects e.g. in the UK, Canada, Colombia and Chile

#### → Additional markets

Entering new markets that fulfil our criteria for a sustainable business





### DEVELOPING PROJECT MARKETS INTO MARKETS WITH A LOCAL PRESENCE

#### Why a local presence?

- → Success sustained local business success
- → Competition pure project business highly competitive
- → Risk overall, projects become larger and riskier
- → Personnel well-trained staff is lost unless follow-up projects can be acquired





### CURRENT MEGAPROJECTS AS A BASIS FOR BUILDING A LOCAL PRESENCE



### UNITED KINGDOM HS2 HIGH SPEED RAIL LINE

- → 7.5 km extension in northeast of the city
- → Project to be concluded by 2024
- → ~ € 1,400 mn



### UNITED KINGDOM WOODSMITH PROJECT

- → 37 km underground mineral transport system
- → World's largest polyhalite deposit
- → ~ € 700 mn



### CANADA SCARBOROUGH LINE 2

- → 7.8 km extension of Scarborough Subway (Line 2) in Toronto
- → Project to be concluded by 2024
- → ~ € 350 mn

STRATEGY 2030 Order backlog as at 31 Dec. 2022



### ENTERING NEW MARKETS THAT FULFIL OUR CRITERIA

#### Why additional markets?

- → Further diversifying our income streams
- → Balancing out cyclical fluctuations
- → Growing profitably in markets with solid margin profiles
- → Further enhancing the Group's critical size
- → High need for infrastructure in certain markets
- → Exploiting our expertise on a global scale

#### What criteria do markets have to fulfil?



No markets where only price counts



Our strengths are valued



In line with our strict compliance



Stability & legal certainty

Overall goal:

**DRIVING THE GROUP'S RESILIENCE** 

### MARKETS THAT STRABAG WILL ADDITIONALLY FOCUS ON IN THE FUTURE

#### Market development

Focus on UK, Australia & the Americas



#### Canada & UK

- → STRABAG already with megaprojects in these markets
- → Establishing a local presence as a target
- → Attractive markets due to high need for infrastructure



#### **Australia**

- → Attractive market due to growth prospects
- → Robust public investments going forward
- → Focus on transport, housing and energy



#### Columbia & Chile

- → STRABAG already with megaprojects in these markets
- → Establishing a local presence as a target
- → Opportunities especially in mining & renewables



#### USA

- → Currently not in focus, but prospectively of interest
- → Level of individual states
- → Partially high demand for new or modernised infrastructure



#### Africa

- → Currently not in focus, but long-term strategy required
- → Markets very heterogeneous
- → STRABAG already active to a limited extent in Africa (e.g. dam construction)



### GEOGRAPHIC TRANSFORMATION FURTHER IMPROVES RESILIENCE

#### Further diversification by geography

Keeping strong market positions in core markets

Achieving a higher share of international and European activities outside the core markets

Creating an even more balanced geographic profile

Strengthen the Group's resilience even more





#### **KEY STRATEGIC TOPICS**

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#### **Expertise in the energy sector**

makes us a key player in shaping the energy transition.





#### Technology leadership

helps us to constantly become more efficient and effective.



#### Depth of value creation

makes us more resilient to external influences.

Key strategic topics:

# WE ARE FURTHER INCREASING OUR DEPTH OF VALUE CREATION BY FOCUSING STRONGLY ON CIRCULARITY

# STRABAGIS AND REMAINS A CONSTRUCTION GROUP.



### WE ARE FURTHER INCREASING OUR DEPTH OF VALUE CREATION BY FOCUSING STRONGLY ON CIRCULARITY

#### Status quo

- → Our activities cover the entire construction value chain
- → We take an end-to-end view over the entire life cycle

#### Strategy 2030

- → Expansion of pre- and post-construction activities in the value chain which contributes positively to the core construction business
- → Focus on sustainability and circular construction





## A unique asset: One of the densest production networks for construction materials in Europe

- $\rightarrow$  Strategic access to raw materials
- → Success story of vertical integration

#### **Advantages**

- → Secures availability especially in times of constrained supply chains
- → Effective **hedge** against price fluctuations
- → Basis for **circularity** within the Group



STRATEGY 2030 Figures of 2022



### TODAY WE CAN OFTEN DELIVER MORE THAN APPLICABLE LAWS AND STANDARDS ALLOW



#### WE RECYCLE ASPHALT

- → STRABAG operates the most modern asphalt mixing plant in Austria
- → In theory, production of asphalt with 100% recycled content



#### WE RECYCLE CONCRETE

- $\rightarrow$  Recycled building rubble as a basis
- → Preservation of increasingly scarce raw materials (sand, gravel, grit)
- → Up to 45% share of recycled concrete



#### FURTHER FORWARD-LOOKING PROJECTS:

work-on-progress.strabag.com/en



### WE REDUCE CO<sub>2</sub> IN CONCRETE

- → Reduction of the proportion of cement
- → Use of alternative binders
- $\rightarrow$  Up to -50% CO<sub>2</sub>



### TRANSFORMATION TO CLIMATE-NEUTRAL MATERIALS

#### STRABAG is ideally positioned

- → ~2,300 employees in innovation, technical division
- → Innovation Center in Stuttgart, Germany



Decarbonisation of construction materials



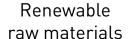
On-site recycling of asphalt

#### Climate-neutral construction materials by 2040

- → from own production facilities
- → from subcontractors and suppliers









Alternative use of secondary raw materials

SAFEGUARD AND STRENGTHEN OUR MARKET POSITION

**PRODUCT EXPANSION** 



### Building operations a key lever for energy transition

- → EU building operations to be climate neutral by 2050
- → Largest CO<sub>2</sub> emissions in the operation phase of buildings

#### Attractive business field

- → High importance of services for energy management and M&E
- → Planning and construction of climate-neutral buildings
- → CO<sub>2</sub>-optimised operation and decarbonisation of buildings





#### STRABAG MAKES YOUR BUILDING CLIMATE NEUTRAL

One strong partner – we create an all-in-one service package

#### BUILDING TECHNOLOGY

- → Heating, air-conditioning, ventilation, sanitary systems
- → Photovoltaics and e-mobility
- → Electrical, network, information and communication technology
- Measurement and control technology
- → Building and system automation
- → Fire protection and safety technology

### **ENERGY TECHNOLOGY**

- Energy management
- → Alternative energy systems
- → ESG portfolio strategy and certifications
- → Media supply
- $\rightarrow$  CO<sub>2</sub> footprint
- Energetic inspections, analyses and audits
- → Digital CO<sub>2</sub> and energy efficiency solutions
- → Metering and sensor schemes





### BUILDING ON EXISTING STRENGTHS TO CREATE A UNIQUE OFFERING

#### How do we develop the market?

- → Geographic focus initially on DE + AT + CEE
- → Approach concentration of all building services and digital energy expertise
- → Service portfolio all trades, integrated service portfolio
- → Growth organic and inorganic (M&A)



#### Why STRABAG?

- → STRABAG established and valued partner
- → Expertise in technical facility management
- → Leading market positions
- → Access to real estate owners and investors in the Group (SPFS, SRE, building construction)

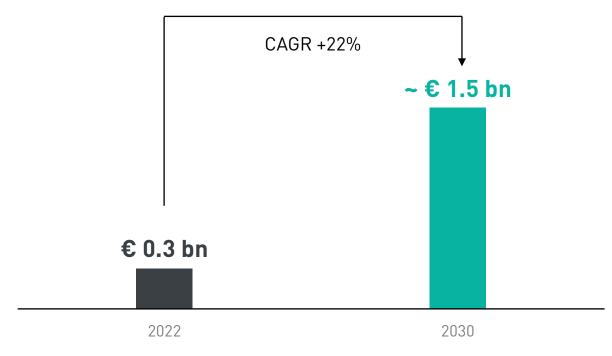


### BUILDING ON GROWTH MOMENTUM

- → Climate-neutral and decarbonised buildings as strong growth driver
- → Increase the share of **self-performed work**
- → Output volume of this unit to grow to ~ € 1.5 bn by 2030 (CAGR +22%)
- → Profitable growth with margin being above overall profitability in construction
- → STRABAG becoming the leading partner for climate-neutral buildings

#### STRABAG Business Field: Energy Management and M&E

Annual output volume targeted at ~ € 1.5 bn by 2030



STRATEGY 2030

M&E = Mechanical & Electrical



### An enormous market – with double-digit growth rates

- → > 65% of buildings in mature markets older than 30 years
- → Importance of refurbishment is increasing strongly due to scarcity of resources and soil sealing

#### **Attractive business field**

- → Strongly growing, resilient demand expected
- → Otherwise, climate targets not attainable





#### STRABAG REVITALISES EXISTING BUILDINGS

#### Service spectrum along the value chain



- → Asset and sustainability assessment
- ightarrow Engineering services
- → Recycling

- → Shell construction
- $\rightarrow$  Facade
- $\rightarrow$  M&E
- $\rightarrow$  Extension
- → Special structures

 $\rightarrow$  CO<sub>2</sub>-optimized operation











### STRABAG IDEALLY POSITIONED FOR A PIONEEREING ROLE IN RCR

#### How do we develop the market?

- → Geographic focus initially on DE + AT
- → Market segments Large-scale residential construction, public administration, education, mixed-use developments
- → Service portfolio one partner for all aspects
- → Growth organic and inorganic (M&A)



#### Why STRABAG?

- → Critical size and leading market positions in construction (#1 in DE + AT)
- → Strong regional presence in DE + AT
- → Refurbishments of all types and sizes, also listed buildings
- → Specialised units

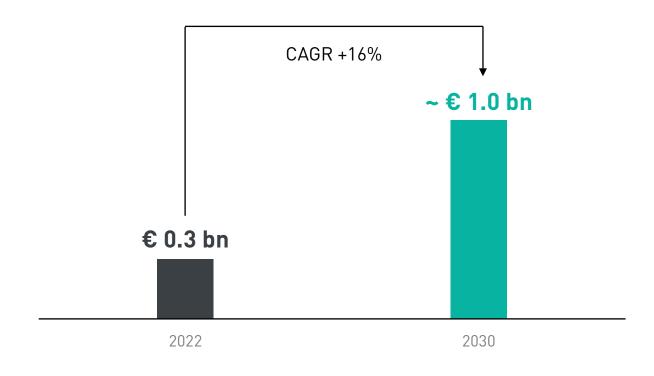
STRATEGY 2030 RCR: Reconstruction, Conversion & Refurbishment



#### A FUTURE FIELD OF CONSTRUCTION

- → Reconstruction, conversion and refurbishment as **strong growth driver** in the years to come
- → Output volume of this unit to grow to ~ € 1 bn by 2030 (CAGR +16%)
- → Profitable growth with complete projects including consulting and planning services
- → STRABAG to assume a **leading position** by consolidating existing resources and expanding the service portfolio
- → One-stop shop for reconstruction, conversion and refurbishment

## STRABAG Business Field: Reconstruction, Conversion & Refurbishment Annual output volume targeted at ~ € 1 bn by 2030





## STRABAG as #1 in DE and AT with high leverage to promote the circular economy

- → 55% of waste in DE from construction and demolition
- → 75% of waste in AT from construction and demolition

### Circular economy as EU taxonomy target

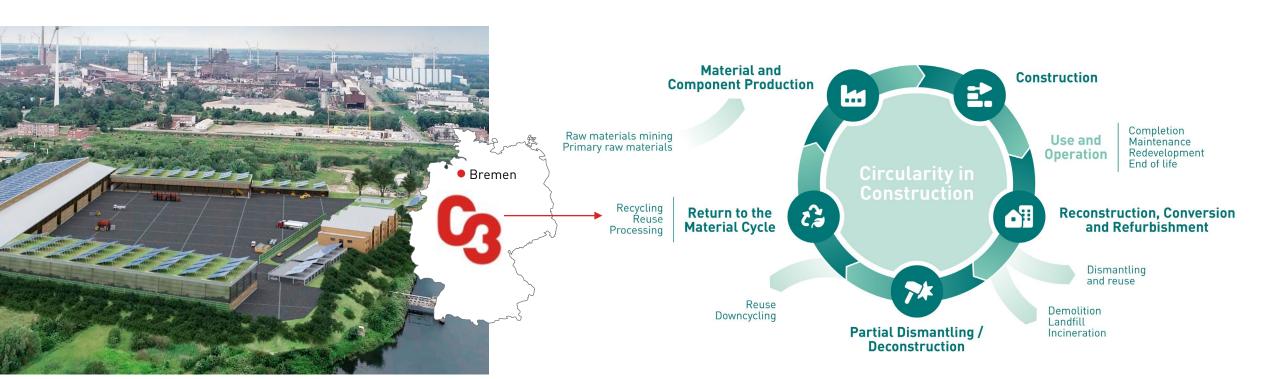
- → Demand for secondary materials will increase
- → Higher **need for recycling capacities**





### PIONEERING WORK FOR MORE RECYCLING IN CONSTRUCTION

- → STRABAG's first Circular Construction & Technology Center for urban mining and construction waste processing
- → In Bremen, on the site of a former oil port
- → Processing capacity of ~ 200,000 t/year

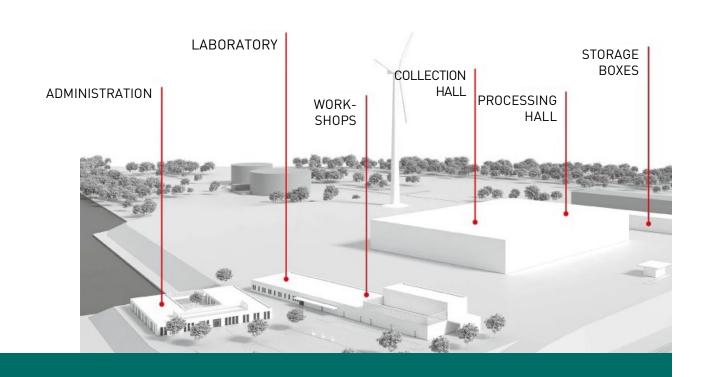




### ESTABLISHING A NETWORK OF RECYCLING CENTRES AS A TARGET

#### **Recycling Capacities**

- → C3 Bremen, Germany first pilot site
- → Europe-wide expansion network of C3 locations planned
- → Recycling capacities needed in core markets to meet future high demand
- → Recycling as a criterion more important in future contract awards



#### **Pilot location Bremen**

- Separation of deconstruction materials by type
- Reprocessing into secondary raw materials

- Substitute for primary raw materials (e.g. asphalt or concrete production)
- Technology and research at the site



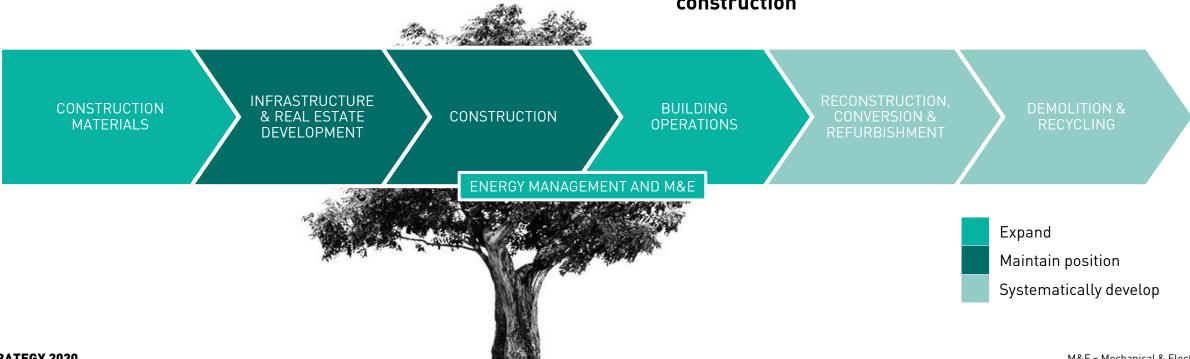
#### WE ARE FURTHER INCREASING OUR DEPTH OF VALUE CREATION BY FOCUSING STRONGLY ON CIRCULARITY

#### Status quo vs. future

- → **Current:** Thinking in construction costs or budget thinking
- → **Future:** Thinking in life cycles of buildings

#### STRABAG 2030

- → The preferred partner for the construction of tomorrow
- → STRABAG as the **leading player for circular** construction



### **STRATEGY 2030**



Wolfgang Zechmeister
Head of Infrastructure Development





#### **KEY STRATEGIC TOPICS**

Successful, sustainable management does not mean looking only one-dimensionally into the future. **We want to achieve more.** 





#### **Employee focus**

promotes our most important asset: people.



#### Global-local presence

ensures that we are anchored in the local communities.





#### Circularity

helps us fight environmental pollution and the shortage of raw materials.



#### **Expertise in the energy sector**

makes us a key player in shaping the energy transition.





#### Technology leadership

helps us to constantly become more efficient and effective.



#### Depth of value creation

makes us more resilient to external influences.

Key strategic topics:

# WE ARE USING OUR EXPERTISE IN THE ENERGY SECTOR TO ACTIVELY SHAPE THE ENERGY TRANSITION

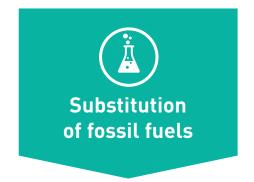


#### WE ACTIVELY SHAPE THE ENERGY TRANSITION

1

We reduce our impact on the environment by cutting emissions associated with construction materials, processes and equipment We realise projects in the energy sector









- → Building envelope and technology
- $\rightarrow$  Plants and equipment
- $\rightarrow$  Process optimisation

- → Electrification
- → Alternative energy sources (H2, biomethane)

- → Procurement
- → Production
- $\rightarrow$  Storage

→ STRABAG generates, stores and markets energy from renewable sources



#### STRABAG WILL PROFITABLY PARTICIPATE IN THE ENERGY TRANSITION

We realise projects in the energy sector



#### High need for production & storage of renewables

Considerable **project opportunities** in energy transition until 2030



#### General framework expected to improve

Lead times, such as planning, approval and conceptual design



#### **STRABAG** ideally positioned

- → Financial strength
- → Development & financing know-how
- → Expertise in turnkey construction & technical facility management





#### STRABAG as a strong partner

for investors, energy suppliers, municipalities, developers and financial institutions

STRABAG AS AN ENABLER FOR INNOVATIVE TECHNOLOGIES AND DEVELOPMENTS



### SUCCESSFULLY IMPLEMENTED PROJECTS PROVE STRABAG'S EXPERTISE IN THE ENERGY SECTOR | 1/2



#### **GERMANY / BRUCK**

Geothermal power plant electricity & heating

- → Planning, construction, financing, maintenance and operation
- → Feed-in tariff fixed for 20 years
- → Investment of ~ € 84 mn



#### **ROMANIA / ADY ENDRE**

Geothermal power plant heating

- → Acquisition, drilling and construction
- → Heat supply contracts to greenhouses
- → Investment of ~ € 10 mn



### **ROMANIA / TIMIȘOARA**Geothermal power plant

heating

- → Acquisition/Development
- → Heat supply contract with municipal heating network operator
- → Investment of ~ € 8 mn



### SUCCESSFULLY IMPLEMENTED PROJECTS PROVE STRABAG'S EXPERTISE IN THE ENERGY SECTOR | 2/2



### AUSTRIA / RATTEN Photovoltaic system

→ Installed power: 15 MW

→ Area: 20 hectares

→ Number of modules: 26,488

→ Households supplied: 5,000



#### **SLOVENIA / LJUBLJANA**

Biological waste treatment plant

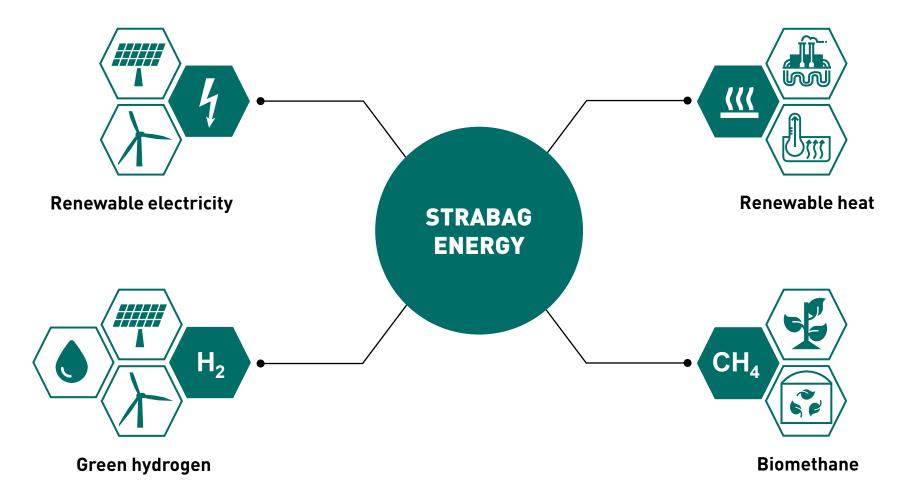
- → Capacity of 171,200 tonnes of waste per year
- → Production of refuse derived fuels with different qualities and recyclables
- → Patented STRABAG LARAN® plug-flow technology
- → Order volume ~€ 112 million



#### **SOURCES OF RENEWABLE ENERGY**

STRABAG will generate, store and market energy from renewable sources.

Sources of energy where we apply our expertise:





## OUR PROACTIVE CONTRIBUTION TO THE ENERGY TRANSITION IN EUROPE



#### Renewable electricity

STRABAG generates, stores and markets renewable energy from photovoltaics and wind at selected own and foreign locations

- → Use and expansion of own areas
- → Attractive marketing environment
- → Various power plants already established



#### Renewable heat

**STRABAG generates renewable heat & electricity**from geothermal energy and
large-scale heat pumps using
high Group added value

- → Good geological conditions in DE & AT
- → (Deep) drilling expertise and a broad plant knowhow
- → Development know-how



#### **Biomethane**

**STRABAG produces biomethane from biomass**and feeds it into the existing
gas network. Biomethane as
a natural gas substitute leads
to CO<sub>2</sub> emission savings

→ Experience in planning and implementation



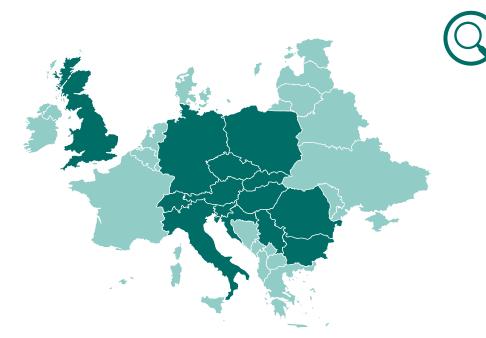
#### **Green hydrogen**

**STRABAG produces green hydrogen** at suitable locations in Group markets in order to cover the high industrial demand in the future

→ Add-on for using surplus renewable energy



## FOCUS ON PROFITABLE ENERGY PROJECTS IN OUR CORE MARKETS



→ Focus on our core markets where we have the necessary resources for the implementation of energy projects

#### 2024/2025

Selection of projects that are technically and financially feasible



#### 2023/2024

Screening of project opportunities

#### 2025 - 2030

Implementation of the selected projects

→ Minimum ROE of > 10%



- → Market-compliant returns in the construction and operation of projects
- → Large-scale plants that meet project financing criteria

#### **CRITERIA THAT ARE ESSENTIAL FOR IMPLEMENTATION**





€ ~ 1.3 bn

TOTAL PORTFOLIO SIZE BY 2030 € ~ 400 mn

EQUITY INVESTED<sup>1</sup>

€ 10-50 mn

AVERAGE PROJECT SIZE

30-40

TARGET NUMBER OF PROJECTS

## **STRATEGY 2030**



Marco Xaver Bornschlegl
Head of STRABAG Innovation & Digitalisation





#### **KEY STRATEGIC TOPICS**

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makes us a key player in shaping the energy transition.





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#### Depth of value creation

makes us more resilient to external influences.

Key strategic topics:

# WE ARE BECOMING MORE EFFICIENT AND EFFECTIVE BY CONTINUOUSLY EXPANDING OUR TECHNOLOGY LEADERSHIP



#### WE STRIVE FOR TECHNOLOGY LEADERSHIP

Rethinking construction processes, site operations, and the construction ecosystem to transform existing processes and innovations into digital services & business models – technology, innovation & start-ups as the basis.

#### **Advantages**

- → Technological edge
- → Increased productivity
- → Compensation for the shortage of skilled labour

#### **Standardisation**



Offsite production



Modular construction

#### Digital processes





**GIS** data

#### **Automation**



Construction robotics



## INNOVATION & DIGITALISATION IN THE DNA OF STRABAG

#### Digital transformation is CEO priority

- → Former CDO now CEO of STRABAG SE
- → CDO functions directly reported to CEO
- → Launch of new central division in 2020:
   SID STRABAG Innovation & Digitalisation
- $\rightarrow$  425 experts at > 10 locations

#### **Key priorities of SID**

- → Digital transformation
- → Efficiency gains & cost savings
- → Structured innovation processes
- → Foster internal collaboration
- → Data-based risk analyses
- → Sustainable supply chains







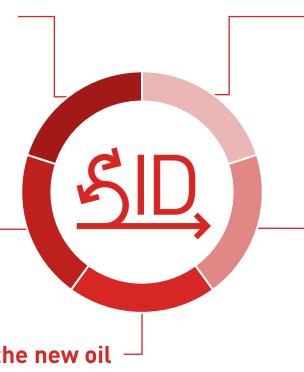
#### DIGITAL STRATEGY OF STRABAG FOCUSES ON FIVE KEY ELEMENTS

#### Understanding the requirements of internal customers

- → Focus on simplicity, speed, transparency and service
- Digital development on the basis of operating needs

#### **Agile organisation**

Modify organisation models for higher adaptability, speed & shorter reaction time



#### Digital services & business models

- → Transform existing processes and innovations into digital services & business models on the basis of customer requirements
- Technology, innovation processes & start-ups as the basis

#### Bimodal IT

- Digital division (e.g. for new digital processes & projects)
- Classic IT division for stable operation of information technology

#### Data is the new oil

- Data as a basis for exponential growth of knowledge and competitive advantages
- Data as a basis for new business models etc.



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## TRANSFORMATION INTO A DATA-DRIVEN ORGANISATION

#### Data is the new oil

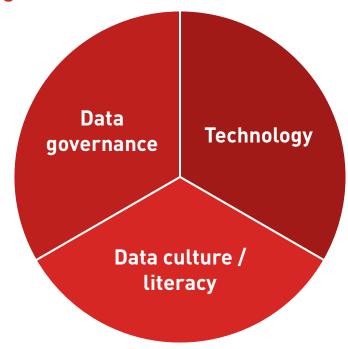
Data as a **strategic resource** 

Successful use requires further development towards a **data-driven organisation** 

Establishing a data-driven culture

Using data economically in all areas of the Group

#### **Challenges**



STRABAG AS AN INNOVATION DRIVER IN THE CONSTRUCTION INDUSTRY



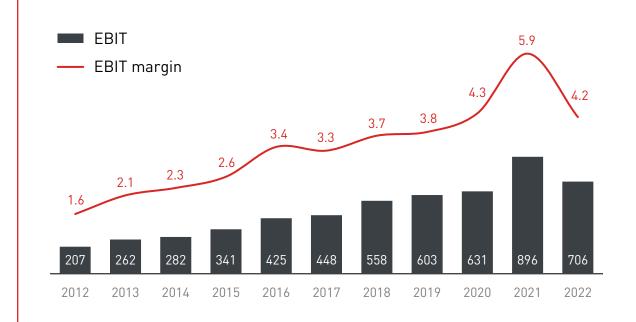
## PROJECT RISK MANAGEMENT HAS BEEN A KEY DRIVER FOR SUSTAINABLY INCREASING OUR EARNINGS BASE

## Risk management as a key strategic differentiator

- → Digital hub and data analysis consistent standards in all regions
- → Common Project Standards sharing knowledge & experience
- → Systematic cataloguing of earnings risk factors – lessons learned & best practice
- → Internal price committees
- → Internal Audit

## Development of profitability in 2012–22

CAGR +13%





## FURTHER DEVELOPMENT TOWARDS DATA-DRIVEN RISK ANALYSIS USING ARTIFICIAL INTELLIGENCE

#### The process behind it

- ightarrow Data-based approach
- → Existing meaningful factors translated into a machine description of the problem
- → Analysis using machine learning algorithms



#### **Successful pilot phase**

- → 9 STRABAG markets
- → 11,000 points of project controlling data
- $\rightarrow$  ~ 80% flop detection rate



#### **Advantages**

- → **Forward-looking** approach
- → Reliable forecasts before construction begins
- → Monitoring of the financial risk during project execution
- → Integration with existing risk management and controlling

Minimising the financial risk in construction projects through machine learning



#### STRABAG AND MICROSOFT JOIN FORCES







#### Building a data science hub

Current applications beyond the data-driven risk analysis:

Construction **Site 4.0** 

End-to-end networking of cloud-based infrastructures

#### Generative Design

Numerous design proposals at the push of a button

#### STRABAG supports the Austrian-wide initiative "Make Tomorrow Possible Today"

- → Strengthen the Austrian business location through digitalisation
- → Target: Austria to be one of the top 3 digitalisation pioneers in Europe by 2030
- → **STRABAG** as a **model company** with farreaching digitalisation projects

#### Weather Data

Using weather forecasts to plan the use of cranes

#### Surveying **Technology**

Drone-based survey of terrain & structures



## TECHNOLOGICAL LEADERSHIP IS NOT AN END IN ITSELF

The future construction site is digital. Technology leadership helps us to constantly become more efficient and effective:



Long-term competitiveness



Efficiency enhancements & reduced costs



Minimisation of risks



Increased & improved security



Optimisation of resources



Global collaboration in real time

## **ESG UPDATE**



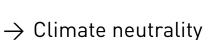
Katharina Aspalter
Senior Function Lead Sustainability Management





#### WE HAVE A CLEAR FOCUS ON SUSTAINABILITY

#### **Environment**



- → 2025 Climate neutral administration
- → 2030 Climate neutral construction sites
- → 2035 Climate neutral building operation
- → 2040 Climate neutral construction materials & infrastructure
- $\rightarrow$  Energy
- → Materials & circular economy



#### Social

- ightarrow Supply Chain
  - → Supplier Code of Conduct
- → Working conditions & health protection
- → Societal engagement
- → Donations & sponsoring



#### Governance



- $\rightarrow$  Compliance with laws
- → Code of Conduct
- → Bribery & corruption
- → Data protection

**MATERIALITY, OPPORTUNITIES & RISKS** 



## PROGRESS ON ESG RATINGS & REPORTING FRAMEWORKS

#### **ESG** ratings













#### **ESG** reporting & frameworks















in preparation





Scope 3

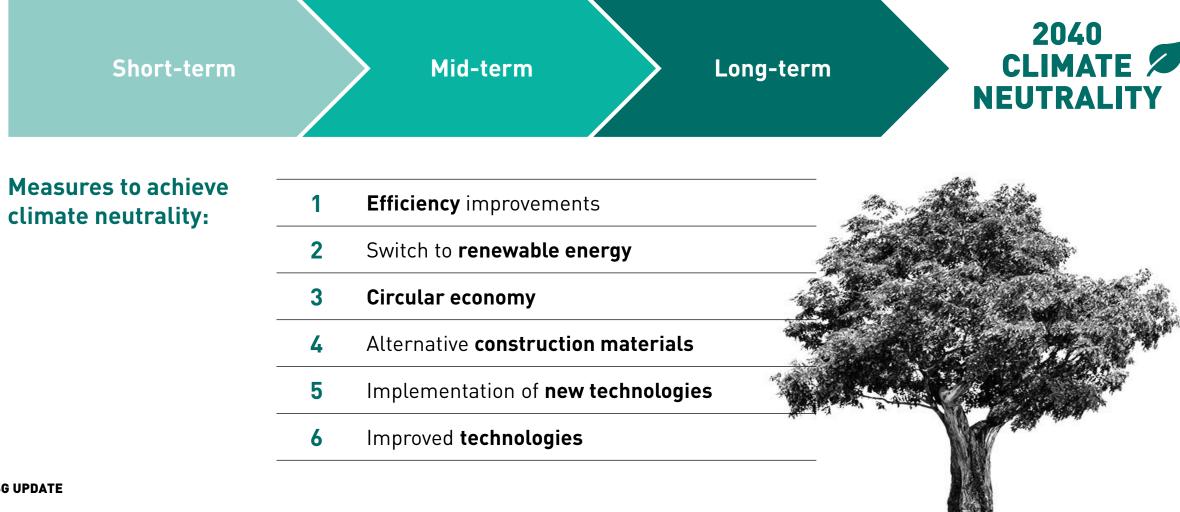
in preparation

Climate target





#### **FULLY COMMITTED TO CLIMATE NEUTRALITY BY 2040**





## TRANSFORMATION TO AN EFFICIENT & CLIMATE-FRIENDLY ENERGY SUPPLY

## On our way of maximising the use of renewable energy



Continuous increase of renewable energy from certified sources



Expansion of **PV systems** on suitable company-owned areas





Continuous increase in the share of sustainable mobility





Continuous reduction of the annual heating energy requirement



Continuous increase in the proportion of **renewable energy sources** in operation



Continuous increase in the efficiency of construction machines and systems



Continuous reduction of the specific **energy consumption in the production facilities** 





Continuous increase in the share of alternative energy sources in the operation of the production facilities





#### WHAT WE HAVE ACHIEVED SO FAR | EXCERPT

#### Milestones achieved

Climate target set (climate neutrality)

Environmental management according to ISO 14001 or EMAS in 96% of Group units

Publication of an environmental & energy policy

Publication of an employment conditions and human rights policy

Publication of ESG flagship projects:

work-on-progress. strabag.com

Participation in third party ESG ratings

Use of low-carbon concrete & recycled asphalt, expansion of own processing facilities & Groupowned landfill capacities

Development of a Groupwide social compliance management system Appointment of a human rights officer

#### **Opportunities**

- → External tenders with ESG criteria
- → Further development of standards

- → EU climate target
- → EU action plan for the circular economy
- → EU 2030 targets for renewable energy and energy efficiency
- → Transparency and engagement with our supply chain



## WHAT WE ARE GOING TO ADDRESS IN THE SHORT-TERM | EXCERPT

#### **Challenges**

- $\rightarrow$  CSRD
- ightarrow EU Taxonomy

- $\rightarrow$  CSDDD
- → Reasonable assurance
- → Heterogeneous assessment criteria of rating agencies

#### Milestones planned

CO<sub>2</sub>e calculation (data quality & presentation of target achievement)

Conduction of a double materiality analysis

Further development of the social compliance management

Development of staff trainings on relevant sustainability topics

Commitment to a science-based target

Expansion of the ESG risk assessment and management

Publication of position papers/policies on ESG

Establishment of Group-wide tools for CO<sub>2</sub>e accounting of buildings

## **RECAP STRATEGY 2030**



Klemens Haselsteiner CEO STRABAG SE



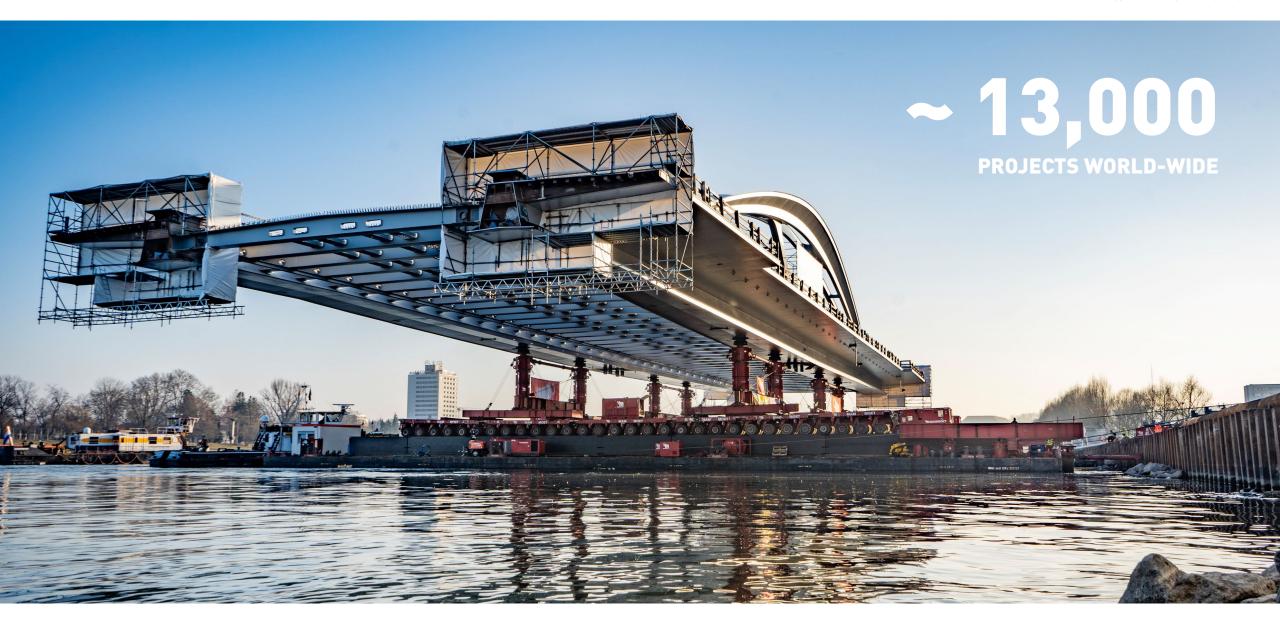


## WE ARE COMING FROM A POSITION OF STRENGTH











OUR STRATEGY 2030 IS ...

... A MULTI-DIMENSIONAL AND FULLY INTEGRATED STRATEGY.

**PEOPLE** Employees & Society

**PLANET** Environment & Sustainability

**PROGRESS** Technology & Innovation

**PROFITABILITY** Value Creation





# THE ACHIEVEMENT OF OUR TARGETS IS AMBITIOUS

STRABAG IS STRONGLY POSITIONED TO SUCCEED.

**60/0**EBIT MARGIN BY 2030





## BUILDING BLOCKS FOR AN EBIT MARGIN OF 6% BY 2030

## PROFITABLE GROWTH

- ightarrow Depth of value creation
- → Global-local presence

#### RISK MANAGEMENT

- → Continuous optimisation
- → Data-driven risk analysis

## EFFICIENCY & DIGITALISATION

→ Automation & standardisation→ Digital processes

## PRICING MODELS & COSTS

→ Adjustment of pricing models→ Optimisation of input costs

#### **INNOVATION**

→ In-house innovations→ Partnerships and acquisitions



## **OUR PATH TOWARDS 2030**

	2022	2030
OUTPUT VOLUME (€ BN)	17.7	~6% p.a.¹ (until 2030)
EBIT MARGIN	4.2%	6%
EQUITY RATIO	31.7%	≥ 25%
DIVIDEND PAYOUT RATIO	43%	30–50%
S&P RATING	BBB	Maintain investment grade

**RECAP STRATEGY 2030** 

## WE HAVE A CLEAR VISION OF WHAT STRABAG WILL LOOK LIKE IN 2030.



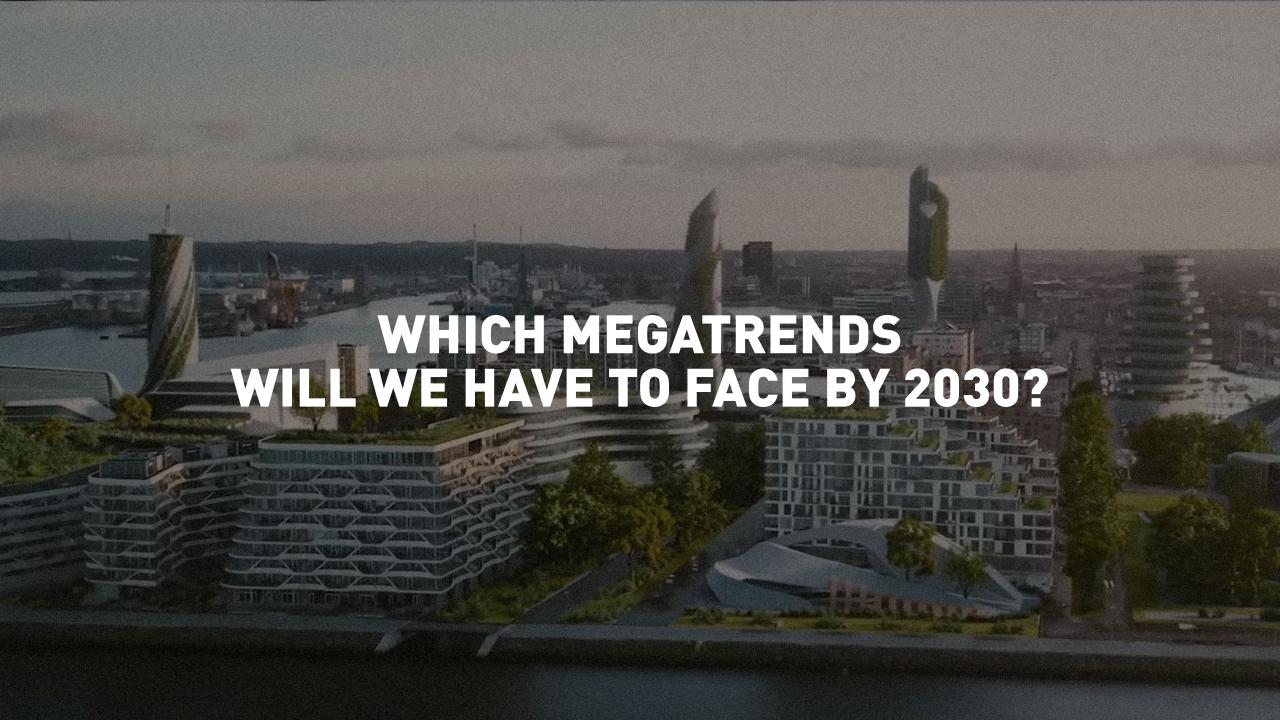






## ANNEX







- → Buildings account for 37% of global CO<sub>2</sub> emissions
- → European building stock severely outdated

#### But that also means:

The construction industry holds one of the biggest levers for a better future.

- → EU Green Deal climate neutrality by 2050
- → Substantial funding for the transition to climate neutrality



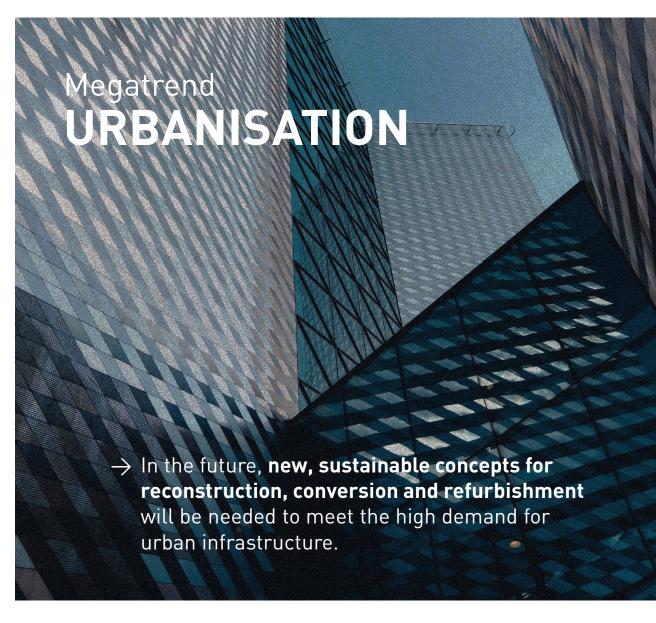


→ >60% of the world's population will live in cities by 2030

#### This means:

The need for infrastructure and housing in urban areas will continue to grow.

- → Limited surfaces in urban areas
- → Focus on soil sealing and land consumption
- → Shift from new to reconstruction and refurbishment



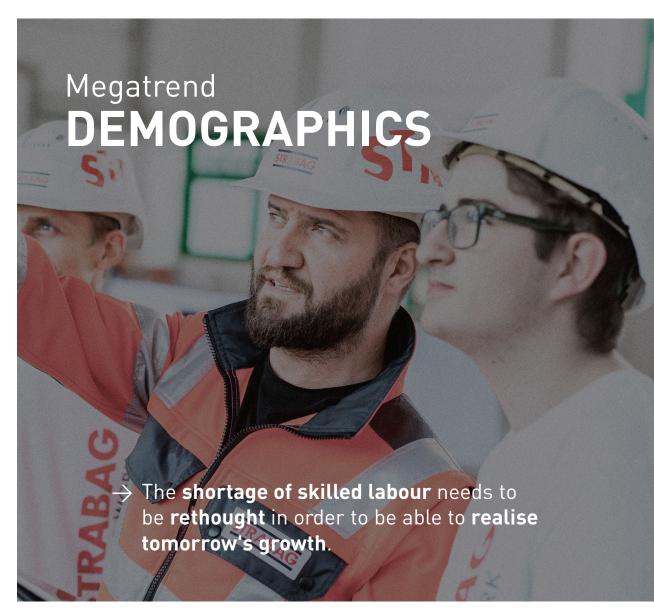


- → By 2040, there will be a shortage of >10% of today's workforce
- → Retirement of the baby boomer generation

What is already evident today:

Many vacancies cannot be filled in time or adequately.

- → Shortage of skilled workers will continue to intensify
- → Issue cannot be resolved with current measures



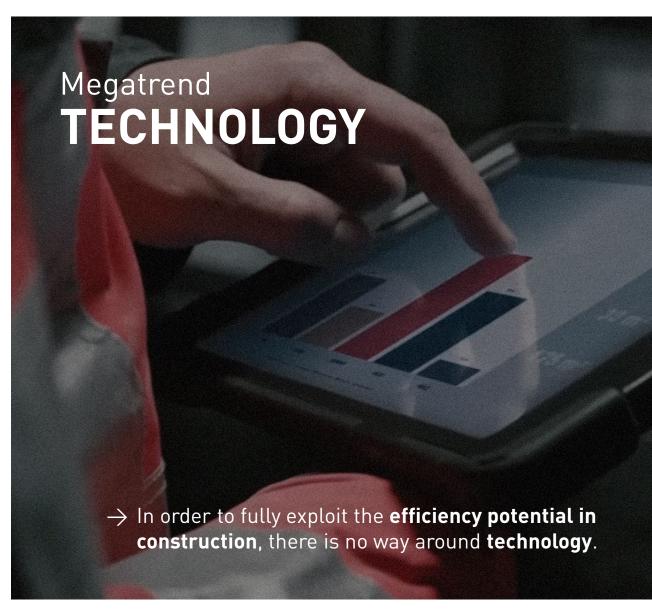


→ Technologisation in construction will increase strongly

#### This means:

Future construction will be different from today's construction.

- → Digital solutions will enhance **process efficiency**
- → **Industrialisation** through modular construction
- → Automation and standardisation will continue to increase





### **OUR VISION**

## We realise the future of construction.

By optimising added value for the people and minimising our impact on the planet.

### **OUR MISSION**

Our innovative teams realise profitable projects around the world.

With strong value creation, locally anchored expertise and data-driven decision-making.



## TIGHTENING REGULATION AND SUBSTANTIAL FUNDING AVAILABLE WILL BOOST BUILDING REFURBISHMENT

#### Regulation

EU GREEN DEAL	Climate neutrality by 2050	
FIT FOR 55	Emissions down by -55% by 2030 vs. 1990	
EU TAXONOMY	Classification of sustainable economic activities	
EPBD	Minimum standards for buildings with worst energy performance	
EED	3% renovation rate per year for public buildings	

