This presentation was live at:

Smart Buildings SHOW
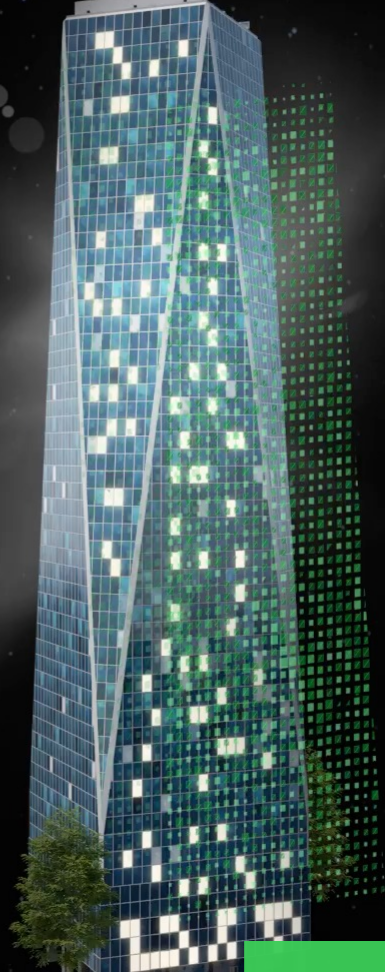18-19 October 2023 • ExCel London

Kas Mohammed

Vice President Digital Energy UK&I
Schneider Electric

Digital Solutions for Enhanced Energy Efficiency and Sustainability

Internal

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We provide digitised energy and automation solutions for efficiency and sustainability

Key figures for 2022

5% of revenues devoted to R&D
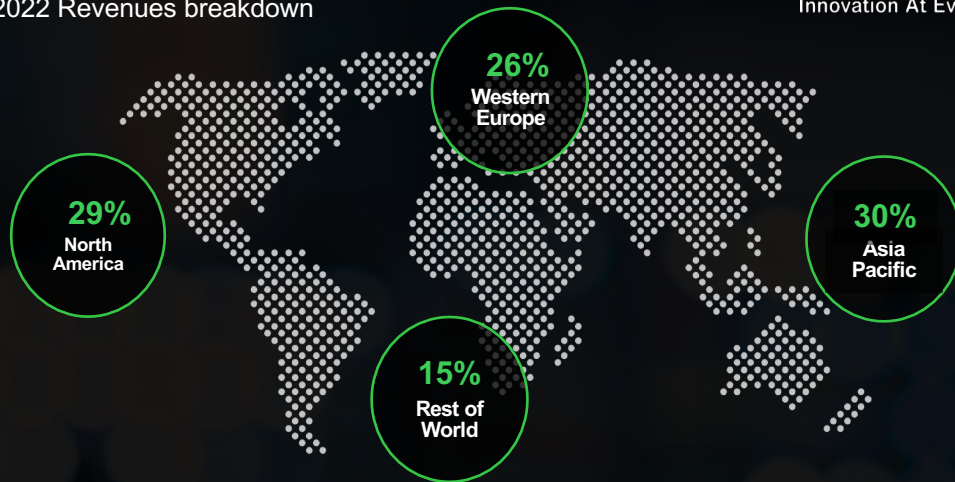
€34 billion
2022 revenues

160,000+
Employees in over 100 countries

50% digital and services
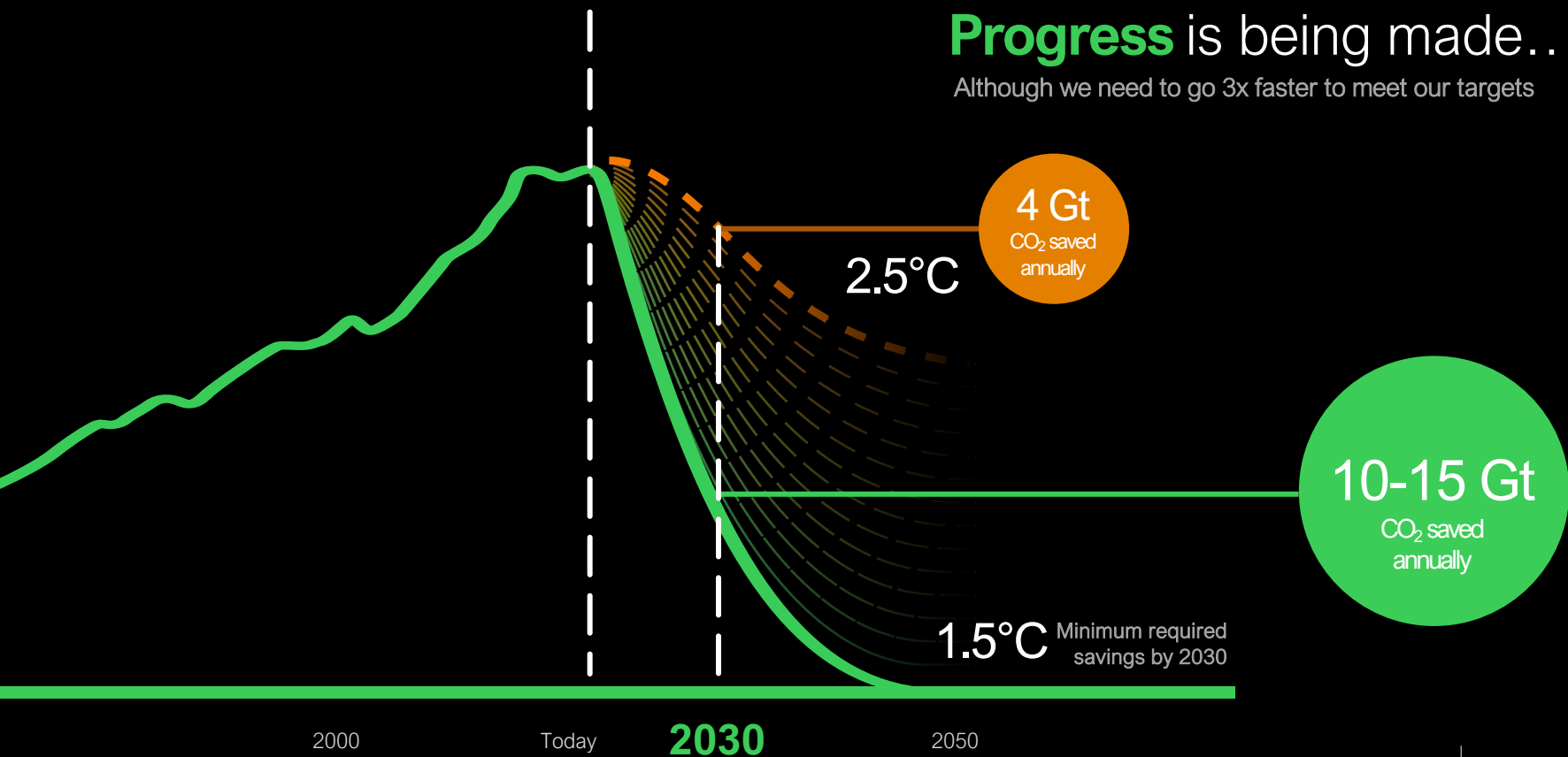
A well-balanced global presence
2022 Revenues breakdown

EcoStruxure™
Innovation At Every Level

26%
Western Europe

29%
North America

30%
Asia Pacific

15%
Rest of World

77%
€19 billion

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To tackle the climate crisis, we must **decarbonise**

Progress is being made…

Although we need to go 3x faster to meet our targets

4 Gt
CO_2 saved annually

2.5°C

10-15 Gt
CO_2 saved annually

1.5°C Minimum required savings by 2030

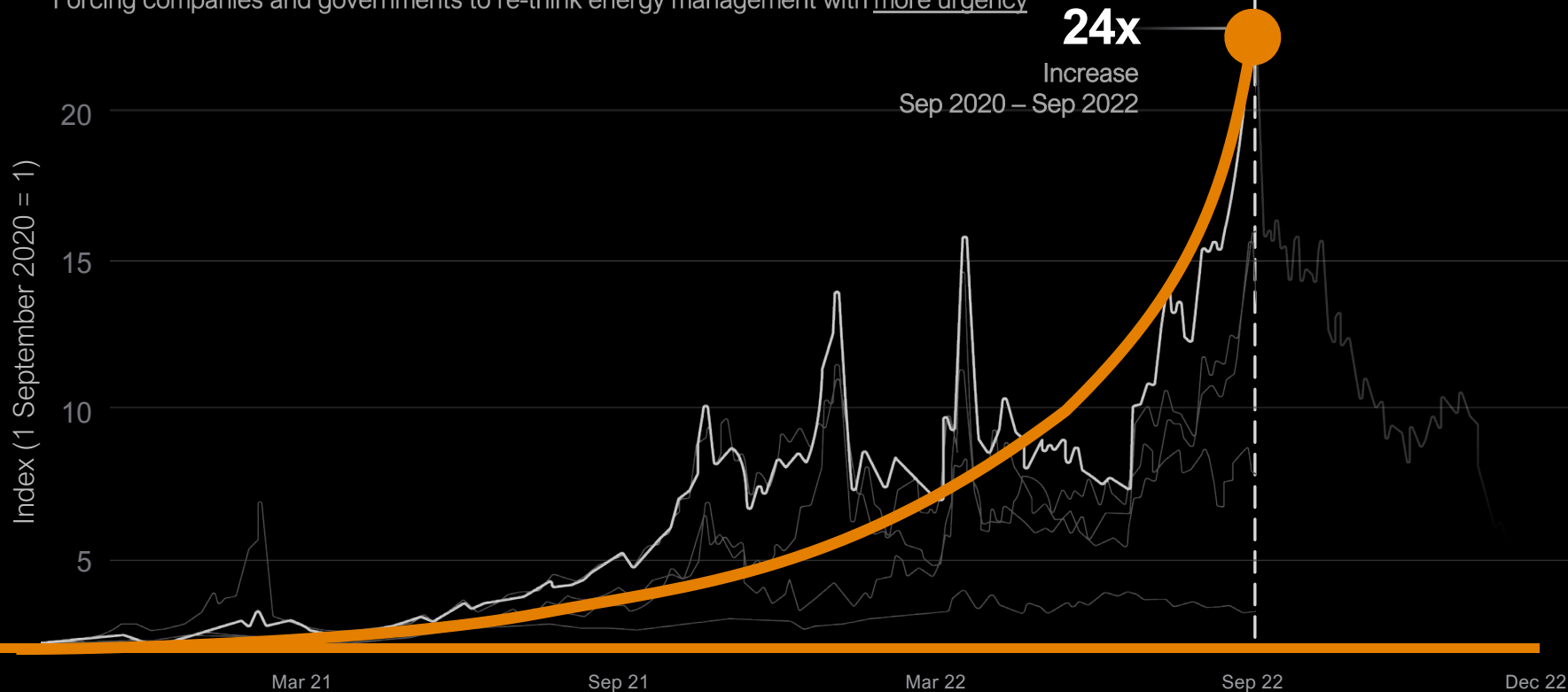2000 Today **2030** 2050

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We are also facing increasing **energy volatility**

Forcing companies and governments to re-think energy management with <u>more urgency</u>

24x
Increase
Sep 2020 – Sep 2022

Index (1 September 2020 = 1)

20

15

10

5

Mar 21   Sep 21   Mar 22   Sep 22   Dec 22

European gas reached a multiple of almost 25 between Sept '20 and Sept '22

Meaning we are at a
critical juncture

Long term targets **vs** short term priorities

Short term
Energy crisis

**The solution
for both is
Energy
Management**

Long term
Climate crisis

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Digital
for efficiency

Electricity
4.0

Electric
for decarbonisation

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Digital **+** Electric **=** **Sustainable**

for efficiency   for decarbonisation   green and smart energy

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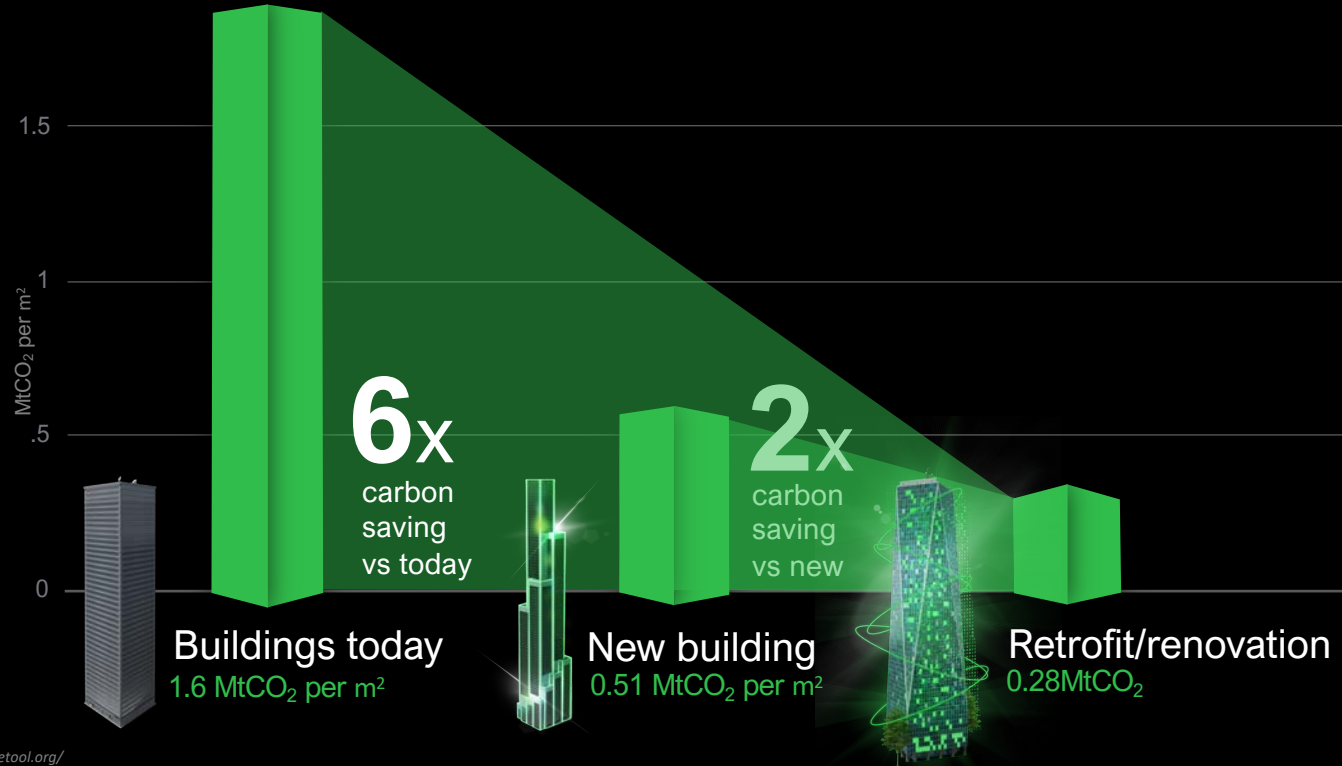**Buildings** account for

37%

of global CO_2 emissions

(13.3 Gt)

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To accelerate action, the industry needs to focus on retrofitting existing buildings

80% of today's buildings will still be in use in 2050

6x carbon saving vs today

2x carbon saving vs new

Buildings today 1.6 $MtCO_2$ per m^2

New building 0.51 $MtCO_2$ per m^2

Retrofit/renovation 0.28$MtCO_2$

$MtCO_2$ per m^2 (y-axis: 0, .5, 1, 1.5)

Internal

Bridging ambition and action with **an integrated approach**

Strategise

MEASURE enterprise baseline

CREATE decarbonisation roadmap

STRUCTURE program & governance

ENGAGE ecosystem

COMMUNICATE commitment

Digitise

MONITOR resource usage & emissions

IDENTIFY saving opportunities

REPORT and benchmark progress

Decarbonise

REDUCE energy use

ELECTRIFY operations

REPLACE energy source

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Summary

More **governments** are making commitments

88
Countries with net-zero pledges[2]

89%
of global CO_2 emissions
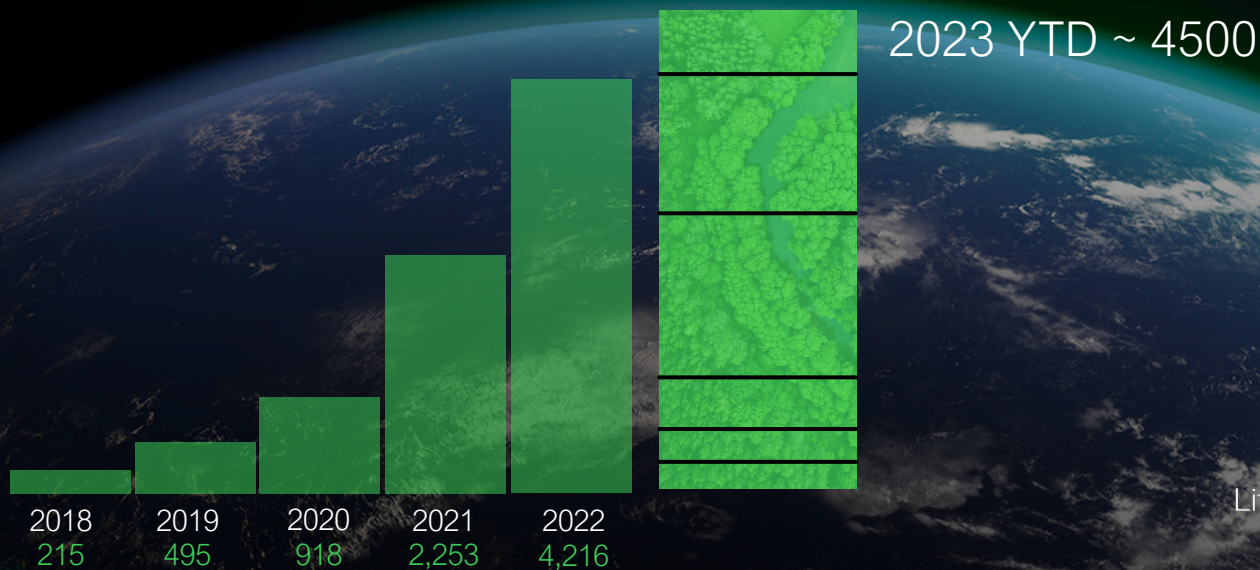
$1.8tn
Green stimulus[1]

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More **companies** are making commitments

2x

Number of companies committed to setting science-based targets[1]

Commitments to SBTi targets YoY[1]

2023 YTD ~ 4500

2018	2019	2020	2021	2022
215	495	918	2,253	4,216

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The **reality**

Few are delivering on their targets

12%

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Climate Impact Partners, Reality Check: Climate Action & Commitments of the Fortune Global 500, September 2022 Report

Internal

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Smart Buildings

SHOW

9-10 October 2024 • ExCeL London

We look forward to seeing you in 2024