



**CAPITAL
MARKETS DAY**
2022

OUR SUSTAINABILITY COMMITMENT

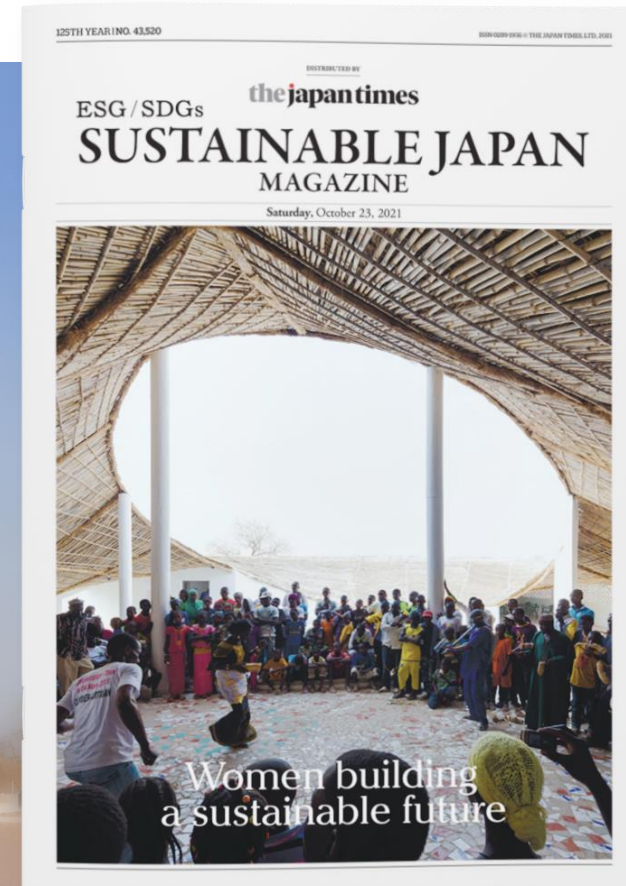
Toshiko MORI

Independent Director
and Lead Director of Sustainable Development

A SUSTAINABILITY-DRIVEN CAREER



“ Toshiko MORI’S
architecture
stands for
the future ”



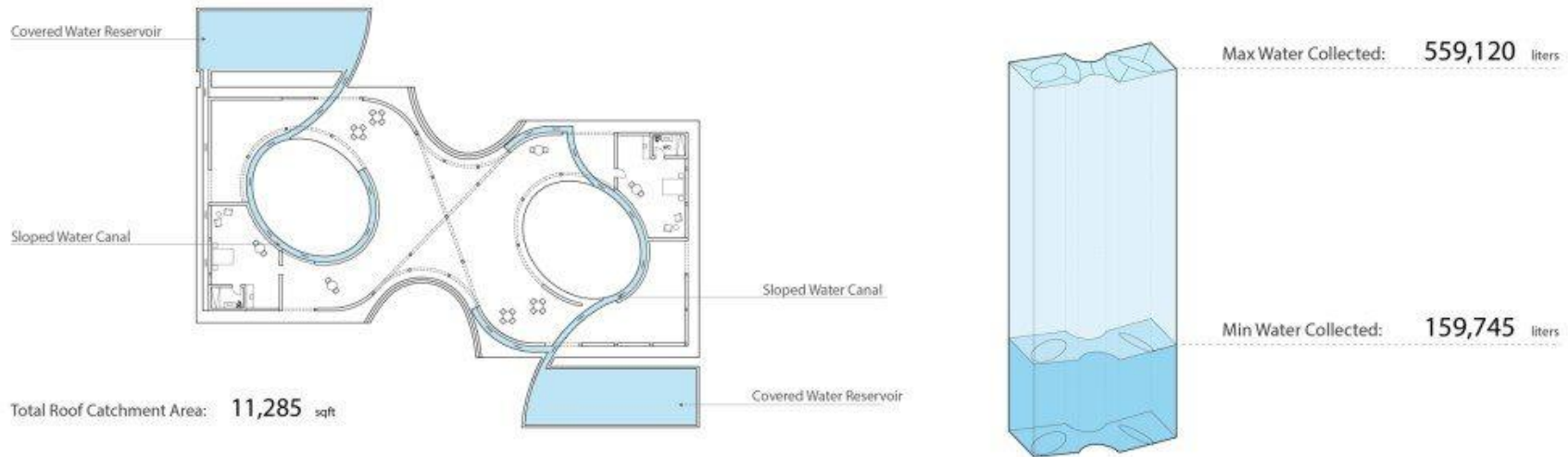
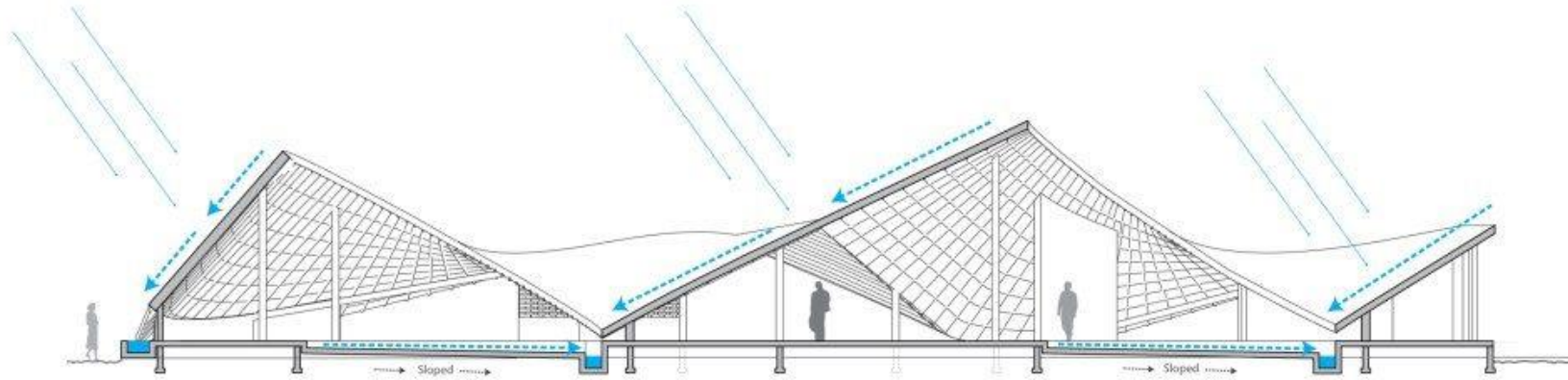
A SUSTAINABILITY-DRIVEN CAREER



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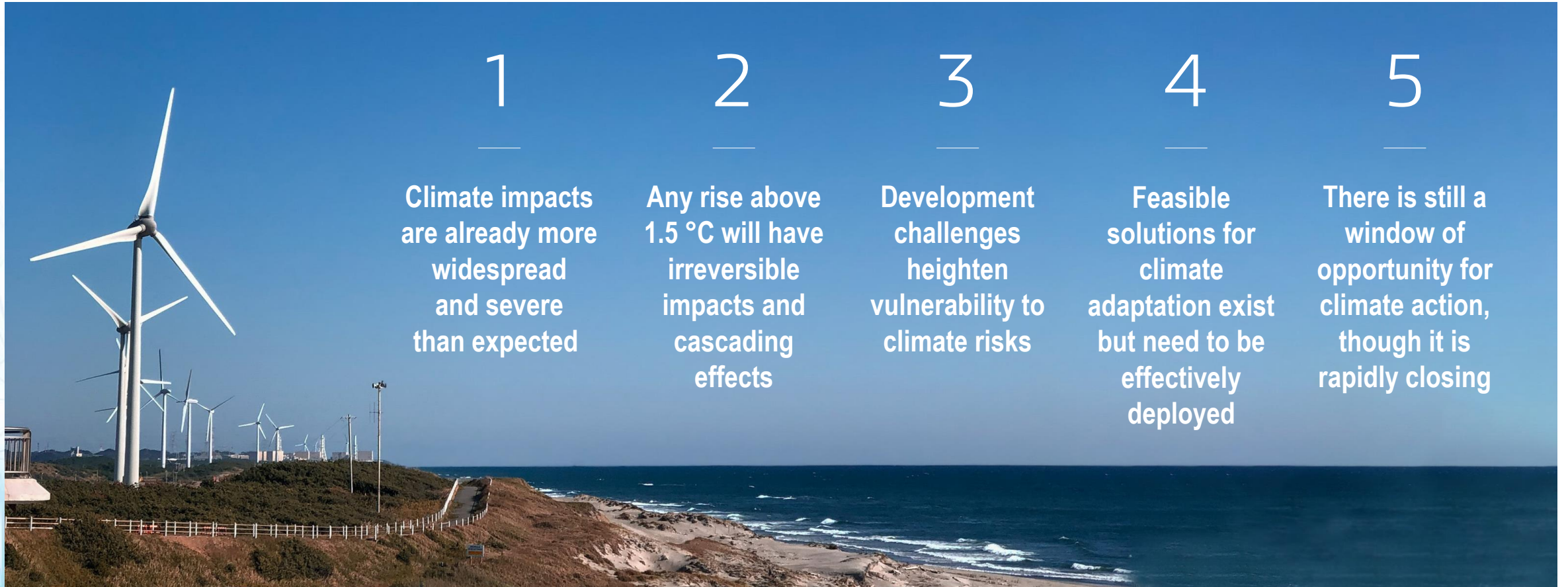


A SUSTAINABILITY-DRIVEN CAREER



THE CLIMATE CRISIS AHEAD

Irreversible climate impacts requiring **breakthrough innovation**



1

Climate impacts are already more widespread and severe than expected

2

Any rise above 1.5 °C will have irreversible impacts and cascading effects

3

Development challenges heighten vulnerability to climate risks

4

Feasible solutions for climate adaptation exist but need to be effectively deployed

5

There is still a window of opportunity for climate action, though it is rapidly closing

INFRASTRUCTURE ENVIRONMENTAL IMPACT

“ Buildings and construction together account for **39%** of energy-related carbon dioxide (CO₂) emissions ”

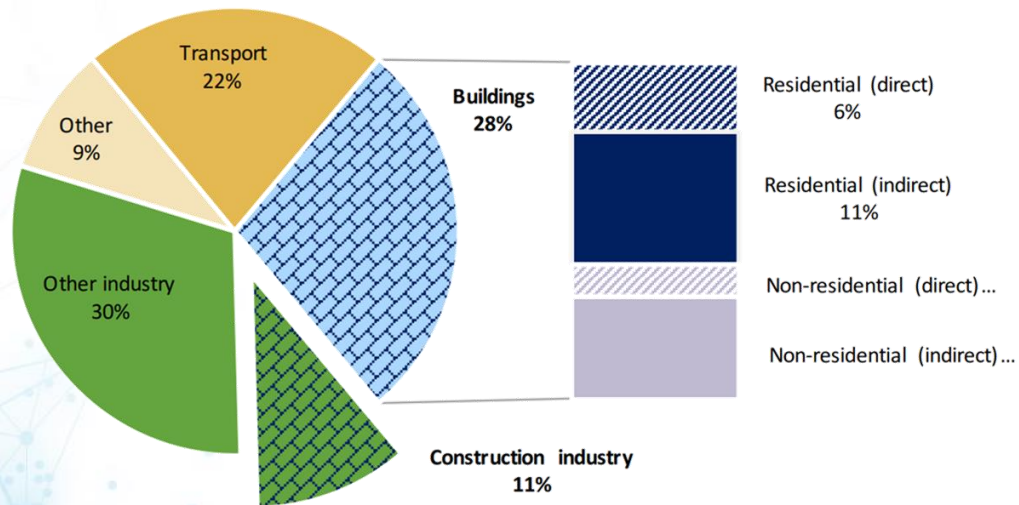
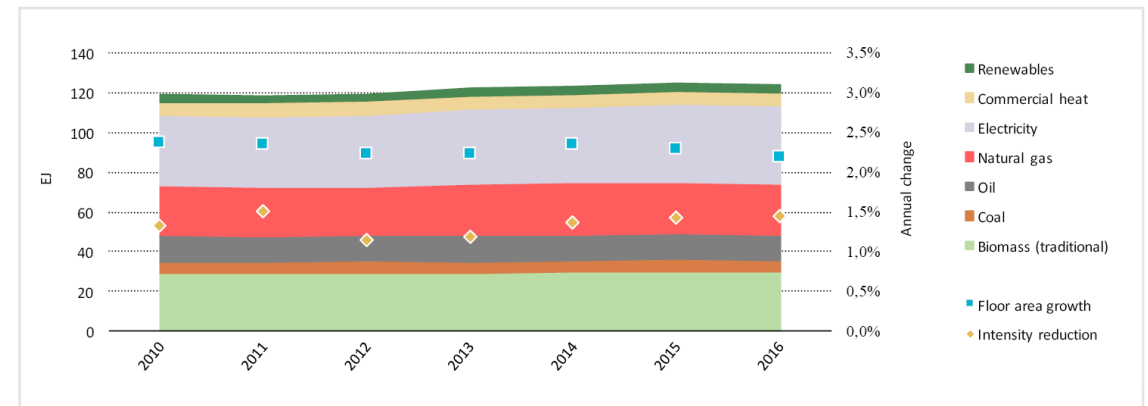


FIGURE 2 Global buildings sector energy consumption by fuel type, 2010 - 2016

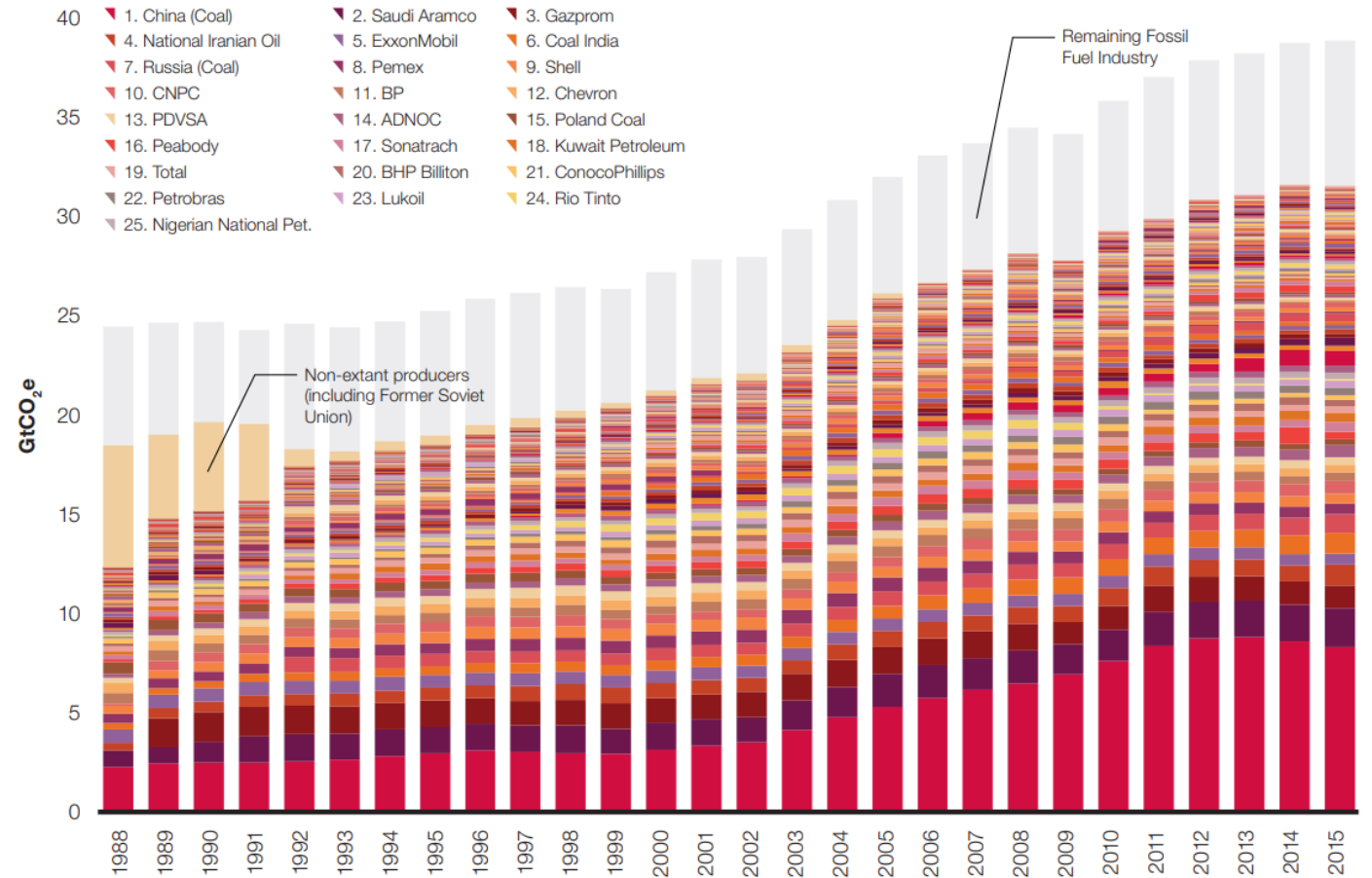


Source: derived with IEA (2017), World Energy Statistics and Balances, IEA/OECD, Paris, www.iea.org/statistics

Electricity accounts for ~30% of energy consumption

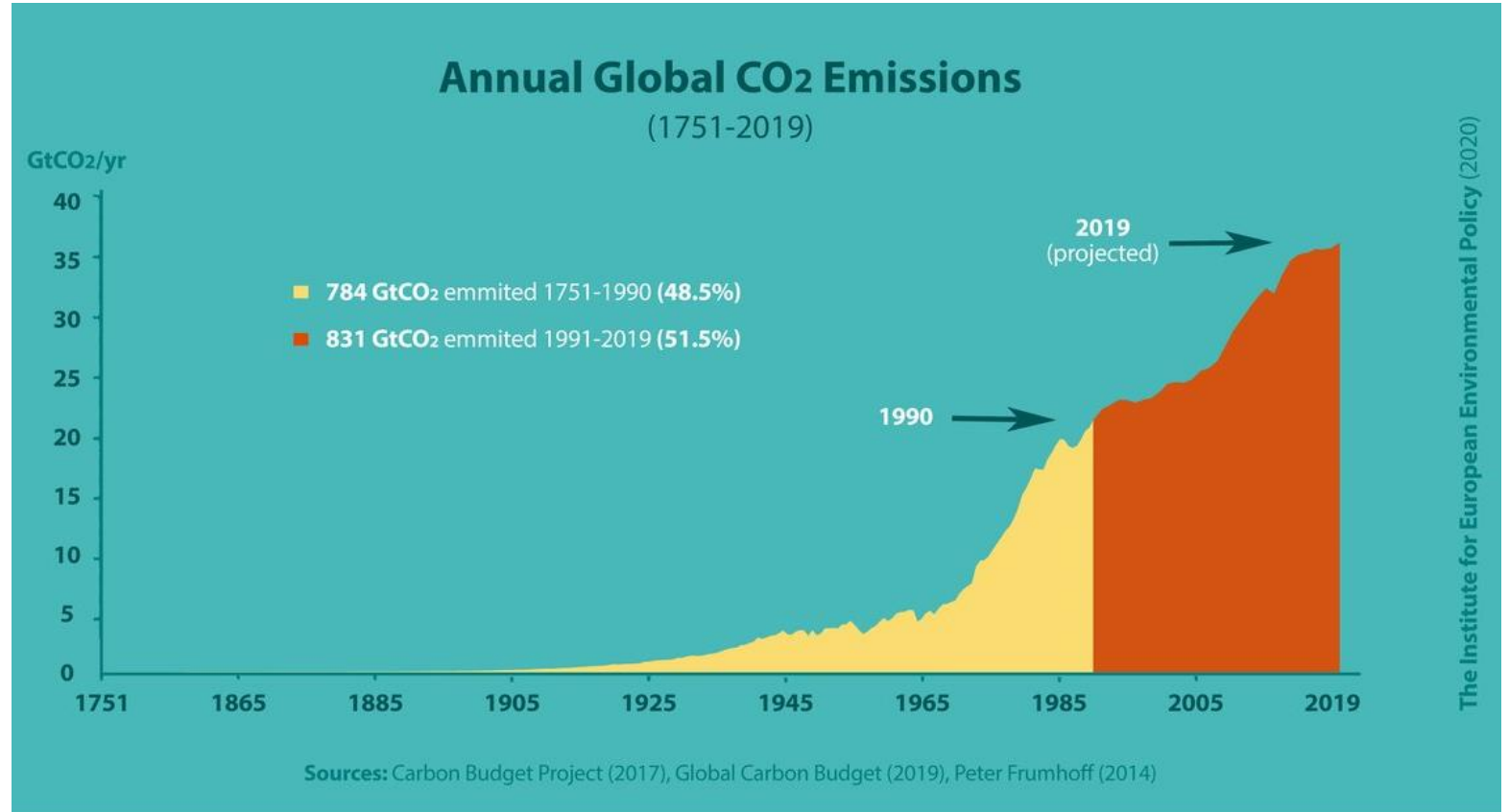
INFRASTRUCTURE ENVIRONMENTAL IMPACT

“ 100 (active fossil fuel) producers account for **71%** of global industrial GHG emissions ”



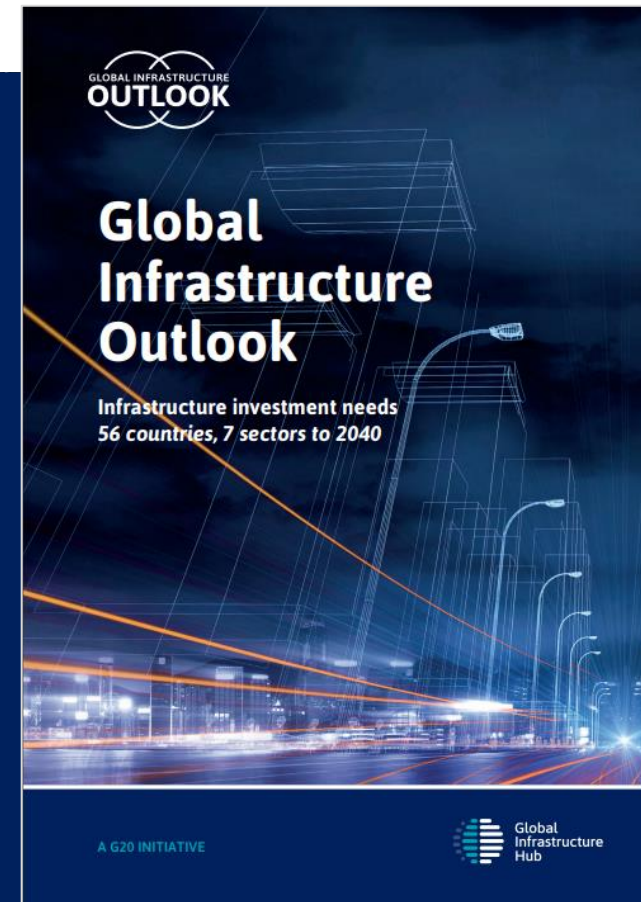
INFRASTRUCTURE ENVIRONMENTAL IMPACT

“ More than half of all CO₂ emissions since 1751 emitted in last 30 years ”



SUSTAINABILITY BUSINESS PERSPECTIVES

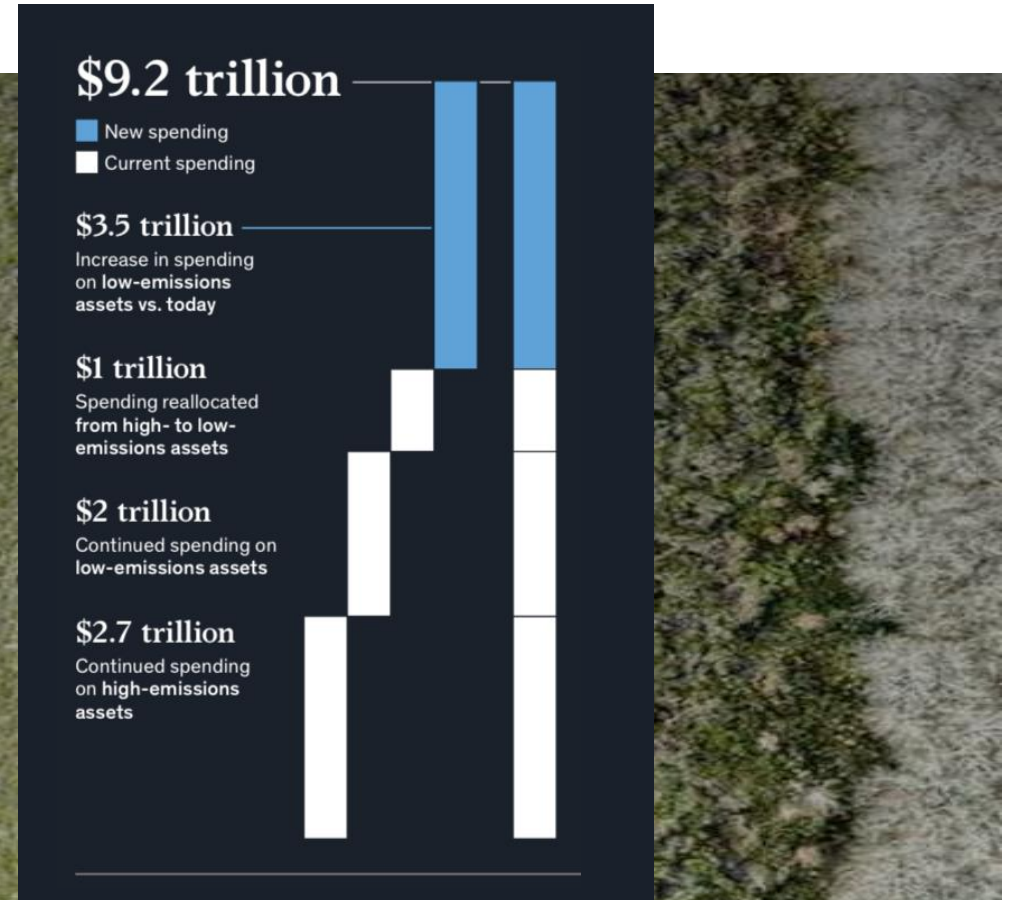
“ Infrastructure investment needs to reach **\$94 trillion by 2040** to keep pace with profound economic and demographic changes, and to close infrastructure gaps ”



SUSTAINABILITY BUSINESS PERSPECTIVES

McKinsey
Global Institute

“ Capital spending on physical assets for energy and land-use systems will need to rise by **\$3.5 trillion** per year for the next 30 years ”



TIME NOW TO WALK THE TALK



SUPPORTED BY
DS DASSAULT
SYSTEMES

A close-up profile of a woman's face, looking upwards and to the right. Her face is overlaid with a complex network of blue and white digital lines and data points, suggesting a focus on technology and innovation.

**MORE PRAISED
THAN PRACTISED**

Sustainable innovation needs more
businesses on board

FT FOCUS

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17 GOALS OF UNITED NATIONS SUSTAINABLE DEVELOPMENT

THE 17 GOALS

169

Targets

3185

Events

1322

Publications

6150

Actions



ESG CRITERIA

ESG



Environmental

- Climate Change Strategy
- Biodiversity
- Water Efficiency
- Energy Efficiency
- Carbon Intensity
- Environmental Management Systems



Social

- Equal Opportunities
- Freedom of Association
- Health & Safety
- Human Rights
- Customer & Product Responsibility
- Child Labour



Governance

- Business Ethics
- Compliance
- Board Independence
- Executive Compensation
- Shareholder Democracy

A PURPOSE-DRIVEN COMPANY

“ Dassault Systèmes provides business & people with **3DEXPERIENCE** universes to imagine sustainable innovations capable of harmonizing product, nature and life. ”



SUSTAINABILITY COMMITMENT



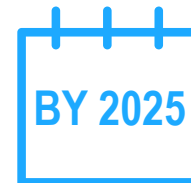
FOOTPRINT

**CARBON
NEUTRAL**



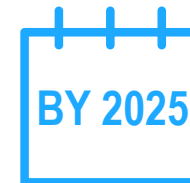
HANDPRINT

**2/3 OF NEW LICENSES
FROM SUSTAINABLE
SOLUTIONS**



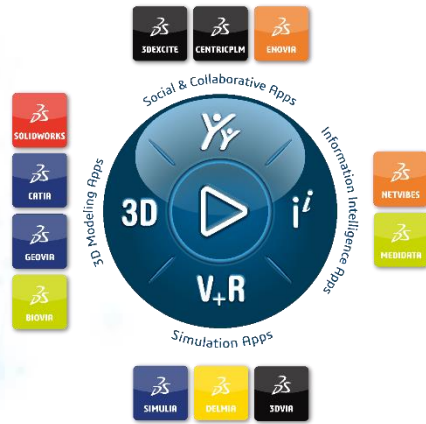
COLLABORATIONS

**ENGAGE 5,000
STAKEHOLDERS ON
SUSTAINABILITY**



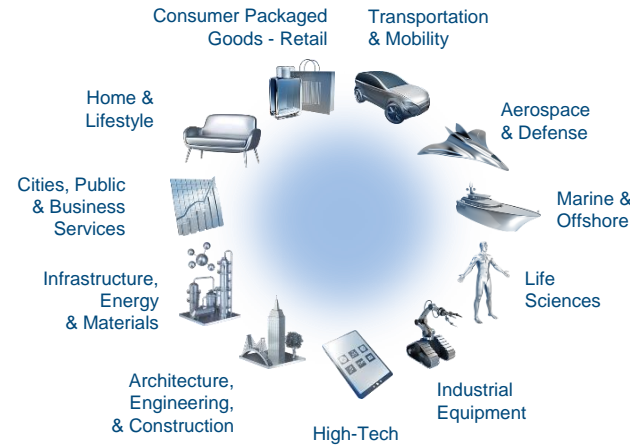
UNIQUE PLATFORM TO CONNECT THE DOTS

BRANDS



APPLICATION

INDUSTRIES



CONTENT

GEO AND CHANNELS



SERVICES

3DEXPERIENCE PLATFORM



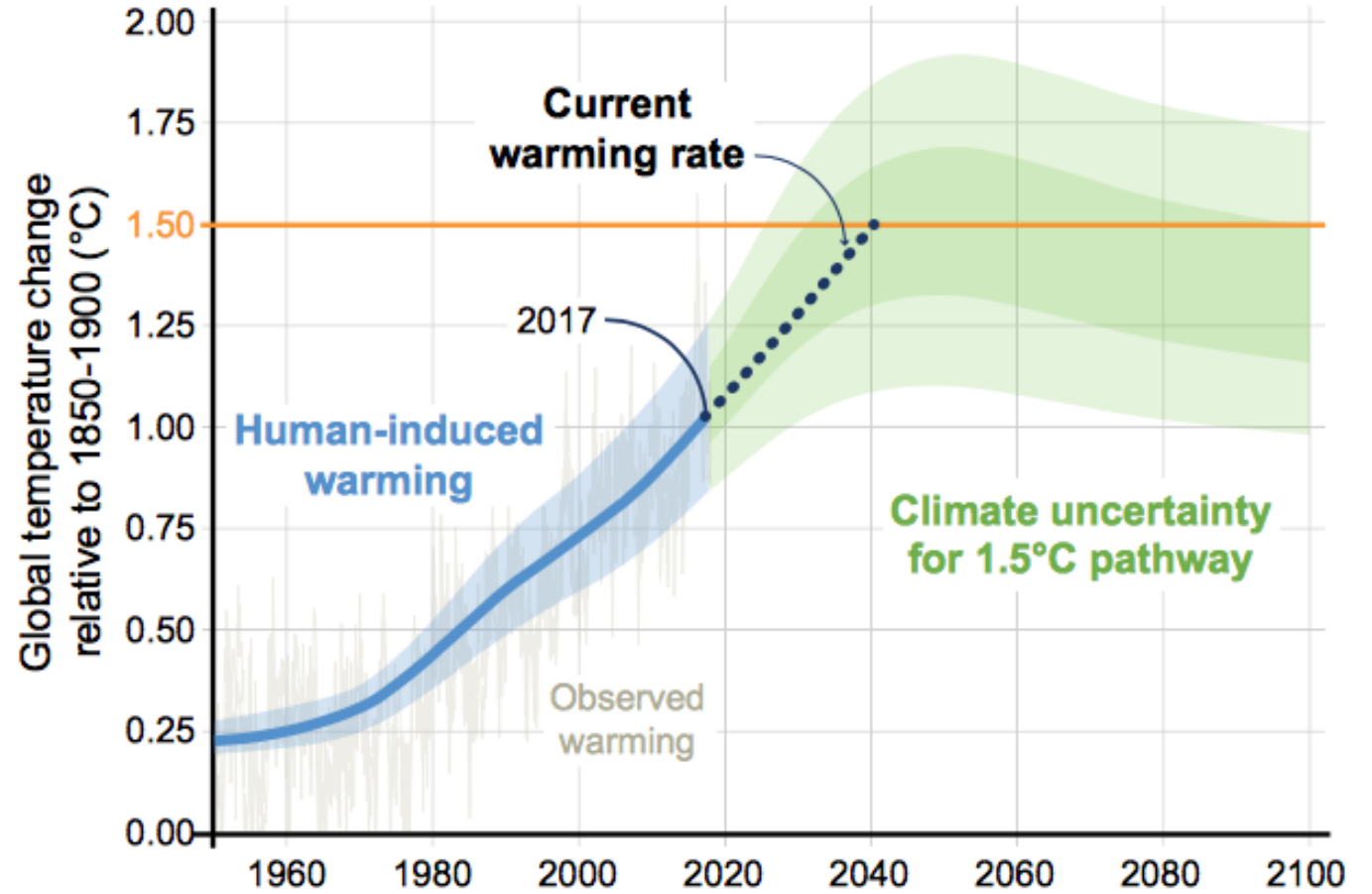
OUR BELIEF



Virtual worlds **extend**
and **improve** the
Real world

TIMELINE OF RISING TEMPERATURE

“ At the present rate, global temperatures would reach 1.5 degrees Celsius around 2040 ”



SCIENCE-BASED VIRTUAL TWINS' POTENTIAL

5 use cases alone can unlock combined additional benefits



CONSTRUCTION & CITIES

Reduce energy consumption in buildings by 30 - 80%



CONSUMER PACKAGED GOODS

Eco-design products to reduce 80% of their impact



TRANSPORTATION & MOBILITY

Accelerate the time to market for the next generation of mobility solutions



LIFE SCIENCES

Reduce waste, pollution, and resource consumption in pharmaceutical manufacturing



HIGH TECH

Embed circular economy principles to address the growing problem of e-waste

accenture



\$1.3 trillion
of economic value

7.5 Gt CO₂e
of emissions reductions

LIFE CYCLE APPROACH

