



2023 GRESB
Regional Insights
Kuala Lumpur

Z E R I N
HABITAT



MORE People



GLOBAL POPULATION HAS REACHED **8 BILLION**



MORE People ...and buildings



GLOBAL BUILDING STOCK EXPECTED TO **DOUBLE BY 2050**



MORE Carbon

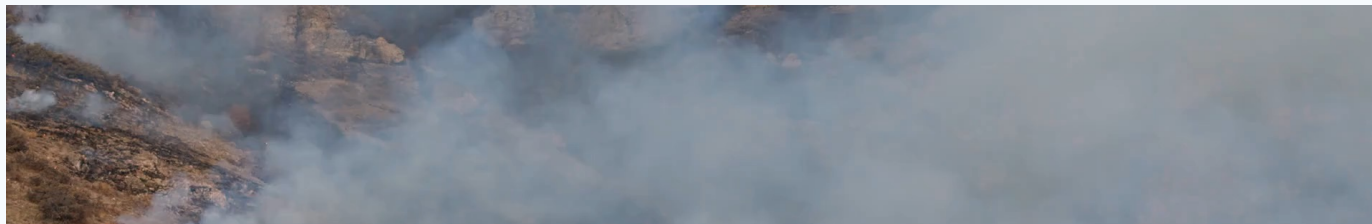


ATMOSPHERIC CO₂ CONCENTRATION HIT **420 PPM** LAST AUGUST



MORE

Extreme weather



TEMPERATURE **RECORDS SHATTERED** ACROSS ASIA THIS YEAR



MORE

Wildlife loss

WILDLIFE POPULATION FELL BY 70% IN LAST 50 YEARS



MORE Inequity



10% OF THE WORLD'S POPULATION OWNS 76% OF GLOBAL WEALTH



MORE Regulations



OVER **860** PUBLIC SUSTAINABLE FINANCE POLICIES AND REGULATIONS

MORE

Green investments



GLOBAL SUSTAINABLE FUND ASSETS JUST HIT **USD 2.8 TRILLION**

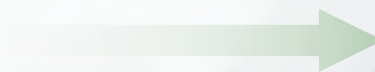
MORE Leadership in ESG

ESG TALK



A TOTAL OF **392** GRESB SECTOR LEADERS ARE **WALKING THE TALK** IN 2023

ESG WALK



GRESB APPROACH

Accelerating the transition to sustainable real assets



INSTITUTIONAL INVESTORS

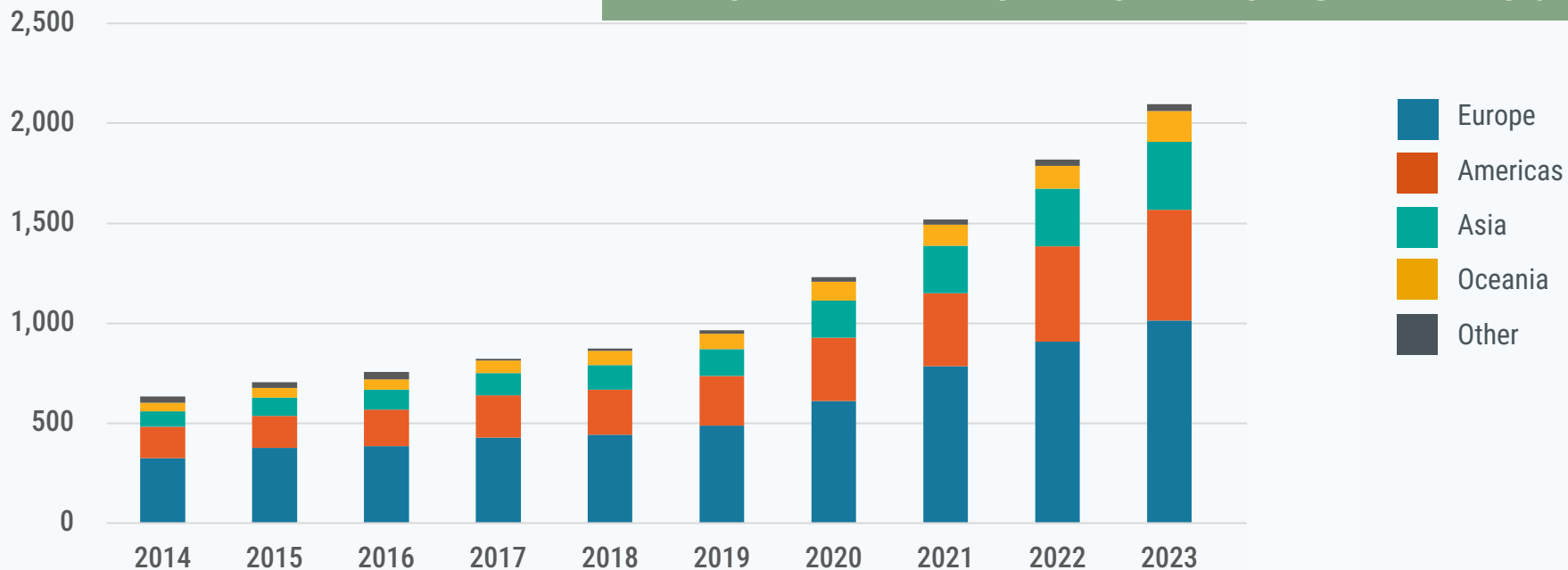
GRESB ASSESSMENTS

PORTFOLIOS AND ASSETS

GRESB PARTICIPATION

Global coverage

YEAR-ON-YEAR PARTICIPATION IN ASIA **GREW BY 18%**



GRESB PARTICIPATION

Global coverage



15
sectors
covered



2,084
participants



~170k
assets



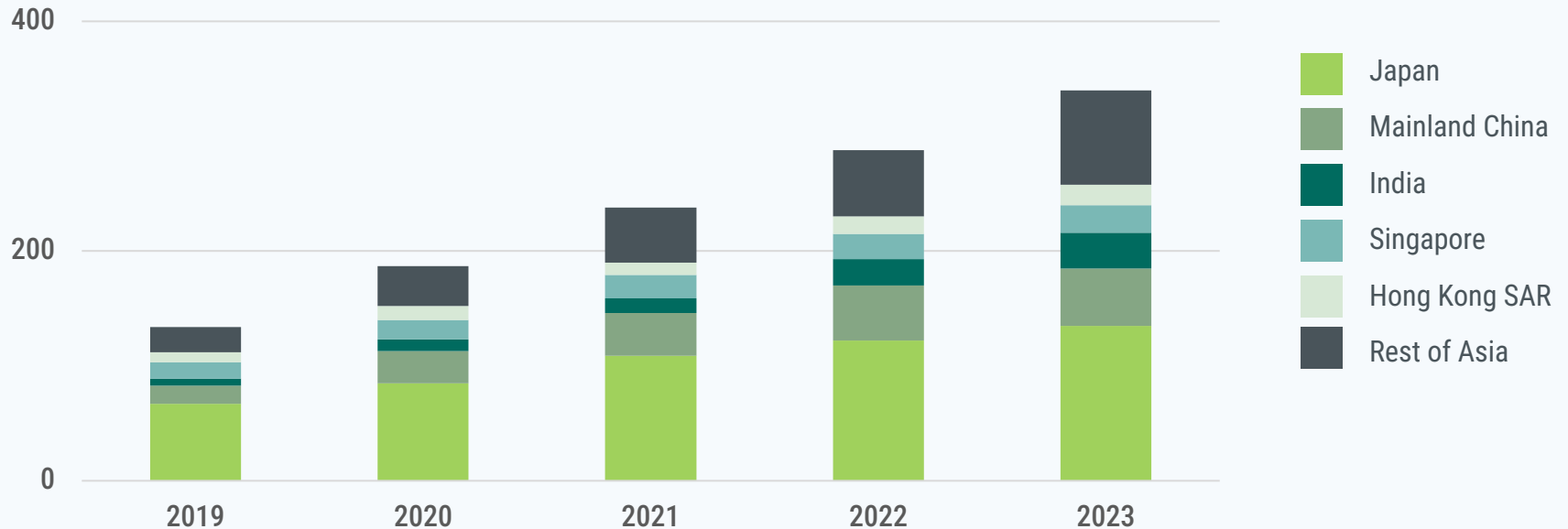
75
markets



\$7.2 t
GAV

GRESB PARTICIPATION

Growth across Asia



STRONG GROWTH IN JAPAN, INDIA, KOREA & TAIWAN

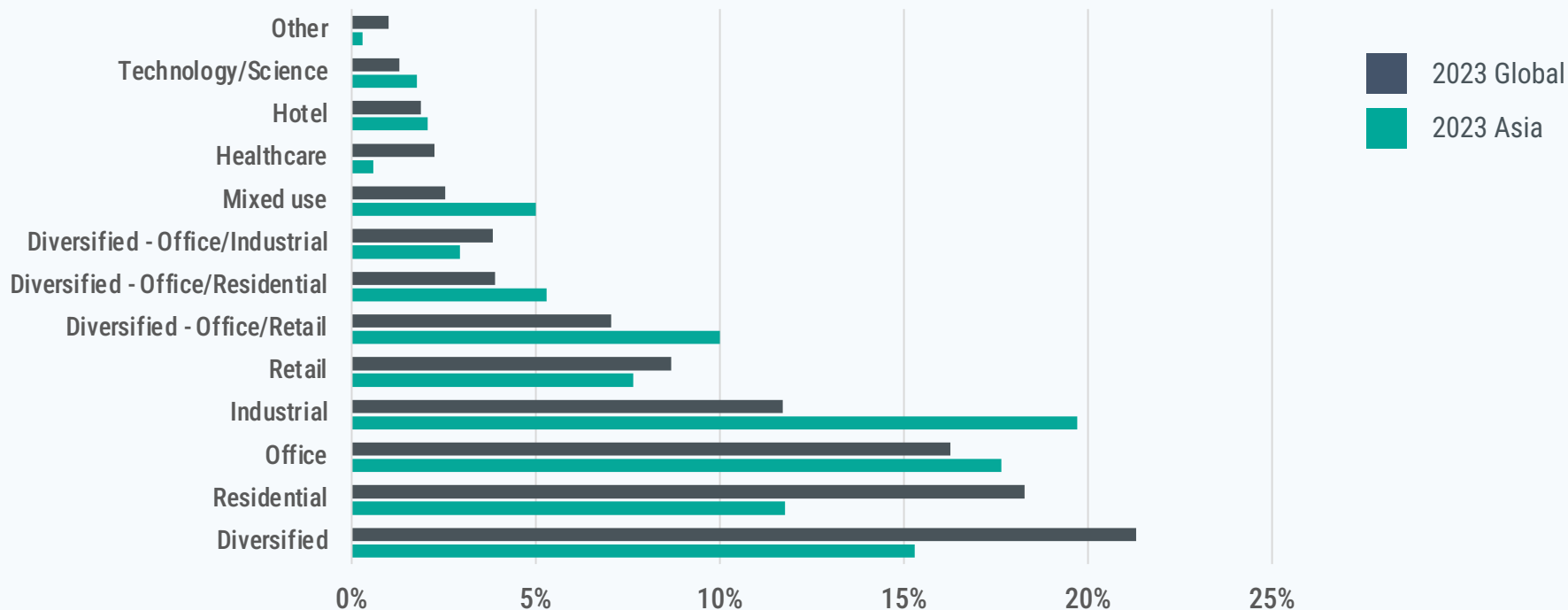
GRESB PARTICIPATION

In Malaysia

The logo for CBRE, consisting of the letters "CBRE" in a bold, dark green, sans-serif font.The logo for Sunway REIT, featuring the word "SUNWAY" in a bold, red, italicized sans-serif font, with a registered trademark symbol (®) to its upper right. Below it, the word "REIT" is written in a bold, brown, sans-serif font.The logo for AIOIS Real Estate Investment Trust. It features the letters "AIOIS" in a bold, black, sans-serif font, with a stylized red and green cross-like graphic in the center. Below the letters, the words "REAL ESTATE INVESTMENT TRUST" are written in a smaller, black, sans-serif font.The logo for Pavilion Kuala Lumpur. It features the word "PAVILION" in a large, serif font, with a horizontal line underneath it. Below the line, the words "KUALA LUMPUR" are written in a smaller, sans-serif font.

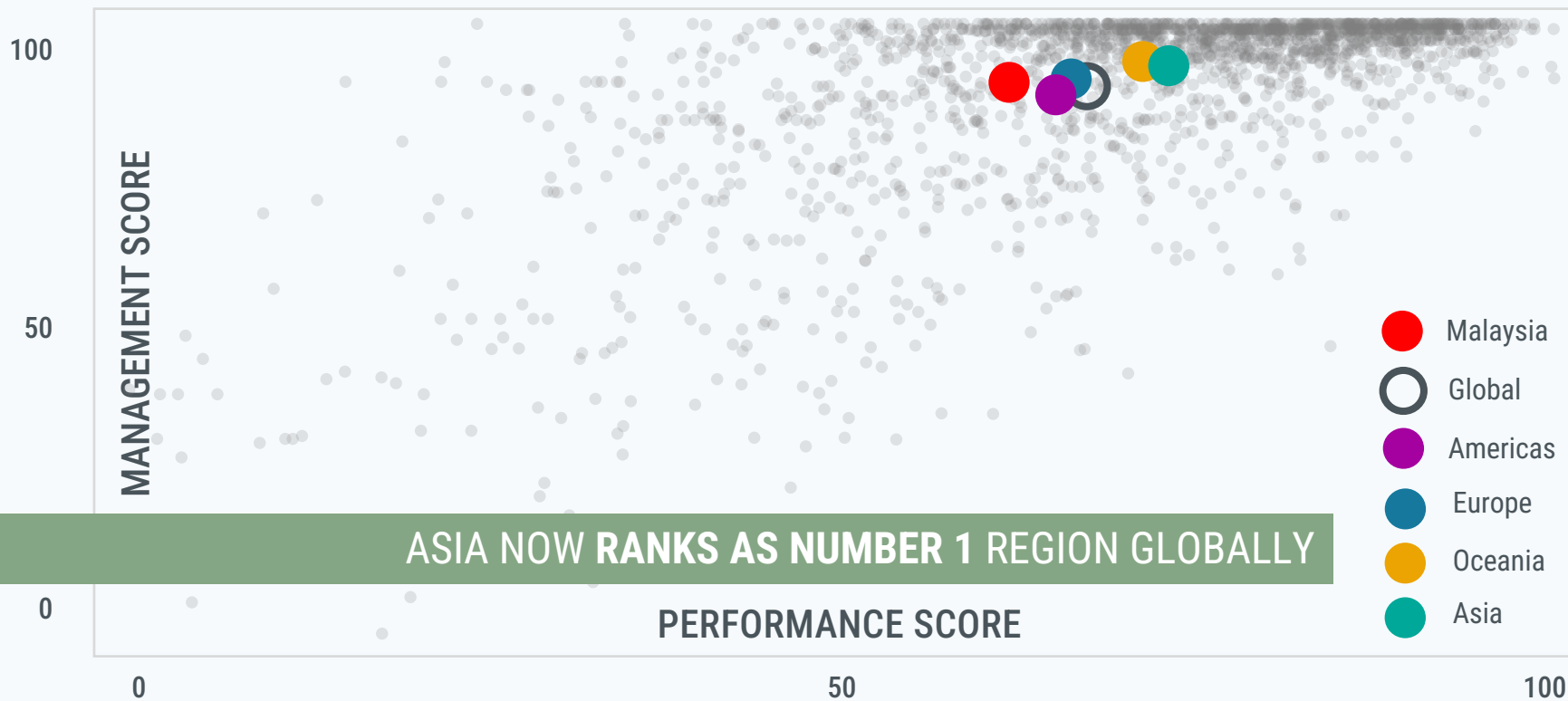
GRESB PARTICIPATION

Property sector coverage



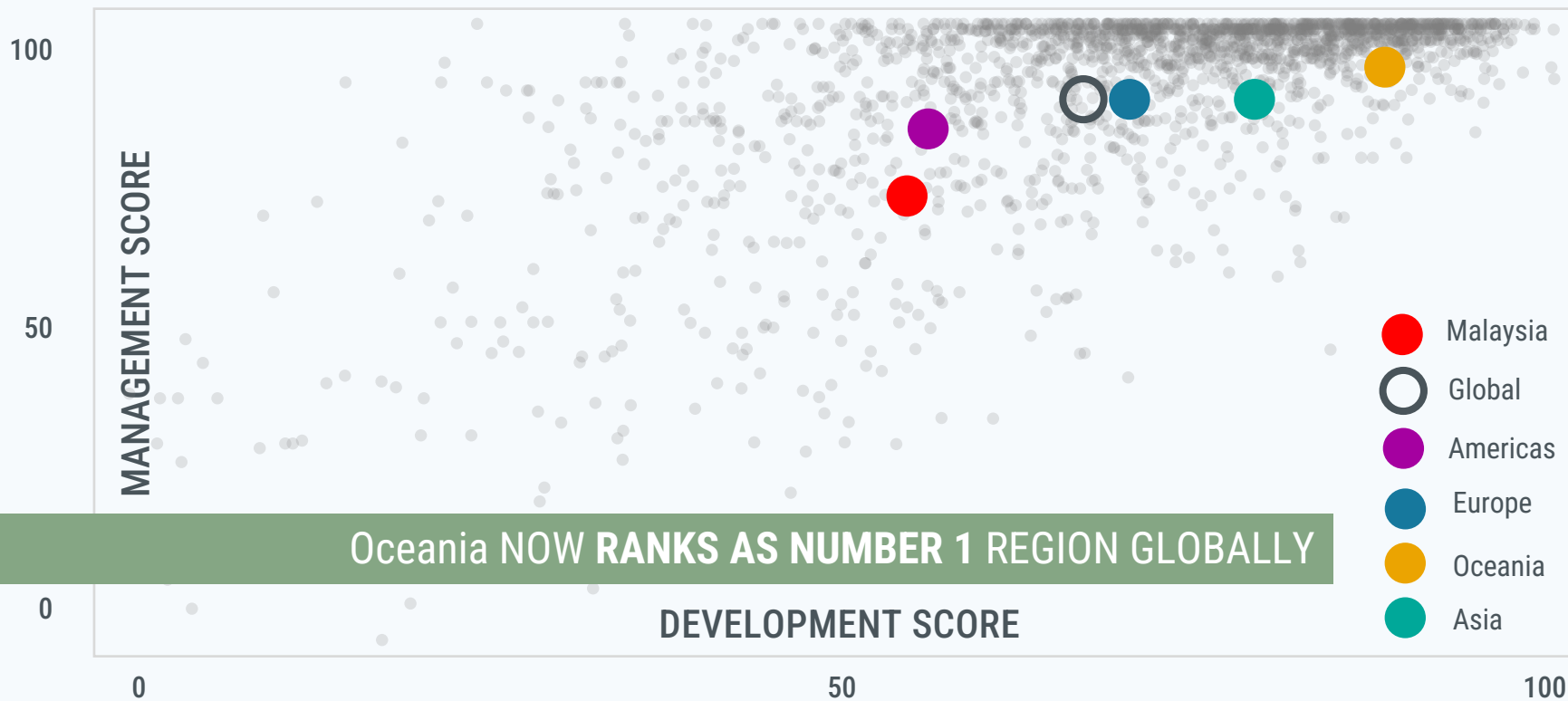
GRESB MODEL (Standing Investments)

ESG across two dimensions



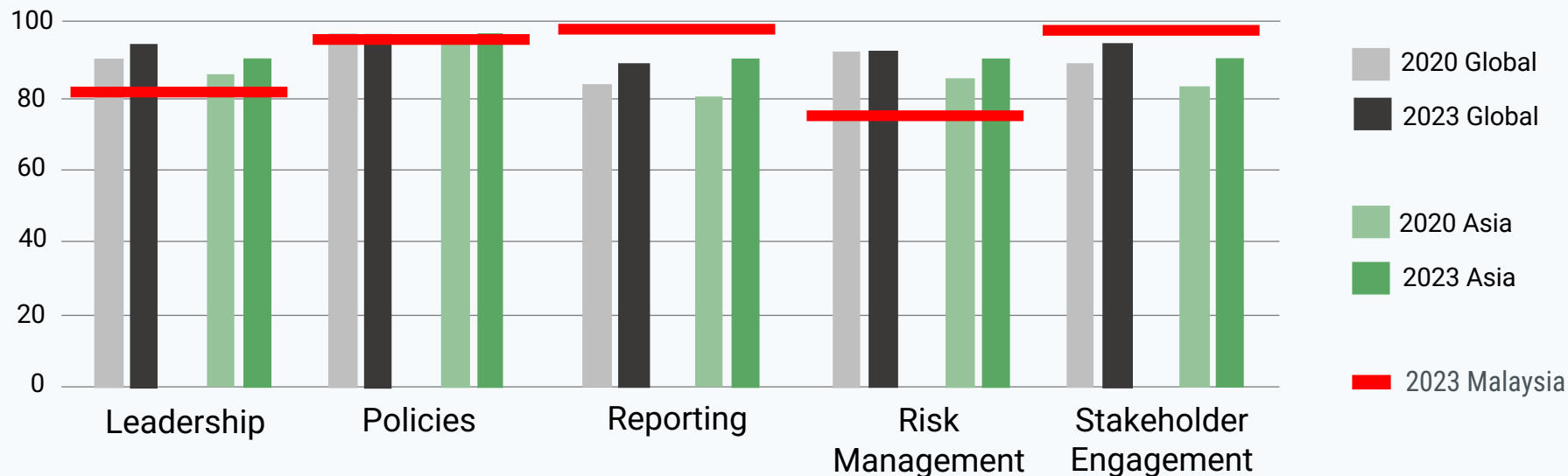
GRESB MODEL (Development)

ESG across two dimensions



ADOPTION OF BEST PRACTICES

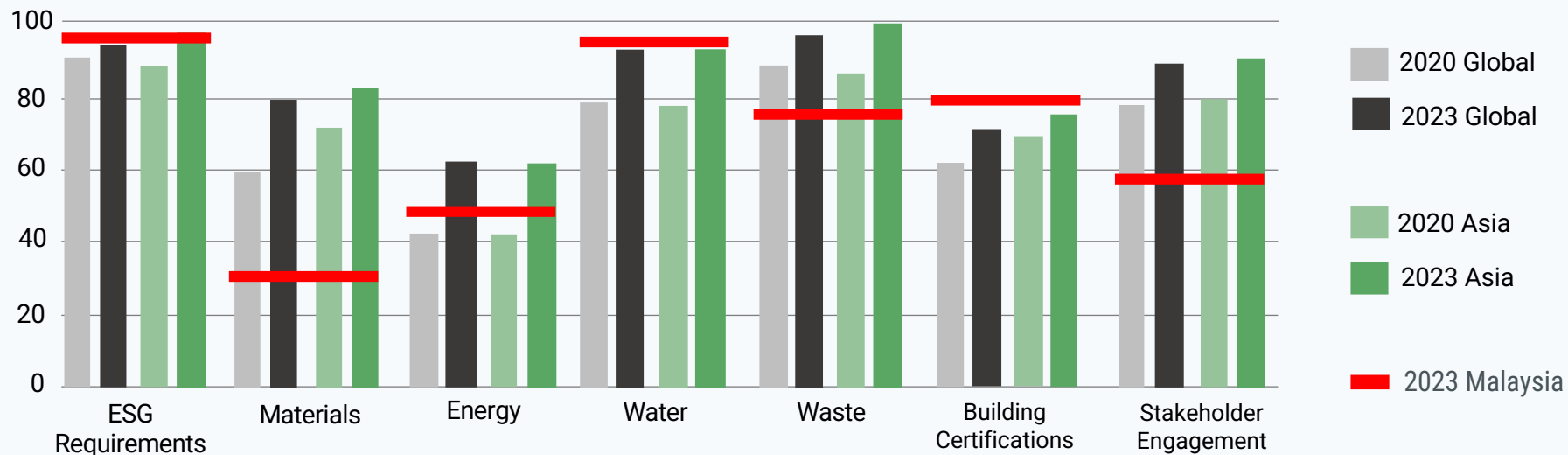
Management aspects



MORE ESG REPORTING, INCREASED STAKEHOLDER ENGAGEMENT

ADOPTION OF BEST PRACTICES

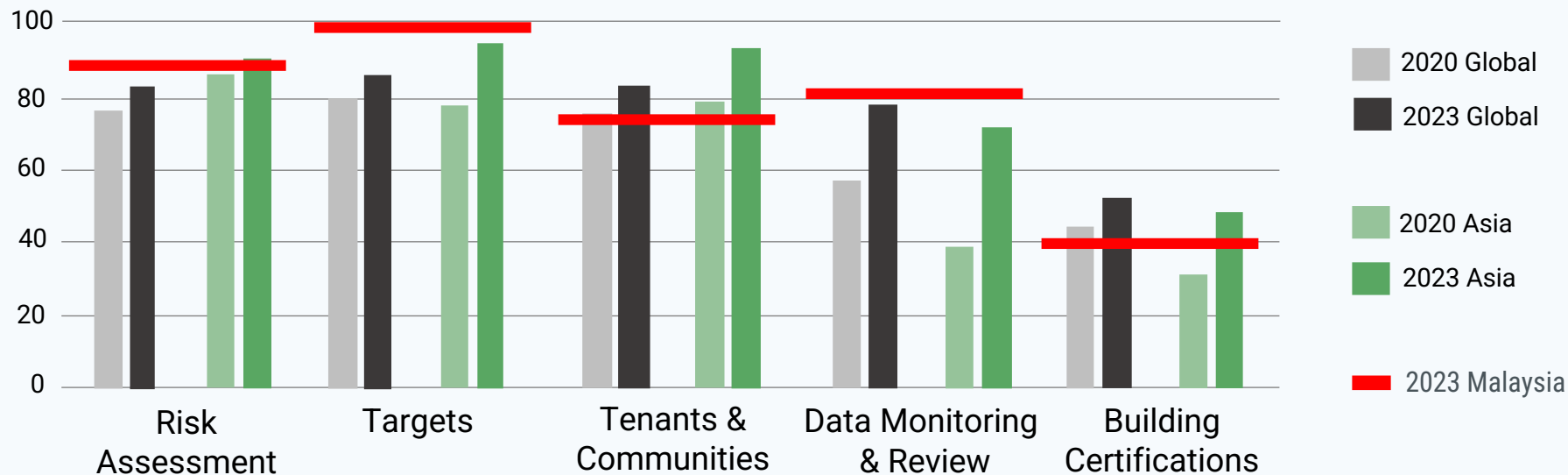
Development aspects



PORTFOLIO AND BUILDING-LEVEL ACTIONS LEADING TO IMPROVED OUTCOMES

ADOPTION OF BEST PRACTICES

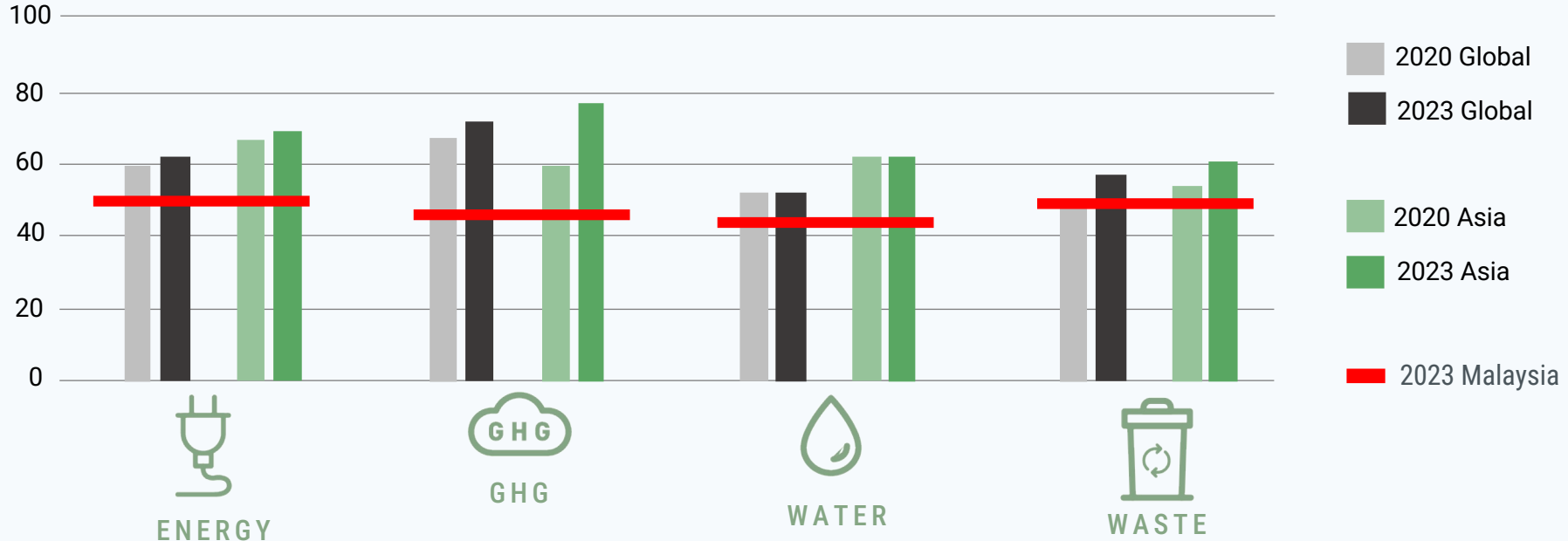
Performance aspects



PORTFOLIO AND BUILDING-LEVEL ACTIONS LEADING TO IMPROVED OUTCOMES

ENVIRONMENTAL PERFORMANCE

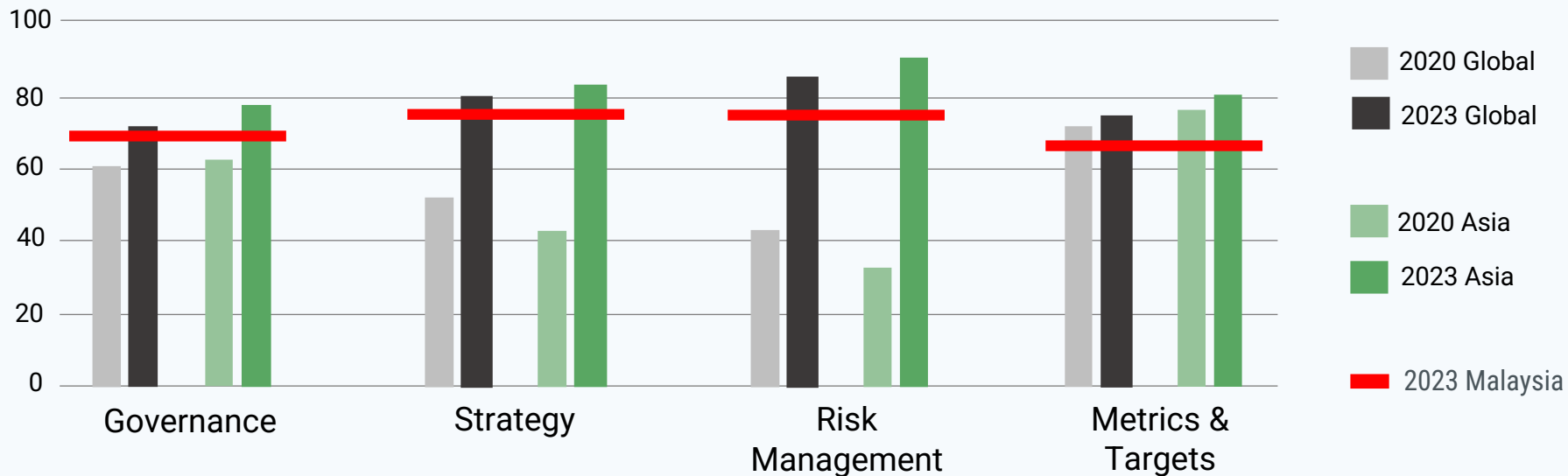
Performance aspects



WHAT CAN BE MEASURED CAN BE MANAGED...

CLIMATE

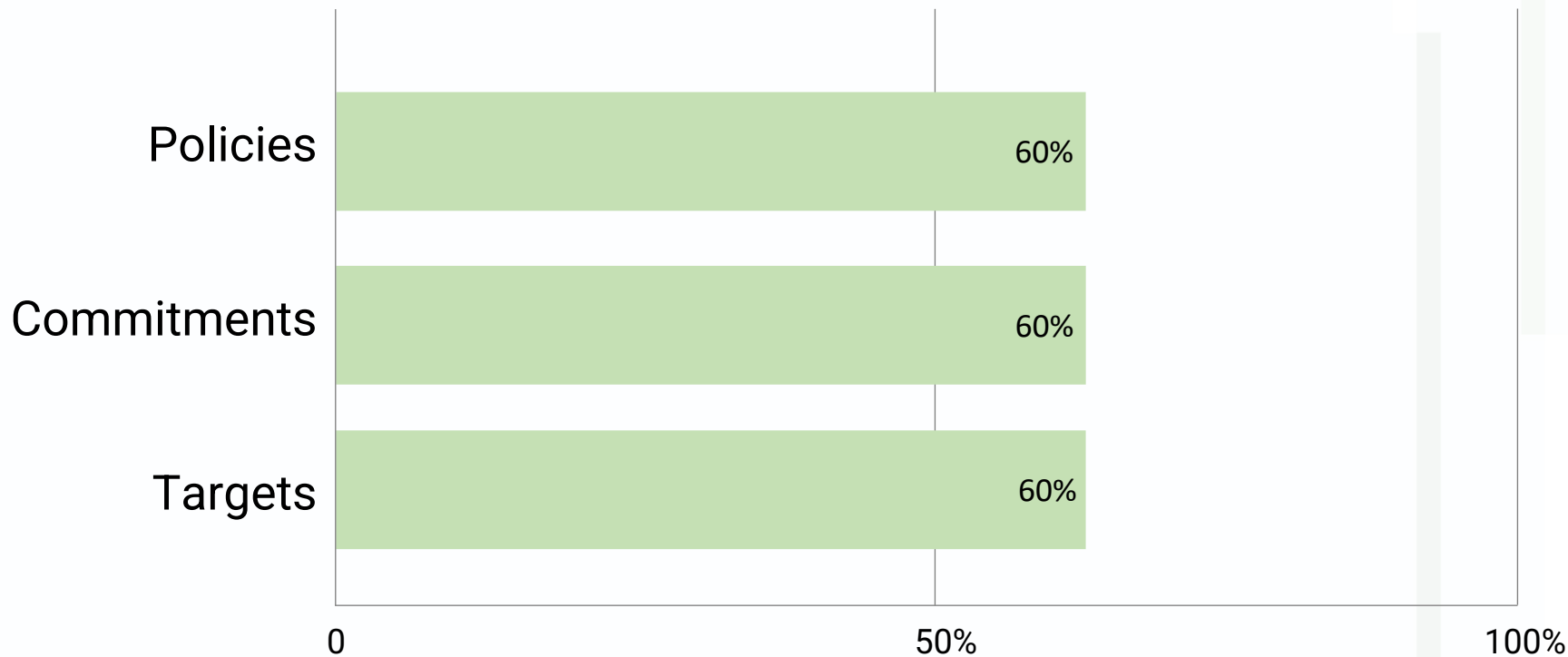
TCFD alignment 2020-2023



MAJOR IMPROVEMENTS IN TCFD-ALIGNED CLIMATE (RISK) MANAGEMENT...

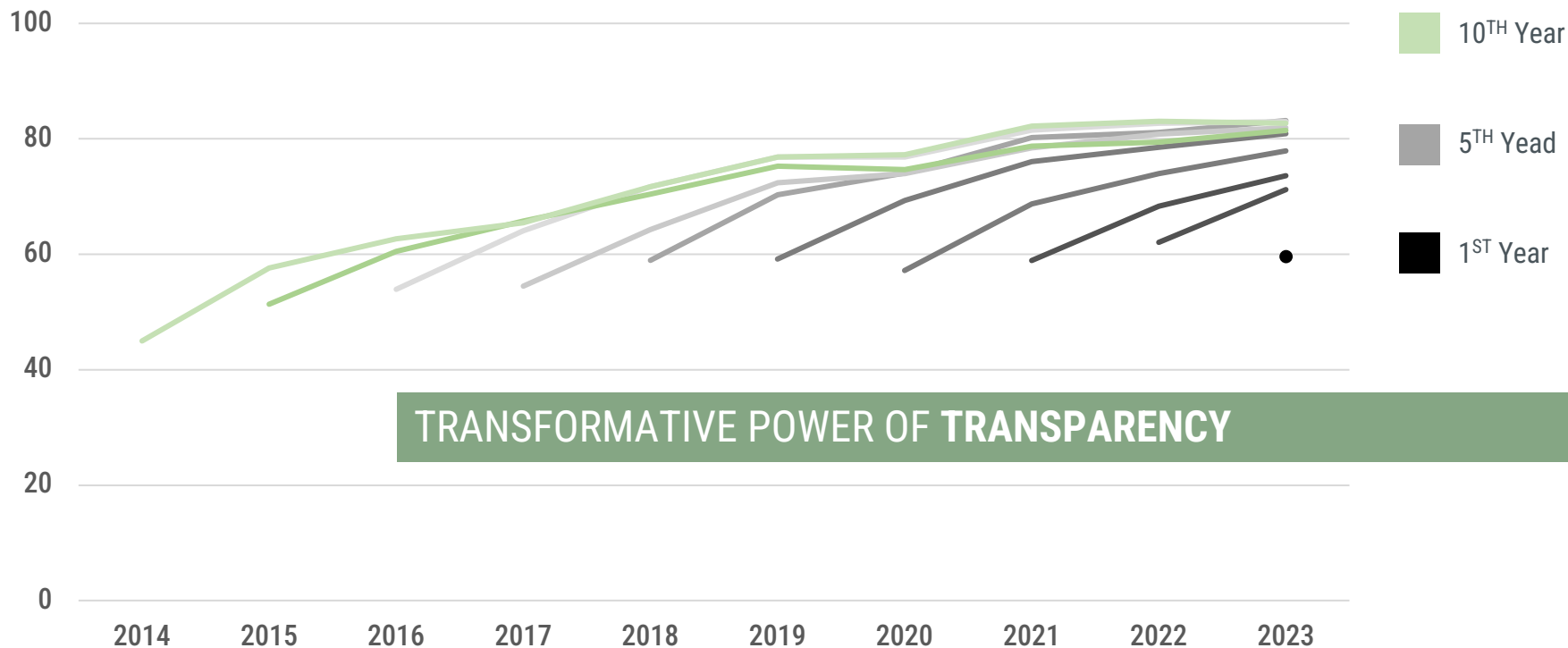
Net Zero

Policies, commitments & targets



LEADERSHIP IN ESG

GRESB Score development of new participants



2023 GRESB SECTOR LEADERS

Global Sector Leaders - Asia



2023 GRESB SECTOR LEADERS

Regional Sector Leaders - Asia



恒基兆業地產有限公司
HENDERSON LAND DEVELOPMENT COMPANY LIMITED



ITOCHU REIT
Management Co., Ltd.

이지스자산운용
IGIS Asset Management



nuveen
REAL ESTATE



VALUE RETAIL CHINA

GRESB FOUNDATION ROADMAP

What's next for GRESB

High-level considerations:

- Distinguishing market leaders and innovators
- Recognizing measured, operational performance
- Improving segmentation and specificity
- Aligning with public policy and regulation
- Improving data quality and interoperability



THANK YOU!