

ESG Reporting Frameworks

Enabling Effective Measurement, Reporting and Comparability

Mr Raymund Chao

Asia Pacific and China Chairman

PwC

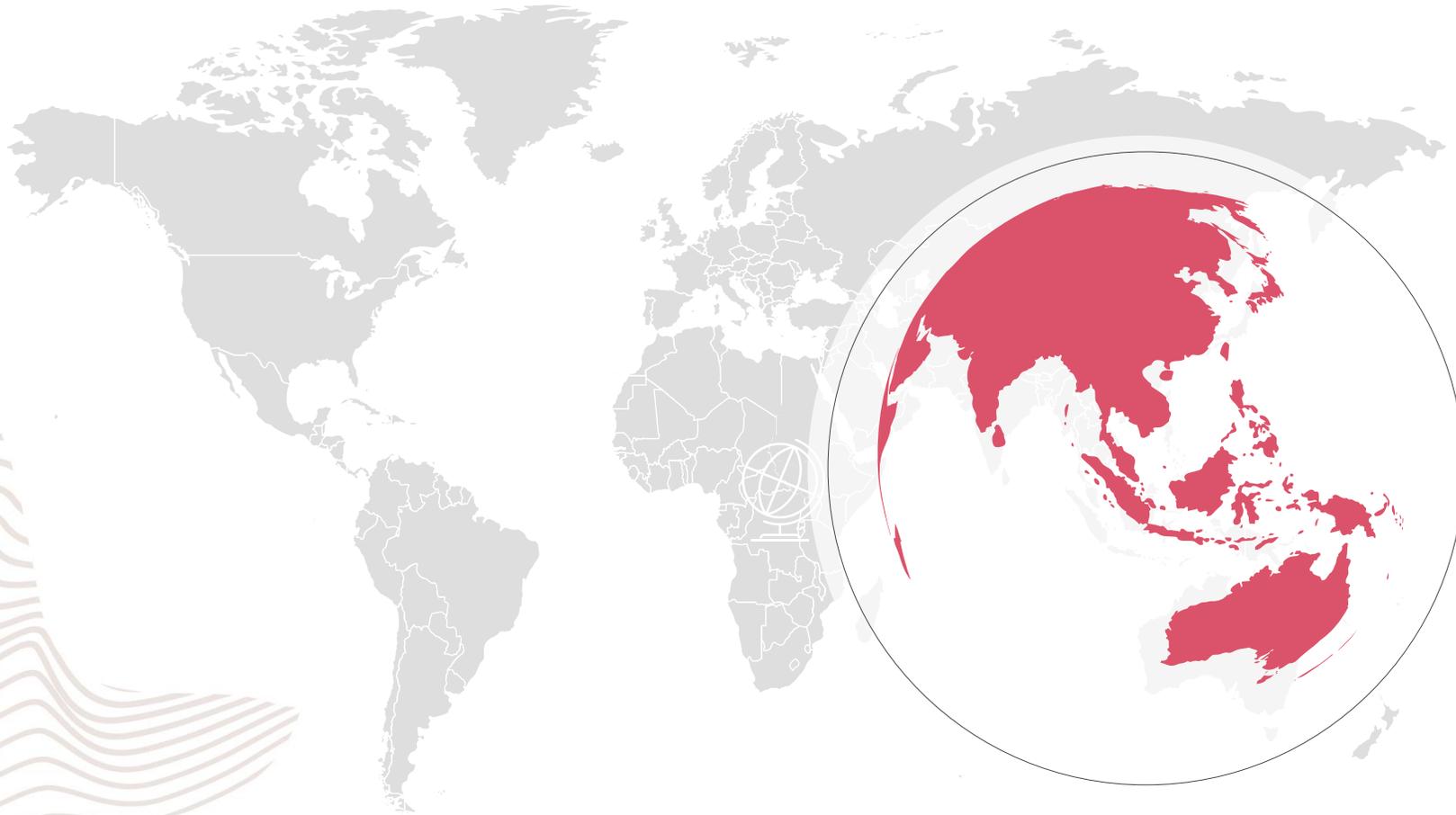
2022 COLLOQUIUM ON INTERNATIONAL LAW



The **Global Climate Crisis:**
Finding Common Ground
through **International Law**

Cost of Climate Change (by 2050)

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-18%

Global GDP -18% or
US\$23 trillion

-26.5%

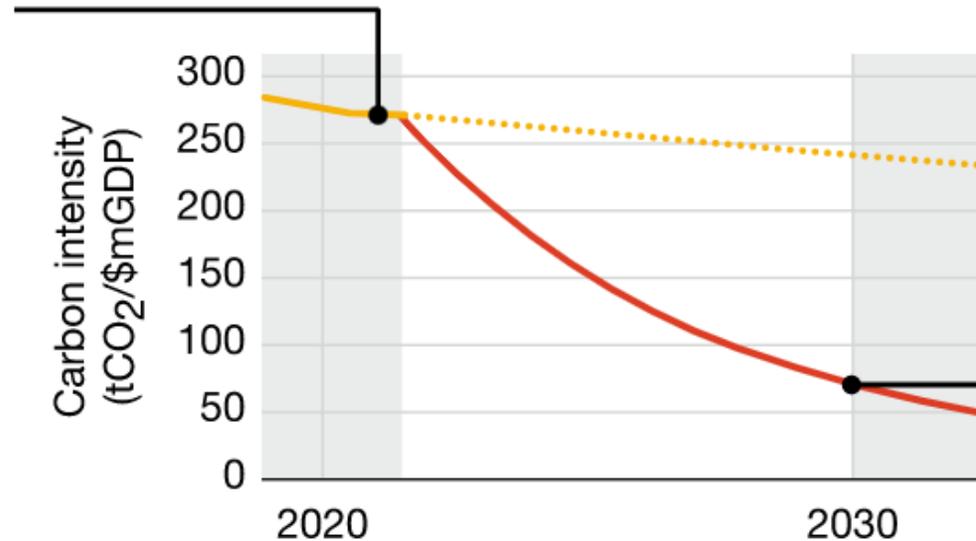
Asia Pacific -26.5% of GDP

Tracking Decarbonisation Journey – A Snapshot

We don't have much time...

-0.5%

The global rate of decarbonization attained in 2021

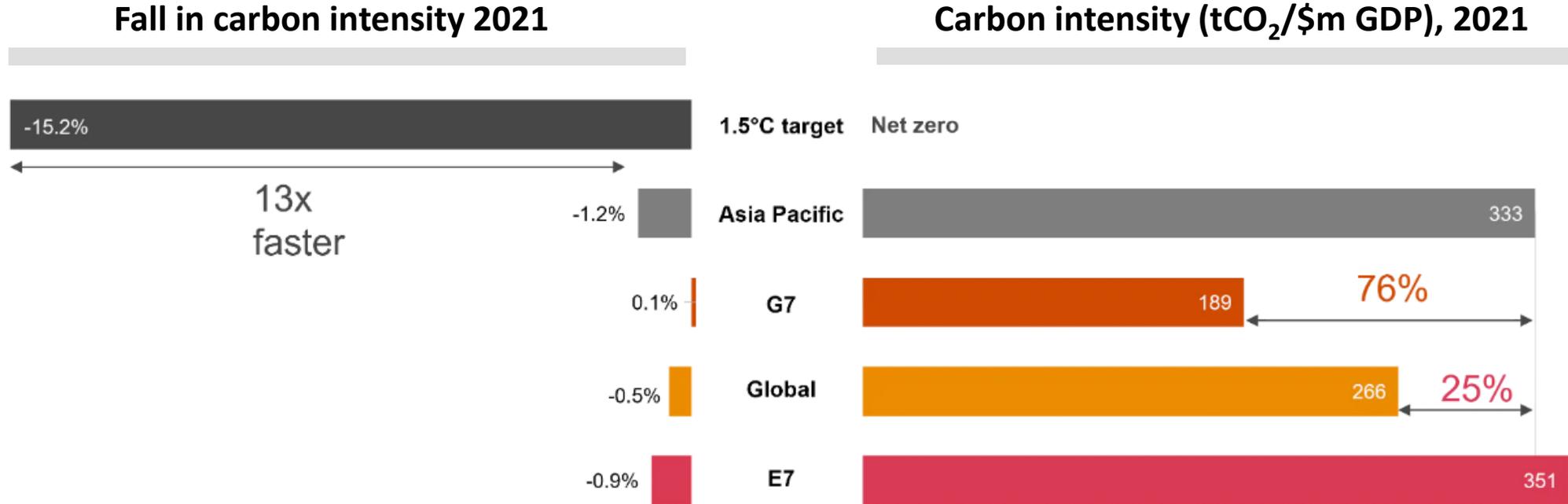


-15.2%

The global rate of decarbonization needed each year to limit global warming to 1.5°C by 2030

Source: Strategy+business, PwC 2022

Tracking Decarbonisation Journey



Source: PwC Net Zero Economy Index: Asia Pacific's Transition, 2021

Note:

Economies covered in the Asia Pacific metrics: Australia, Bangladesh, China, India, Indonesia, Japan, Malaysia, New Zealand, Pakistan, Philippines, South Korea, Thailand and Vietnam

E7: BRICS (Brazil, Russia, India and China), Indonesia and Turkey

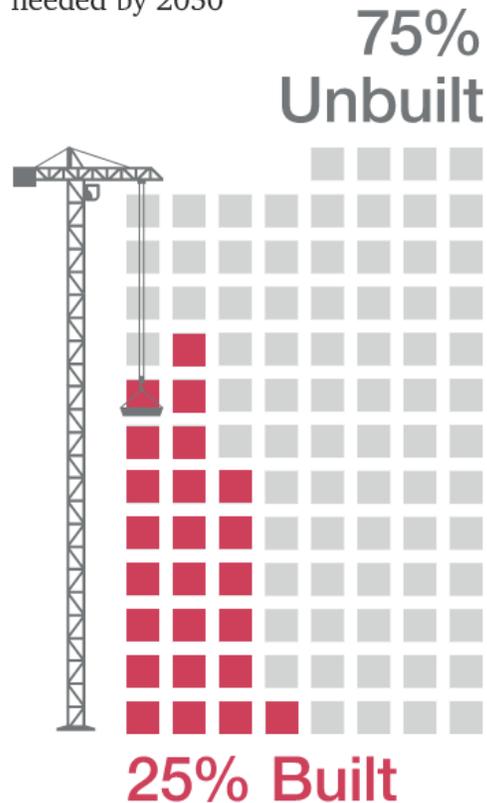
G7: Canada, France, Germany, Italy, Japan, the United Kingdom and the United States

Certain Asia Pacific economies are not included due to data source limitations

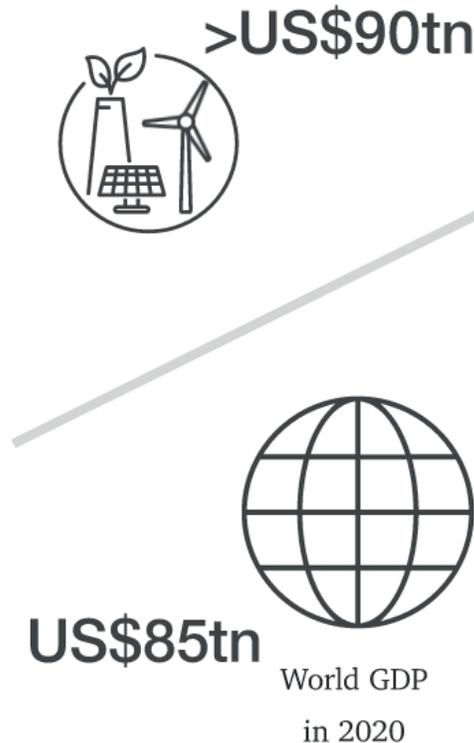
Source: PwC Net Zero Economy Index: Asia Pacific's Transition, 2021

Tracking Decarbonisation Journey

Status of green infrastructure
needed by 2050



Cost of green infrastructure
needed by 2040



Share of total private
infrastructure investment that
went to high-income countries
in 2021



Source: UN Environment Programme; Global Infrastructure Hub;
UN Office for Project Services;
Strategy+business, PwC 2022

Meeting Steep Net Zero Commitments – Scope 3

65%–95%

Scope 3 greenhouse gas emissions[#]

- Making up 65%–95% of most companies' carbon impact
- Scope 3 reporting has thus far been mostly voluntary but soon there may not be a choice – the pressure to make it mandatory is growing

Greenhouse gas emissions are categorised into three groups or 'Scopes' by the most widely-used international accounting tool, the Greenhouse Gas (GHG) Protocol.

- Scope 1 covers direct emissions from owned or controlled sources.
- Scope 2 covers indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by the reporting company.
- Scope 3 includes all other indirect emissions that occur in a company's value chain.

A snapshot of the key global organisations issuing ESG standards/frameworks/guidance that impact how corporates report (as at August 2022)

Umbrella reporting standards/frameworks (covering a breadth of ESG topics)



Single issue standards/frameworks/measurement protocols/enablers



ESG Principles, guidelines & enabling initiatives



Sustainability Ratings & Rankings



ISSB Consolidation

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Source: AuditBoard Inc, 2022

How to Drive Positive Climate Change

Effective measurement

Effective reporting

Effective comparability



Thank you

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