

Climate Finance: Middle-income country considerations towards the NCQG

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UNCTAD-G77-TWN Seminar

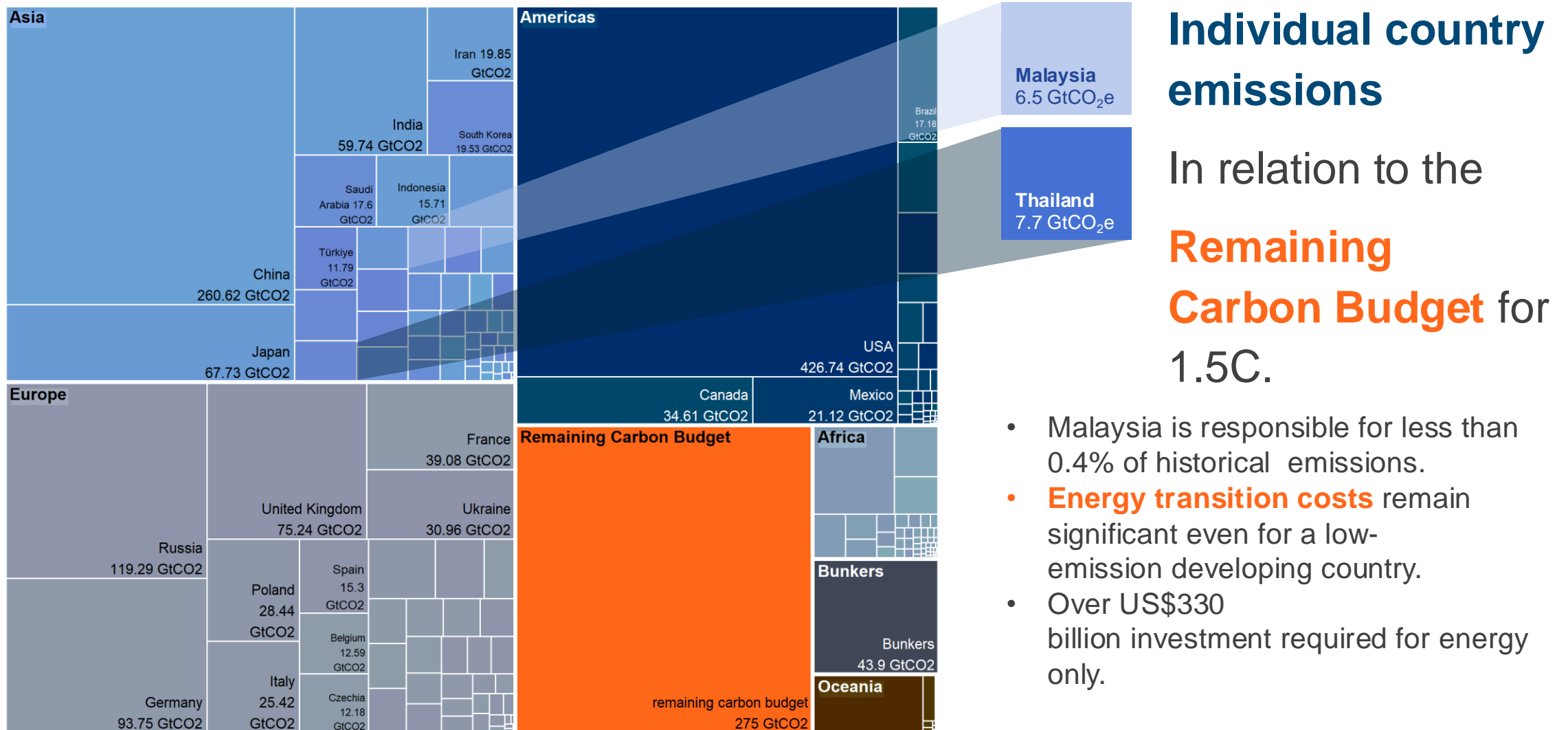
Date: 8 September 2024

Venue: JW Marriott, Baku, Azerbaijan

Equity

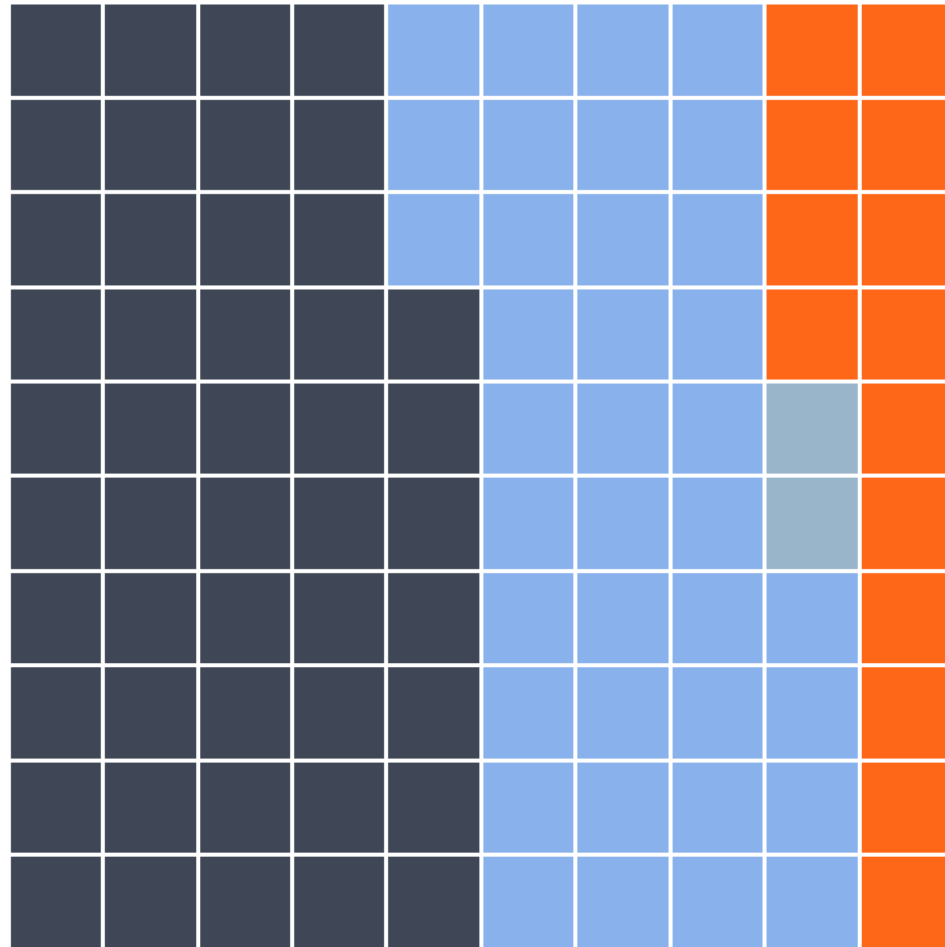
Developing Country Climate Finance Dilemmas

Total fossil fuel emissions and remaining carbon budget, 1850 – 2022 (GtCO₂e)



Source: Friedlingstein et al. (2023); KRI visualisation

Carbon budget used by OECD v Non-OECD



OECD
38 countries

Carbon budget share

- Bunkers
- Non-OECD
- OECD
- remaining carbon budget

Non-OECD
157 countries

Structural Transformation and Climate Change

Mitigation

Adaptation

Means of
Implementation

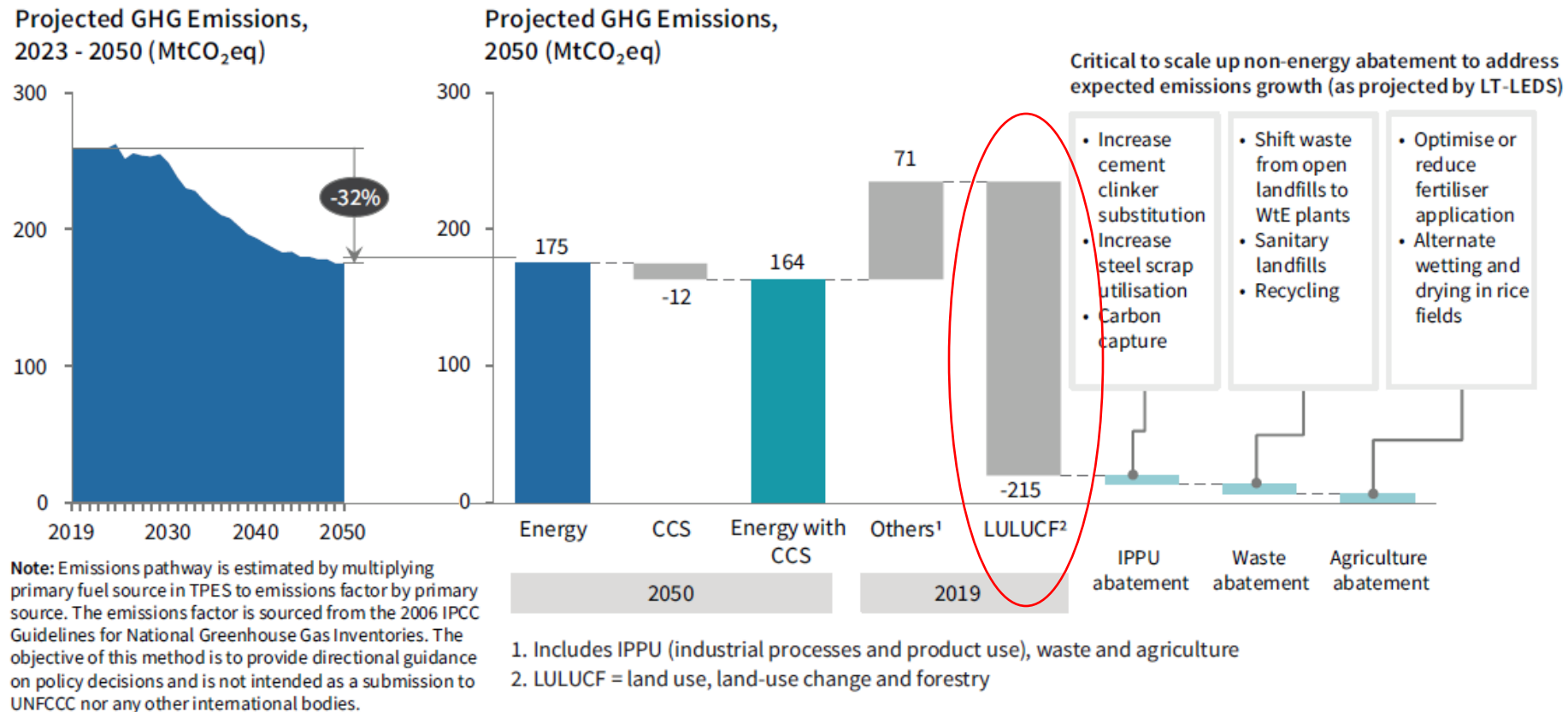
Loss & Damage

Current estimates are:

- **RM 1.2 trillion (US\$ 277 billion) for energy transition (estimated minimum) until 2050** – National Energy Transition Roadmap (2023)
- **RM 392 billion (US\$ 90 billion) for flood adaptation (estimated) over the next 50 years¹** – NRECC (Climate and Energy) Minister.

Financing climate resilient development may require development of new tools or fresh combinations of existing ones, such as the use of offshore bonds, development finance institutions, and sustainability-linked sukuk or bonds. More active participation in international climate finance fora would also help.

Mitigation pathway to 2050



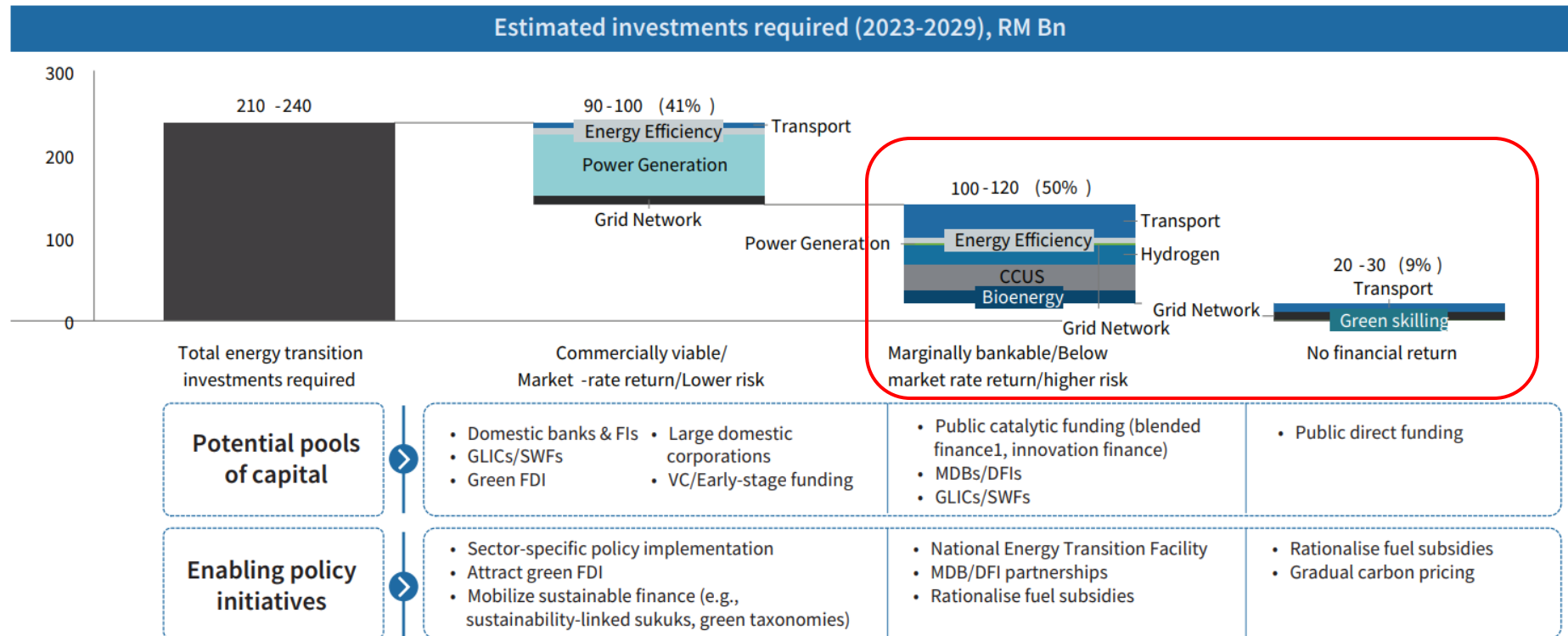
- By 2050, **sinks (LULUCF)** would cover 91% of emissions, up from 65% in 2019. Sinks are expected to remain **constant** relative to 2019 levels.
- Removals and sinks and **critically under-financed**. Beyond an Ecological Fiscal Transfer of a mere US\$31million nationwide, policy discussion on solutions is limited to sub-standard tools such as carbon credits and carbon taxes.

Over half of medium-term energy transition investments lack commercial viability

The identified financing needs that are marginally bankable are fundamental to successful transition, e.g., public and electric transport infrastructure, energy efficiency, and grid upgrades.

Medium-term national energy transition investment needs

US\$55.4 billion by 2029



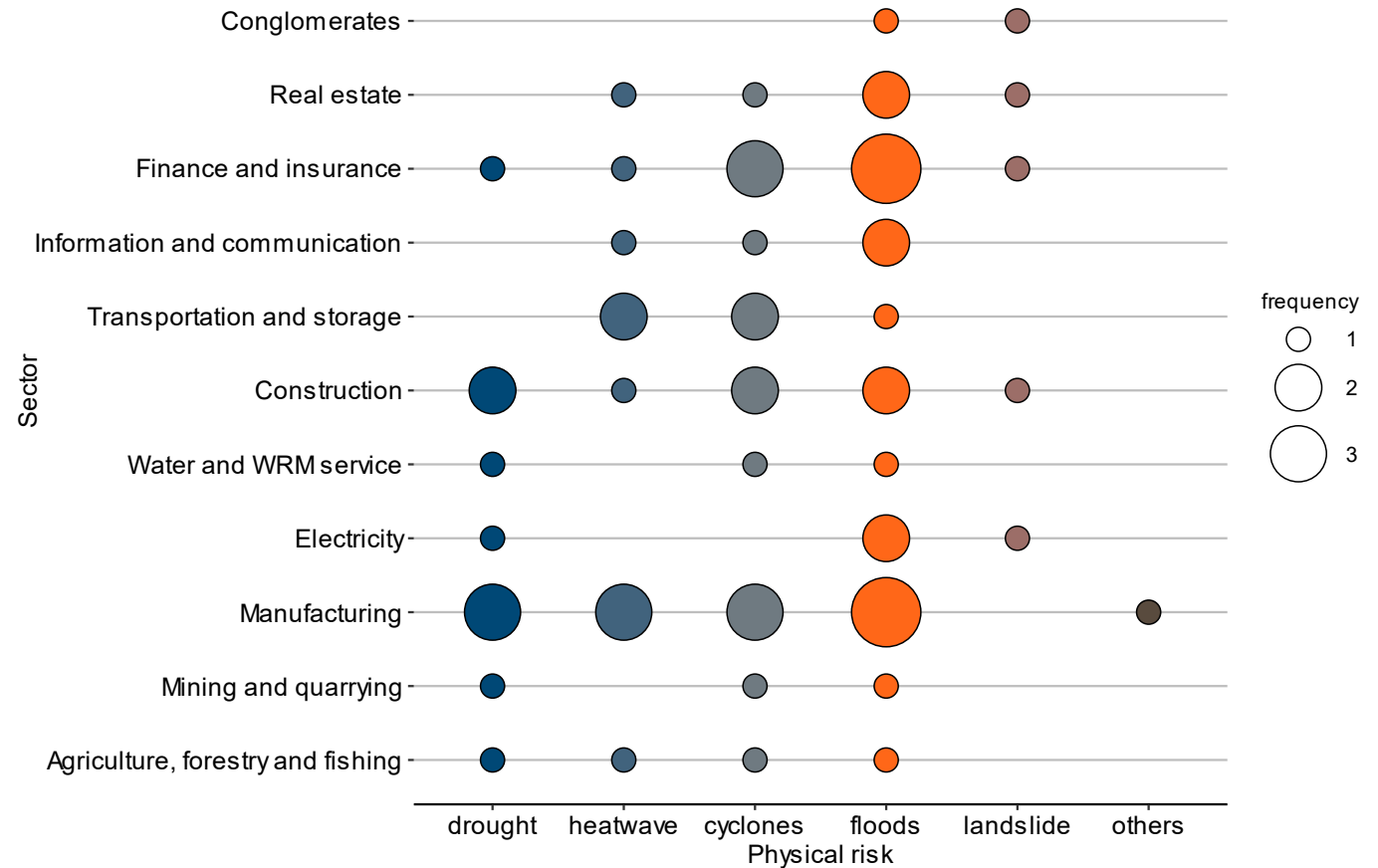
Financial Institution (FI), Government Link Investment Company (GLIC), Sovereign Wealth Funds (SWF)
 Foreign Direct Investment (FDI), Venture Capital, Multilateral Development Bank (MDB), Development Finance Institution (DFI)

Source: Ministry of Economy, National Energy Transition Roadmap (2023)

Industries are facing climate risks; adaptation needs to accelerate.

1. Of 28 companies supporting the Taskforce on Climate-related Financial Disclosures (TCFD) framework, all sectors reported **physical risks** across multiple climatic drivers.
2. **The manufacturing sector is exposed to most risk types.** Sectors are vulnerable to risks of not just one, but **combined** physical impacts, requiring different forms of adaptive measures to enhance resilience of their operations on multiple fronts.

Chronic physical risks reported by Malaysian companies under the TCFD framework, 2022.



Source: KRI's compilation

Yet, with **industry adaptation** needs we expect to see the rise of an **adaptation industry**

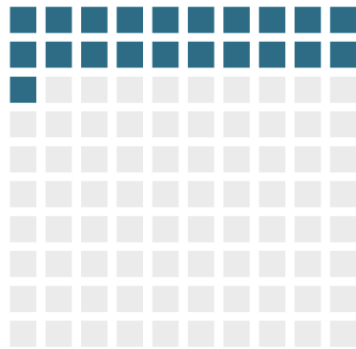
Globally, industry is not prepared for adaptation

Sustainability Insights | Research

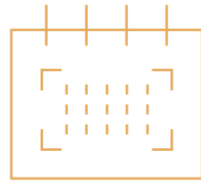
Risky Business: Companies' Progress On Adapting To Climate Change

By the numbers: Companies and climate adaptation

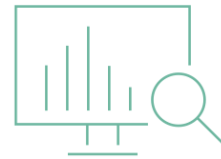
21% of companies have an **adaptation plan**



Less than half of adaptation plans will be **implemented within 10 years**



In 48% of the adaptation plans we reviewed, risks could be **underestimated or not assessed**



69% of plans we reviewed do not quantify **adaptation costs**



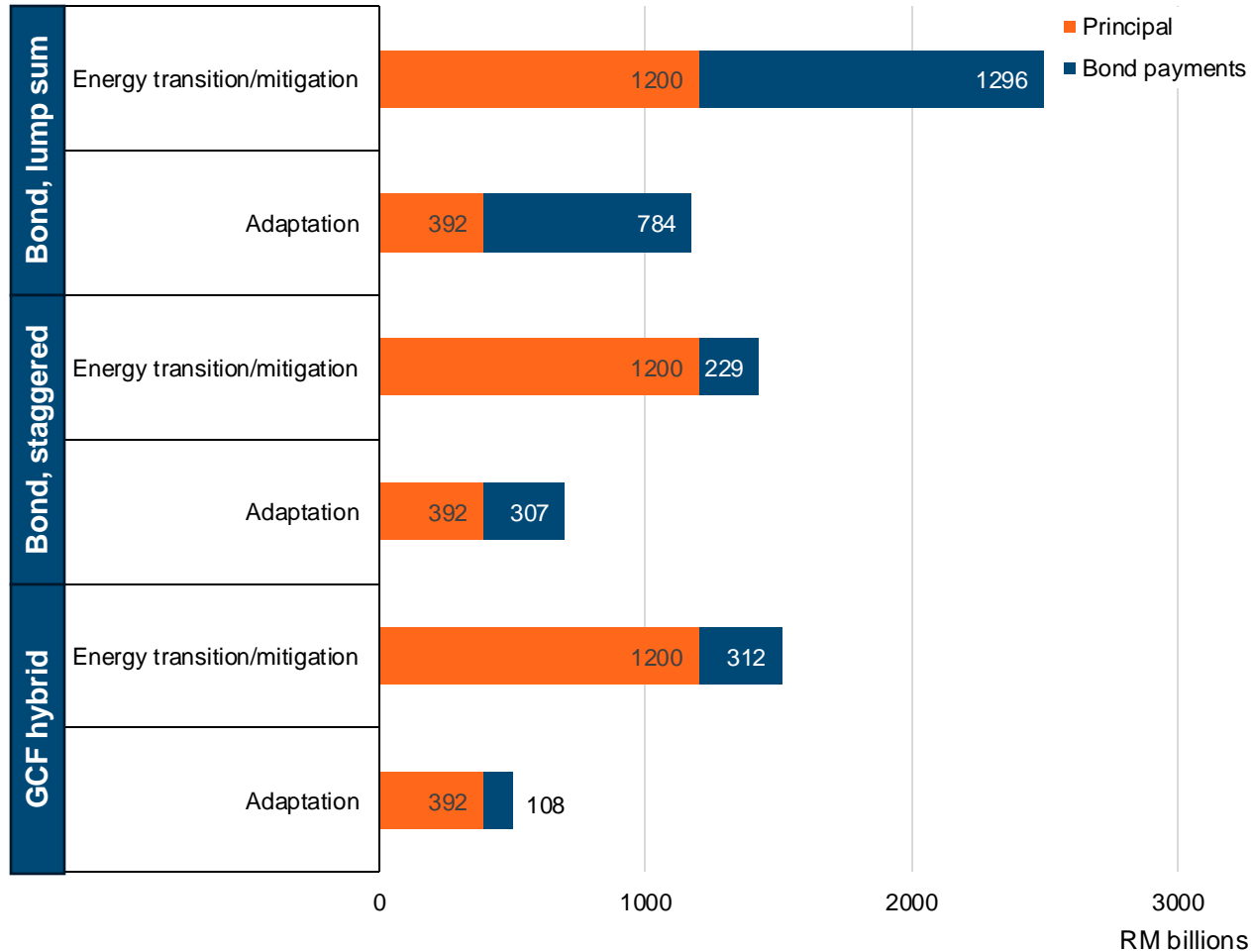
In Europe, 83% with adaptation plans say climate risks can have a **financial impact**



Based on 6,871 responses in the 2022 S&P Global Sustainable¹ Corporate Sustainability Assessment, as well as 130 companies' adaptation and resilience plans. Source: S&P Global Ratings.

S&P Global
Ratings

Cost of Capital Scenarios, Malaysia (Simple)



Scenario 1: Lump sum borrowing – Largest debt service [Benchmark case]

Scenario 2: Bond issuances at 5-year intervals – Pares down debt costs

Scenario 3: Concessional financing – Assume GCF had adequate financing

Key Considerations on the NCQG in 2024

- Cost of capital
- Cost of conserving or improving sinks
- Uncosted costs – especially adaptation and resilience
- Constructive waste / learning by doing / maladaptation – Price in learning by doing in adaptation.
- Timeliness of Financing – funding delayed is funding denied?
- Reconciling risk – Policy tools to open the pathway for high risk/low return items; improving profitability
- Sustainable development: Combining climate measures with industrial policy – creating appropriate policies and institutions to channel and allocate finance, plus drive inclusive growth
- Maintain conditionality in the next NDC cycle – NDCs should reference the adequacy of NCQG
- Unilateral trade measures reducing developing country domestic finance – CBAM
- Retaliatory climate finance measures – historically-adjusted tax on developed countries

Thank you

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