



German – Indonesian Technical Cooperation

Accelerating Decarbonization Efforts through Energy Efficiency and Renewable Energy

Jakarta, 11 September 2024

Indonesia Sustainable Energy Week 2024



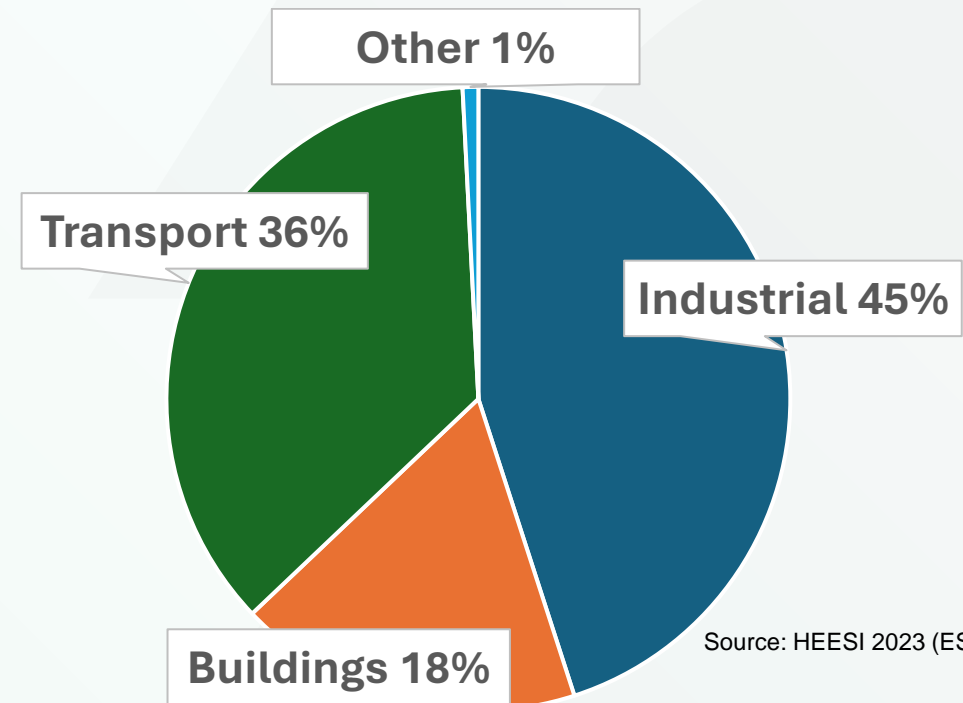
Focus on Industry & Buildings

- Accelerate the National NZE Target & Ignite Sustainable Consumption

**GHG Emission Projection in 2030
Based on Enhanced NDC**

Sector	GHG Emission Level 2010 (MTon CO ₂ e)	GHG Emission Level 2030 (MTon CO ₂ e - BAU)
Energy	453.2	1,669
Waste	88	296
Industrial Process & Product Use (IPPU)	36	69.6
Agriculture	110.5	119,66
Forestry & Other Land Use (FOLU)	647	714
Total	1,334	2,869

Energy Consumption Profile 2023



Source: HEESI 2023 (ESDM, 2024)

Push & Pull Factors

National and International Climate Ambitions

- Supporting Policy

Indonesia's Climate Target

- 31.89%** Unconditional emission reduction
- 43.2%** Conditional emission reduction
- 2060** Reach Net Zero

National policy products

To support the target, some key policies has been developed, such as:



International Climate Target

- 2030** Reach emission peak
- 2050** Reach Net Zero

International policy products

Other countries are also tightening its global trade policies, some examples:



EU on carbon border adjustment mechanism (CBAM)



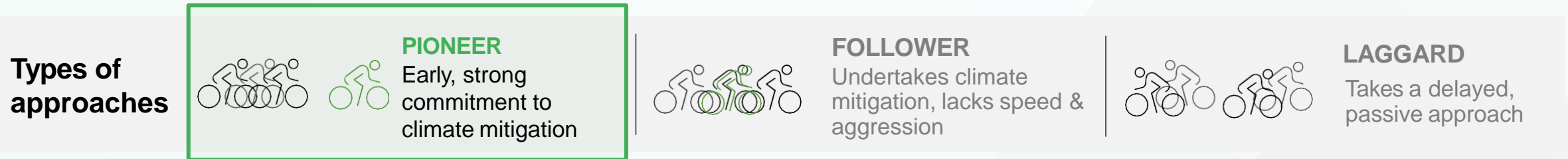
UK on anti deforestation policy for selected import commodities



US on polluter import fee

What's in it for Private Sectors?

First-Mover on Decarbonization Will Have Advantages



ADVANTAGES FOR PIONEERS



Good public & media recognition, avoid claims of greenwashing



Increase investors' confidence, increase consumer's willingness to pay, & bottom-line savings



Seize new green business opportunity, increased innovation

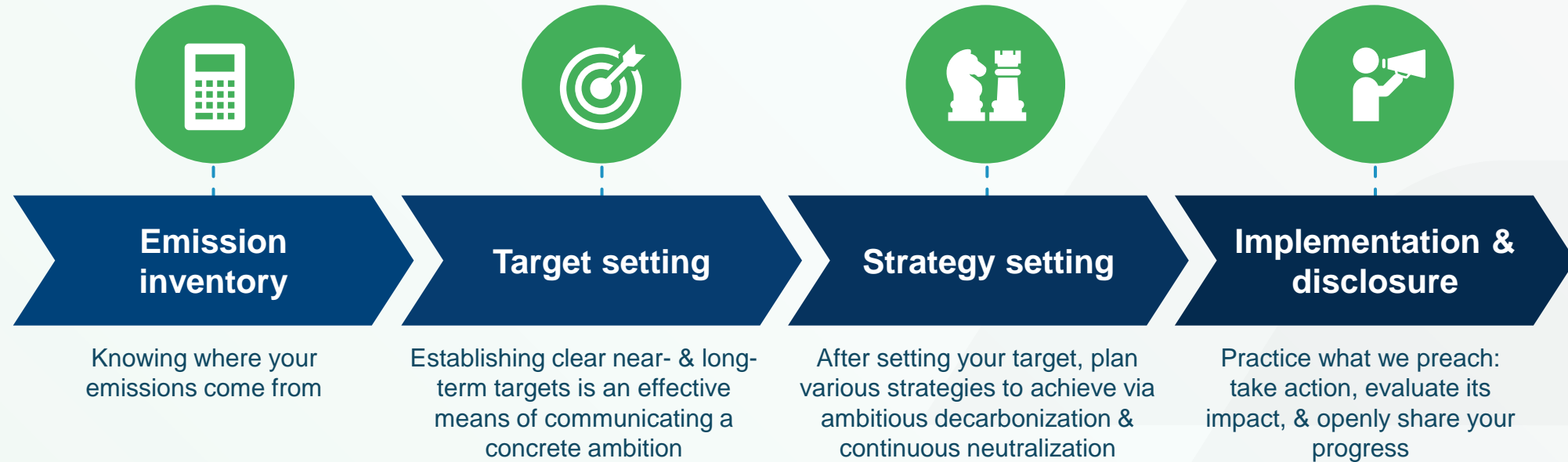


Anticipate regulatory development, can even co-shape the regulation



Optimal transformation phase, avoid technology lock-in

How Can Companies Start Their Decarbonization Pathway?



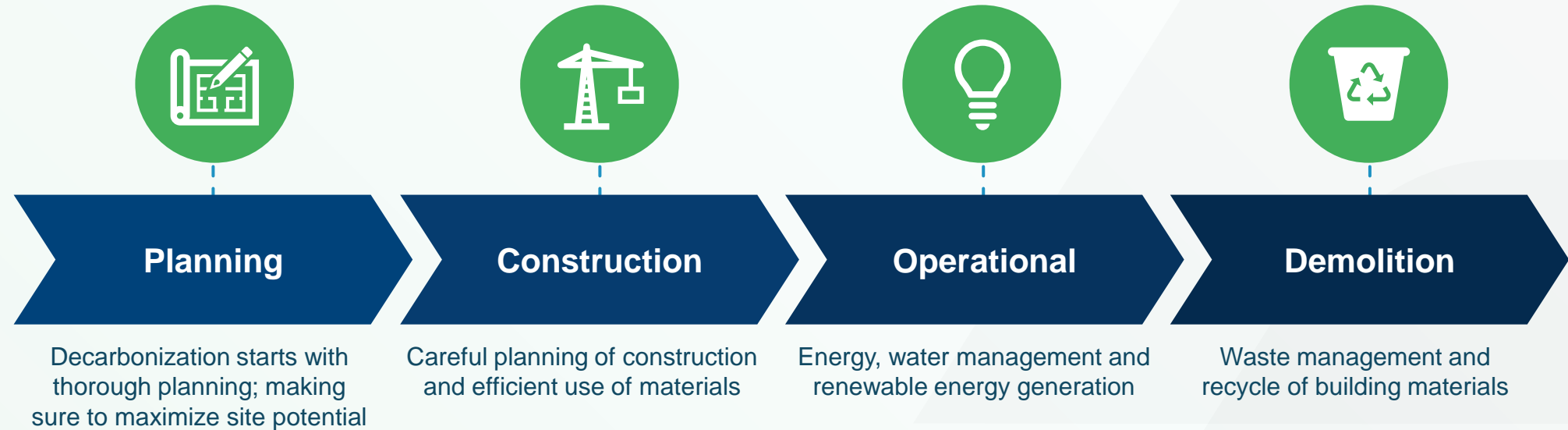
90% of companies who disclose GHG emissions use GHG Protocol



2,250+ companies have committed to setting SBTI targets, 1,000+ are approved



How Can the Building Sector Decarbonize?



Green building certification in Indonesia:



GREENSHIP



50%

Emission reduction can be achieved to green building implementation*

25%

Energy efficiency compared to typical/previous consumption**

* Agustine, 2013; Van Basten, 2019

** Permen PUPR 21/2021

International Support Available on Several Key Elements

example

Catalogue of available high-efficient and RE technologies

Trainings on Energy Management

Pre-Feasibility Studies
Energy Auditing

Matchmaking of Private Sector, Project Developer & Financial Institutions

Research and Study

Capacity Development

Technical Assistance

Upscaling and Implementation



Sustainable Energy Transition in Indonesia (SETI) Project

How to Benefit from International Support through SETI?

When?

Registration opening: October 2024

Who?

Stakeholders interested to learn about Decarbonization and move to action

How?

The registration link will be provided in the ISEW post-event email to all participants



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Thank You

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