



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

NET ZERO
PARTNERSHIP

Net Zero Partnership for Industrial Decarbonization

Fast-tracking decarbonization in
heavy industry through NDC
Enhancement: MENA

30 April 2025



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INDUSTRIAL DEVELOPMENT ORGANIZATION

NET ZERO
PARTNERSHIP

The Net Zero Partnership for Industrial Decarbonization

A **global program** providing assistance to first mover industrializing developing countries ([Climate Club](#) members) willing to leapfrog a switch to **less-carbon intensive production methods of steel cement and concrete** to meet net zero target by 2050.

Supported by:



Federal Ministry
for Economic Affairs
and Climate Action

IKI



INTERNATIONAL
CLIMATE
INITIATIVE

on the basis of a decision
by the German Bundestag





HOW WE WORK: DRIVING PRACTICAL AND IMPACTFUL OUTCOMES

Planning & Policy Support



Vision, Pathways, Plans

Formulation of targets, strategies, decarbonization roadmaps, NDC revision, MRV support

TODAY'S DISCUSSION



Policies, Incentives, Standards

Policy instruments & incentive schemes, National standards for low-carbon products,

Pipeline Development



Decarbonization Solutions

Awareness raising
Company selection & rapid assessment
Formulation of decarbonization challenges



Project Preparation Assistance Facility

Assessment of pre-feasibility studies
Identifying sources of financing & de-risking instruments.

Convening & Knowledge Sharing



Partnerships & Experience Sharing

Global industry-wide knowledge sharing & peer-to-peer exchange





Knowledge Products, Tools, Guidelines

Global communication strategy
Tools, guidelines, templates & methodologies



NDC 3.0 Support Package

-  **Technical assistance**
Supporting technical design of the NDC through identification of relevant policies and measures, goal setting, guidance for stakeholder engagement and transparency
-  **Guidance Book**
Step-by-step guidance on how to enhance countries' **NDCs** with respect to **industrial decarbonization**.
Link: [NDC 3.0 Guidebook for Industrial Decarbonization](#)
-  **Modelling scenario tool**
MITICA: developing GHG emission scenarios with enhanced capabilities of **modelling industrial sector emissions and scenarios**.
Link: [GHG Support | UNFCCC](#)



NDC 3.0 GUIDEBOOK FOR INDUSTRIAL DECARBONIZATION

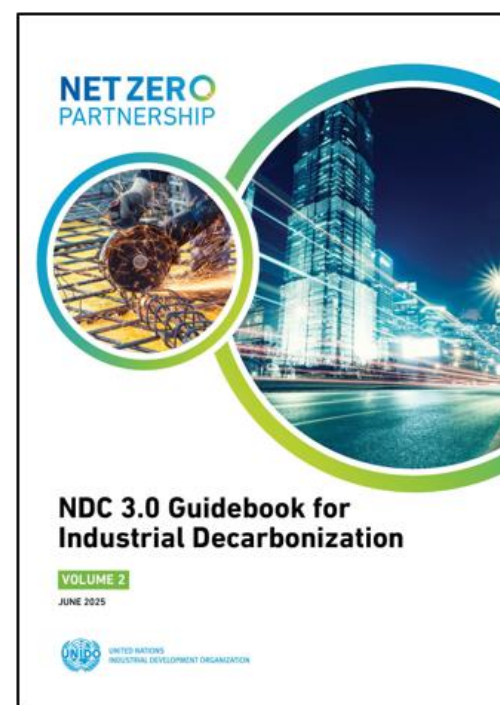
Volume 1

(Published in January 2025)

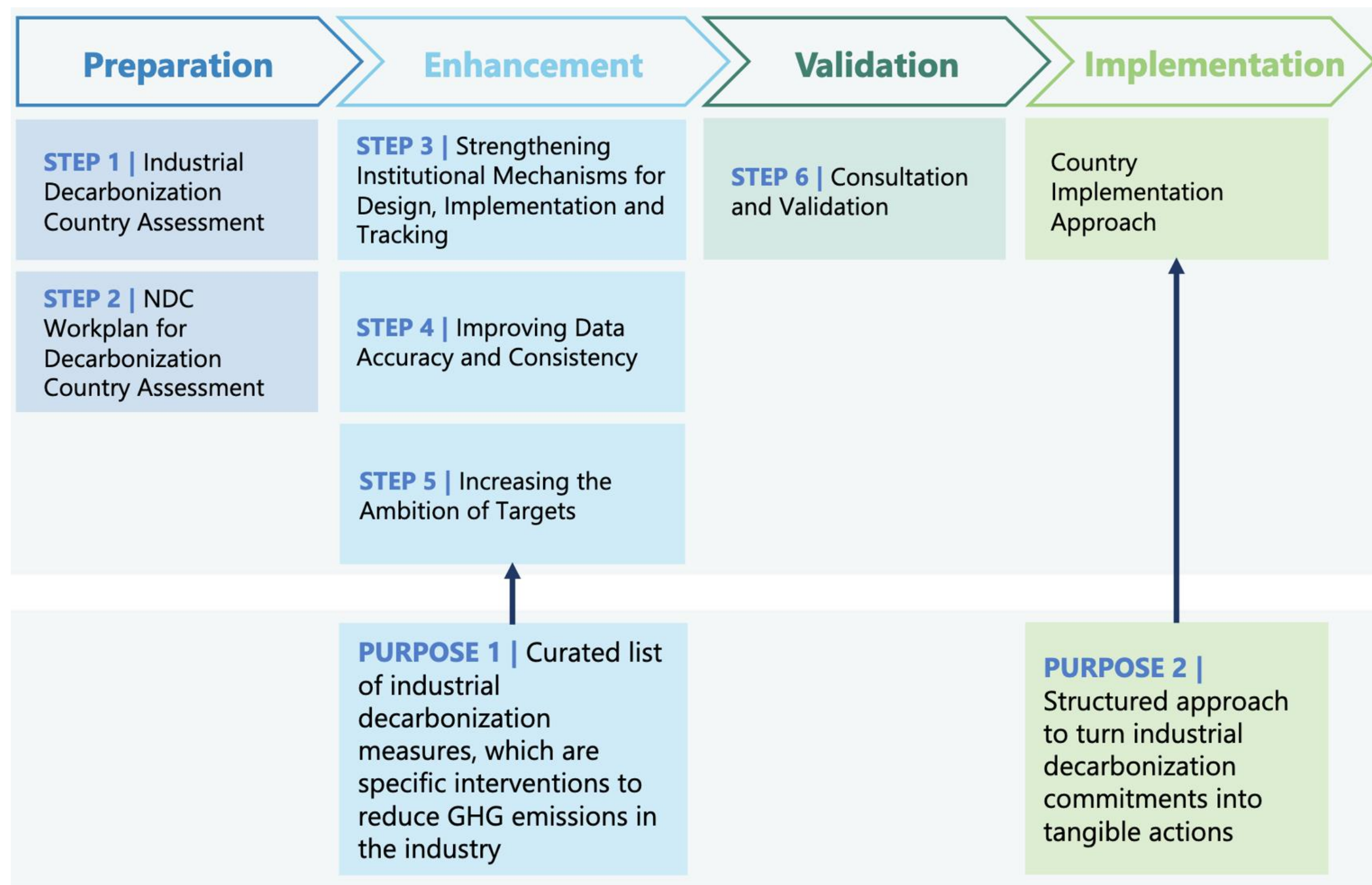


Volume 2

(To be launched in June 2025)



STEP-BY-STEP FRAMEWORK FOR UPDATING INDUSTRY SECTOR NDC

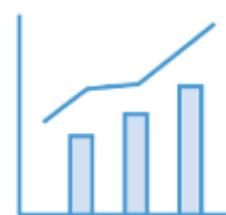




PROCESS

Strengthening Institutional Mechanisms for Design, Implementation and Tracking

Enhancing institutional mechanisms for the design, implementation and tracking of NDCs.



DATA

Improving Data Accuracy and Consistency

Enhancing data quality allows for more accurate assessments and supports informed decision-making.



TARGETS

Increasing the Ambition of Targets

Raising the ambition of NDC targets drives more impactful climate action within the industry sector.



INCREASING THE AMBITION OF TARGETS

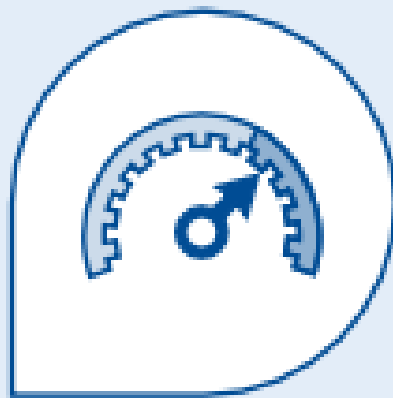
TARGET METRICS

Clear indicators for consistent progress tracking and reporting.



TARGET INTENSITY

The extent of emissions reductions compared to a baseline, reflect ambition level.



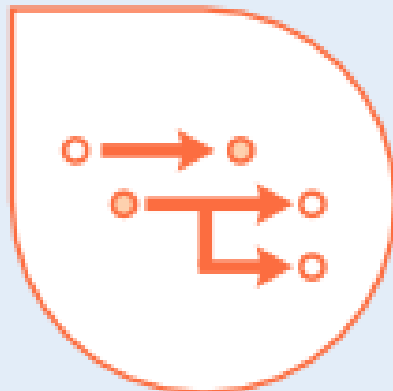
SCOPE AND COVERAGE

The sectors, gases, or specific activities covered by the target.



TIMELINE

Clear implementation timeframes and milestones.



The Paris Agreement underscores that Parties should strive to **set economy-wide, absolute emission reduction targets**. Furthermore, establishing a sectoral target can support and prioritize national mitigation efforts.

An **industrial sectoral target** is a target aggregating industrial activities within a unified, sector-wide goal, contributing to the country's mitigation objectives. To set this commitment, countries should aim for absolute emission reduction target.

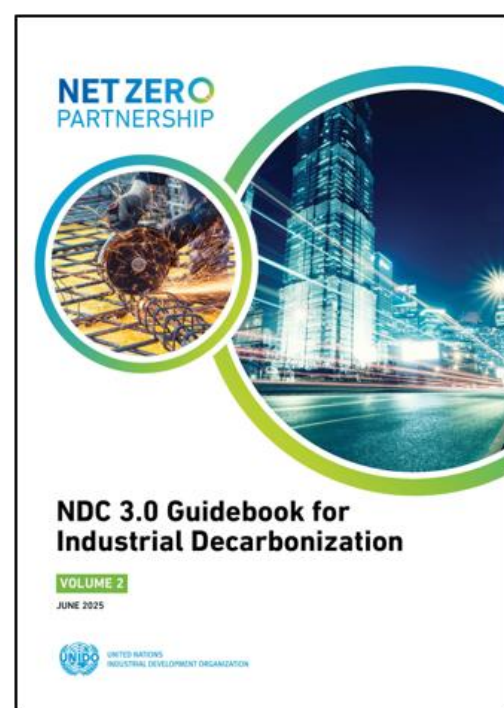
ABSOLUTE EMISSION REDUCTION:

Can be economy-wide or sector-specific and generally aim for a decrease or limit GHG emissions compared to a base-year level.

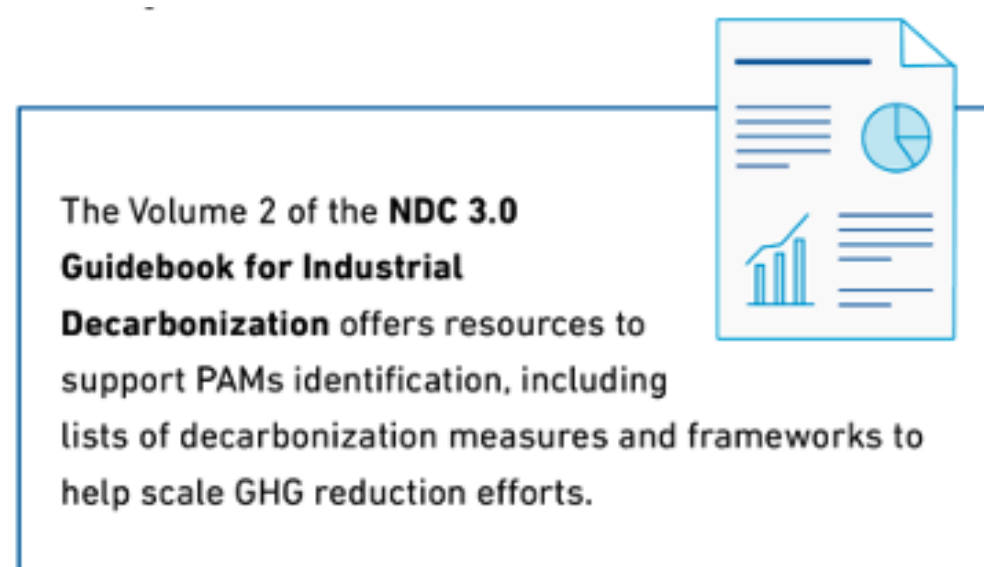
Example: a 10 per cent reduction in CO₂ emissions from the industrial sector by 2035, relative to 2020 levels.



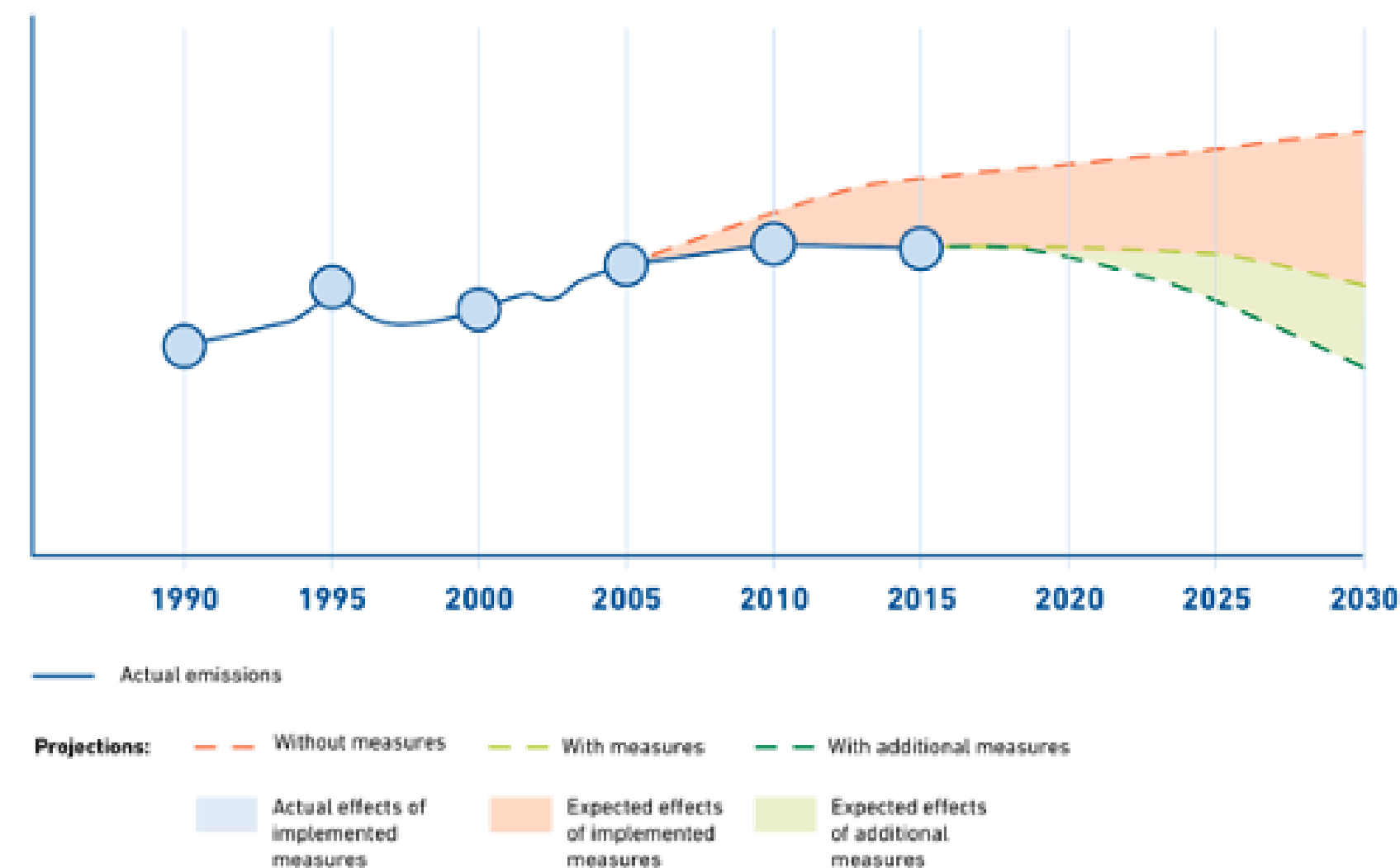
HOW PROJECTIONS AND PAMs SHAPE NDCs



*Guidebook Volume 2
To be launched in June 2025*



GHG emissions projections inform the identification and prioritization of policies and measures, and NDC targets, and supports progress tracking.



The identification, assessment, and prioritization of policies and measures (PAMs) help define NDC targets and translate them into tangible actions.



BEST PRACTICES WHEN SETTING INDUSTRIAL SECTOR TARGETS

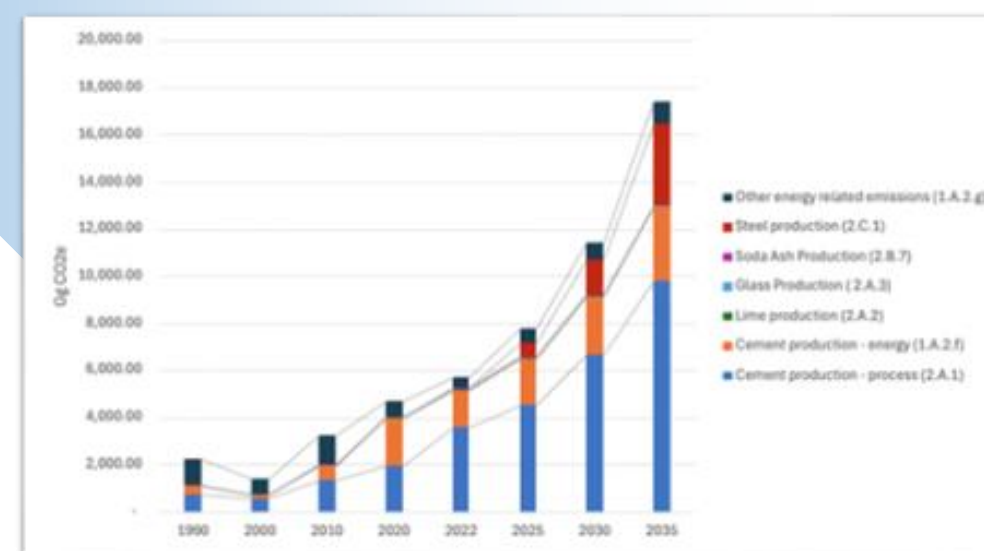
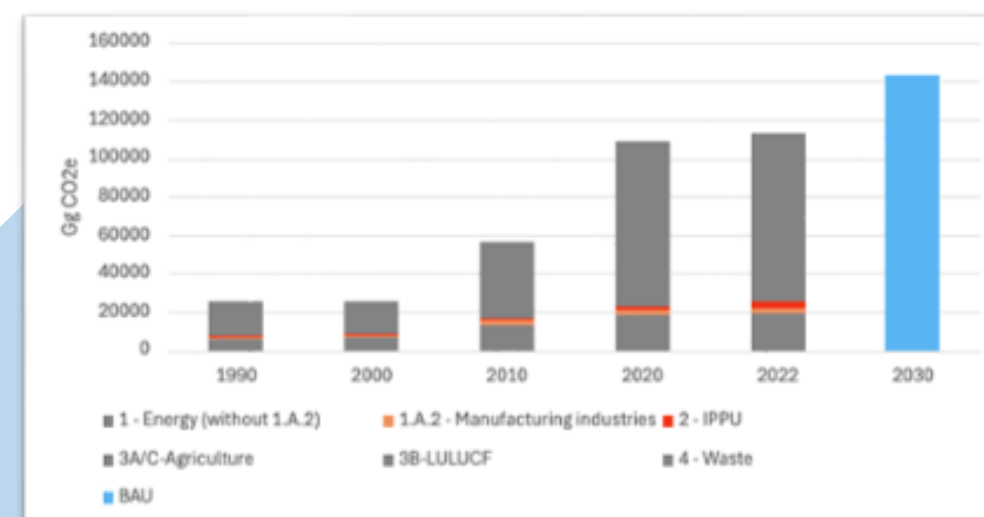
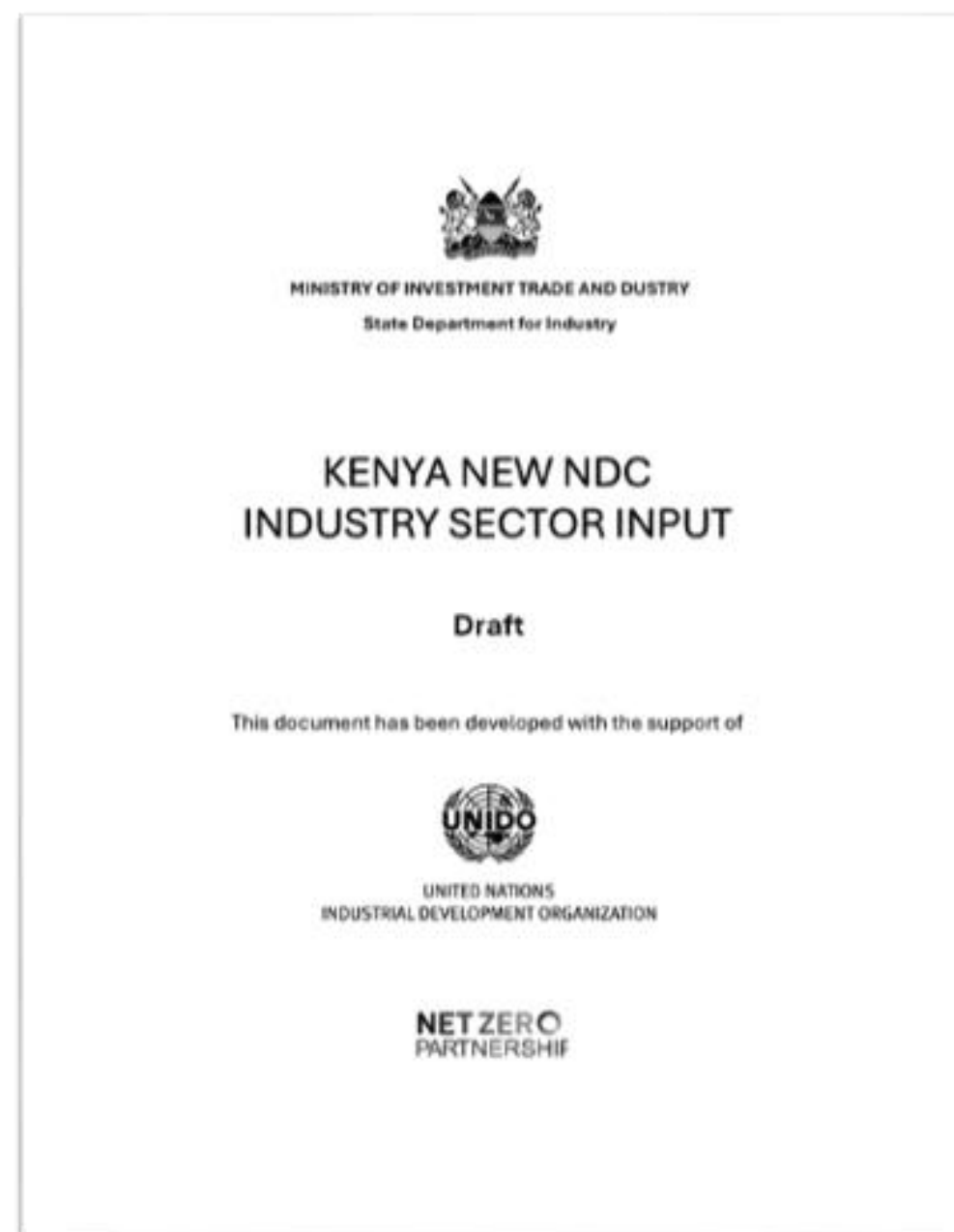
- 1. INDUSTRY ENGAGEMENT** Discuss current and planned policies, identifying key measures by subsector.
- 2. GHG IMPACT MODELING** Assess the emissions reduction potential of policies and measures against projected or absolute emissions.
- 3. TARGET SETTING DISCUSSIONS** Engage with industry to establish feasible sectoral targets.
- 4. DEFINING TARGETS** Determine the targets, ensuring clear methodology and emissions scope.
- 5. NDC IMPLEMENTATION PLAN** Outline specific policies and measures, responsible institutions, and implementation pathways.
- 6. TRACKING PROGRESS** Monitor implementation using indicators (e.g., percentage emissions reduction by specific years) within the Biennial Transparency Report.



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Progress by innovation

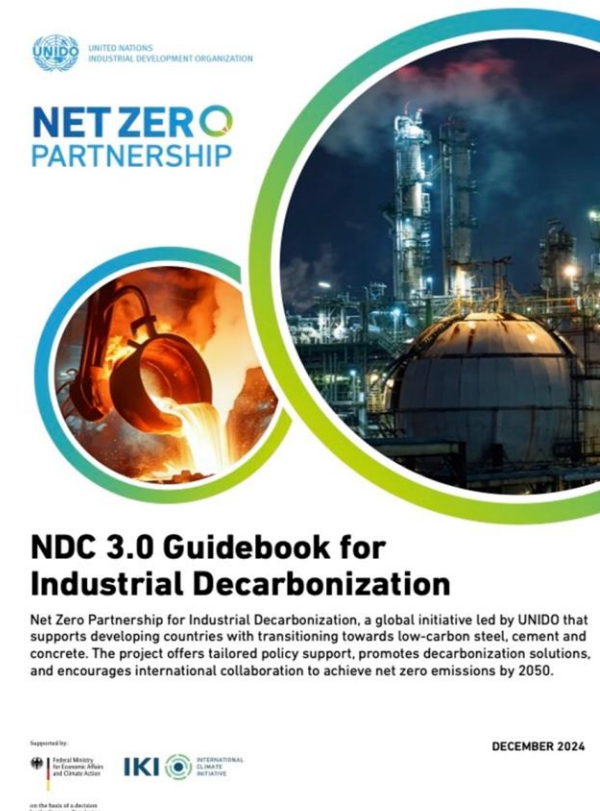
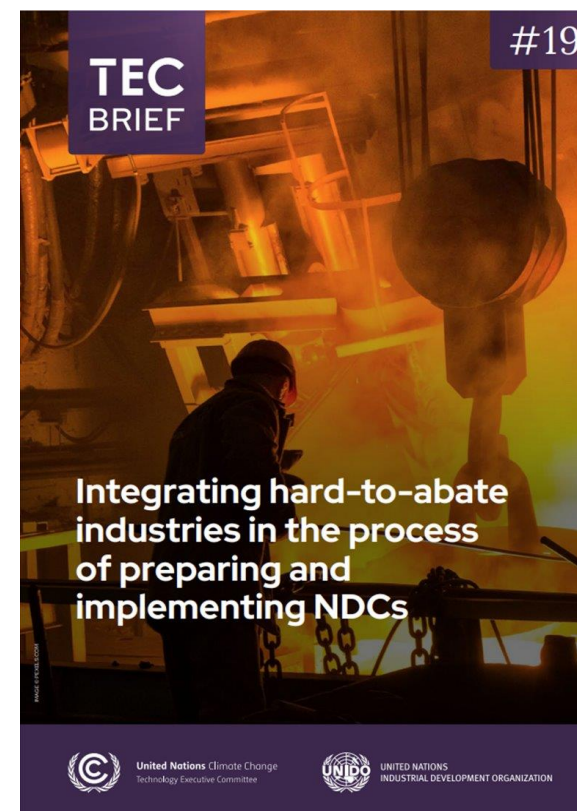
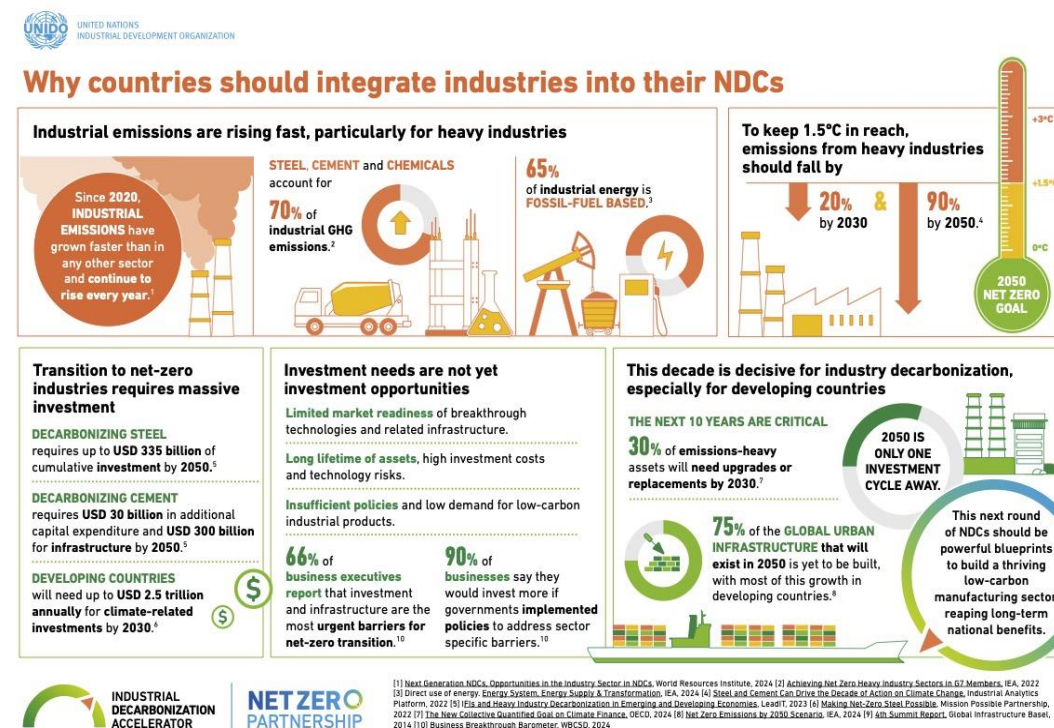
TECHNICAL ASSISTANCE: COUNTRIES BEING SUPPORTED







- **Tools & Guides:** NDC 3.0 Guidebook for industrial Decarbonization, Guide Bites, MITICA
- **Policy brief:** Integrating hard-to-abate industries in the process of preparing and implementing NDCs
- **Infographic:** Why countries should integrate industries into their NDCs?
- **Article:** How integrating industries can raise ambitions today and create strong foundations for tomorrow's thriving low-carbon economies



Thank you!

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