



Mainstreaming Industry Transitions in Indian Industry Growth Agenda

7 June, 2022

India's Commitments on Climate Action

2015: COP-21

1

An economy-wide emissions intensity target of 33%–35% below 2005 levels by 2030

2

An electric power capacity target of 40% installed capacity from non-fossil-based energy resources by 2030, to be achieved with international support

3

A carbon sink expansion target of creating an additional (cumulative) carbon sink of 2.5–3 GtCO₂e through additional forest and tree cover by 2030.

2021: COP-26

1

By 2030, India will reduce the carbon intensity of its economy by less than 45 percent.

2

India will take its non-fossil energy capacity to 500 GW by 2030.

3

India will meet 50 percent of its energy from renewable energy by 2030.

4

India will reduce the total projected carbon emissions by one billion tonnes from now till 2030.







5

By the year 2070, India will achieve the target of net-zero.







Outcomes of COP 26 and Key Developments

The background of the slide features a conceptual illustration. A large, semi-transparent globe is positioned on the right side, resting on a green, rolling hill. In the background, a city skyline with several skyscrapers is visible under a light blue sky with soft clouds. On the left side, there are stylized, splashing water effects. The overall aesthetic is clean and modern, with a focus on environmental and global themes.

Outcomes of COP26: Glasgow Climate Pact

THEME	COP26 Glasgow Climate Pact
 AMBITION TO 1.5°C	<ul style="list-style-type: none"> Many countries still haven't raised ambition sufficiently – Requests countries to update NDCs & strengthen 2030 goals in 2022
 GLOBAL STOCKTAKE & ACCOUNTABILITY	<ul style="list-style-type: none"> Start of GST, information collection will begin, non-Party stakeholder submissions welcome Many countries yet to submit adaptation communications
 ARTICLE 6	<ul style="list-style-type: none"> Agreement on a set of rules relating to the use of cooperation and market-based instruments
 FINANCE	<ul style="list-style-type: none"> 100B to developing countries to be met by 2023 & process agreed to get to long-term finance goal post-2025
	<ul style="list-style-type: none"> G20 goal to make financial flows aligned with low GHG emissions pathway + commitment to recovery and resilience plans for mitigation and adaptation
	<ul style="list-style-type: none"> Increasing/accelerating efforts to phase out <i>inefficient</i> fossil fuel subsidies G20 welcomes global reporting standard, but not closer to mandatory disclosure
 ADAPTATION AND RESILIENCE	<ul style="list-style-type: none"> 2-year work program to develop global goal on adaptation (GGA) G20 commit to scale up adaptation finance to achieve a balance with mitigation
 LOW-EMISSION ENERGY SYSTEMS	<ul style="list-style-type: none"> G20 to end to the provision of international public finance for new unabated coal power generation abroad by the end of 2021
	<ul style="list-style-type: none"> Accelerating efforts to phase-down of unabated coal power and <i>inefficient</i> fossil fuel subsidies, recognizing the need for support towards a just transition

Glasgow Climate Pact and Implications for India

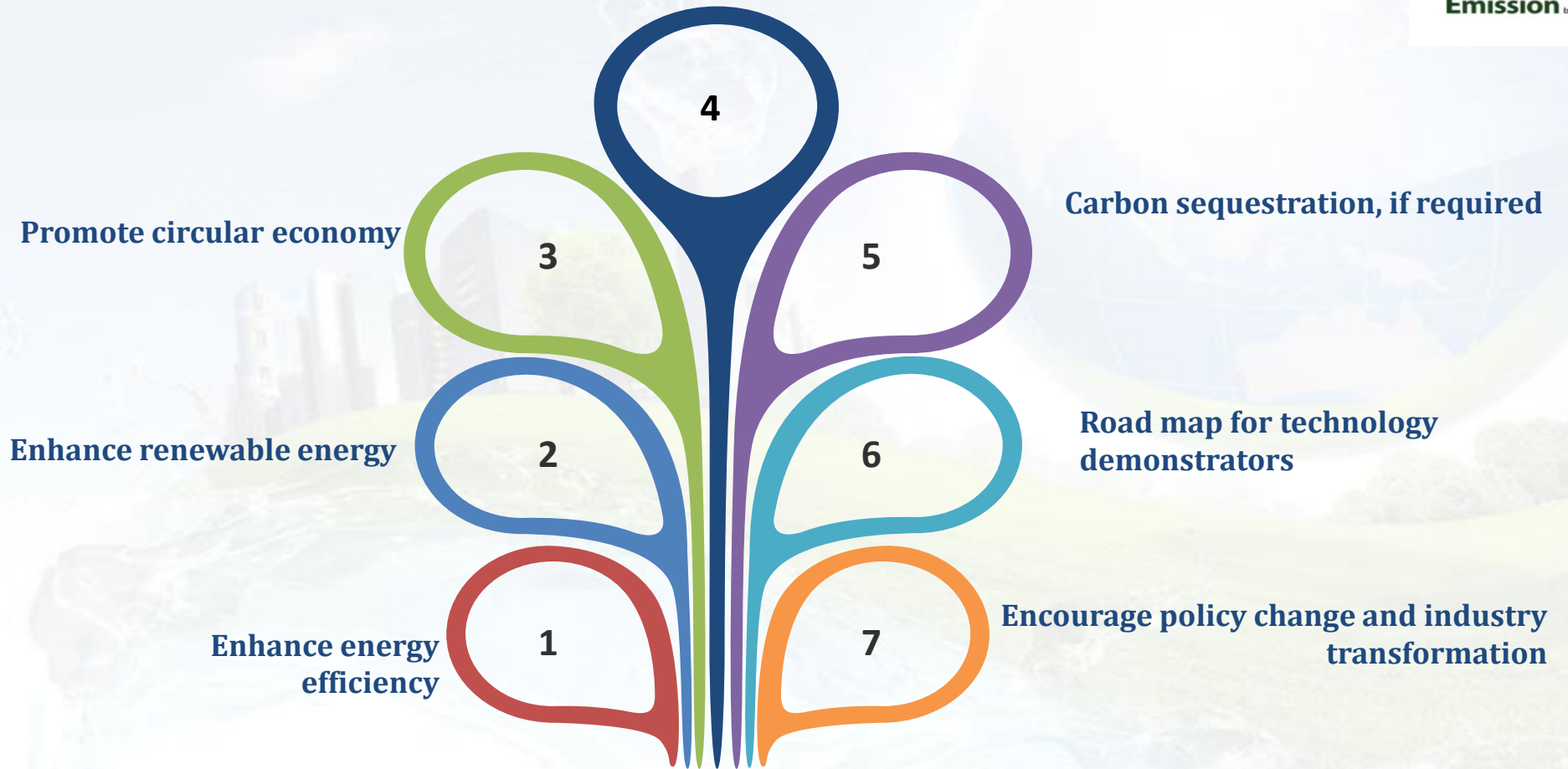
	THEME	INDIA
	AMBITION TO 1.5°C	<ul style="list-style-type: none"> ▪ Commitment to Net zero by 2070
	GLOBAL STOCKTAKE (GST) & ACCOUNTABILITY	<ul style="list-style-type: none"> ▪ Global Stocktake to be established in 2023. ▪ Mapping the contribution of Indian businesses as non-state actors in Global Stocktake
	ARTICLE 6	<ul style="list-style-type: none"> ▪ Investments in India by other countries and multinationals can begin - how can these rules be applied in India?
	FINANCE	<ul style="list-style-type: none"> ▪ Is India receiving financial support?
	ADAPTATION AND RESILIENCE	<ul style="list-style-type: none"> ▪ What are India's adaptation and resilience needs?
	LOW-EMISSION ENERGY SYSTEMS	<ul style="list-style-type: none"> ▪ Developing nations insisted on “phase down” instead of “phase out”



**Industry Charter for Near Zero Emissions
Ambition by 2050 instituted by TERI**



Low carbon solutions across supply chain



Our Approach: Case Studies Knowledge Bank Questionnaire

Systems and Processes for Implementation

- Significance of decarbonisation in your organization
- Identified areas of interventions and projected savings with context to energy, materials, monetary etc.
- Support and Partnerships (on external level) required to facilitate this transition
- Brief challenges encountered by the organization in its implementation of decarbonisation roadmap



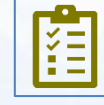
- Finance



- Adaptation and Resilience



- Low Emission Energy Systems



- Global Stocktake & Accountability

Strategic Drivers for Facilitation

- Net-zero GHG emissions commitments by the organization
- Key drivers identified if any regarding the above commitments
- Short, Medium and Long-term targets identified if any ?
- Scenario Analysis Tool/ Methodology used for target setting
- Climate risks acknowledgement in the organization's Business Risk Management Framework

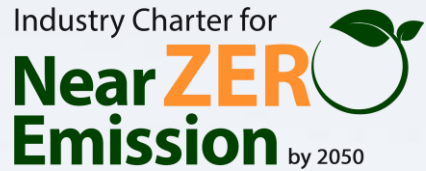



- Ambition to 1.5°C




- Article 6

Key Benefits of Compilation of Industry Best Practises



 Commitments of Signatories and objectives of Industry Charter for Near Zero Emission Ambition by 2050:


 Enhance energy efficiency and increase share of renewables

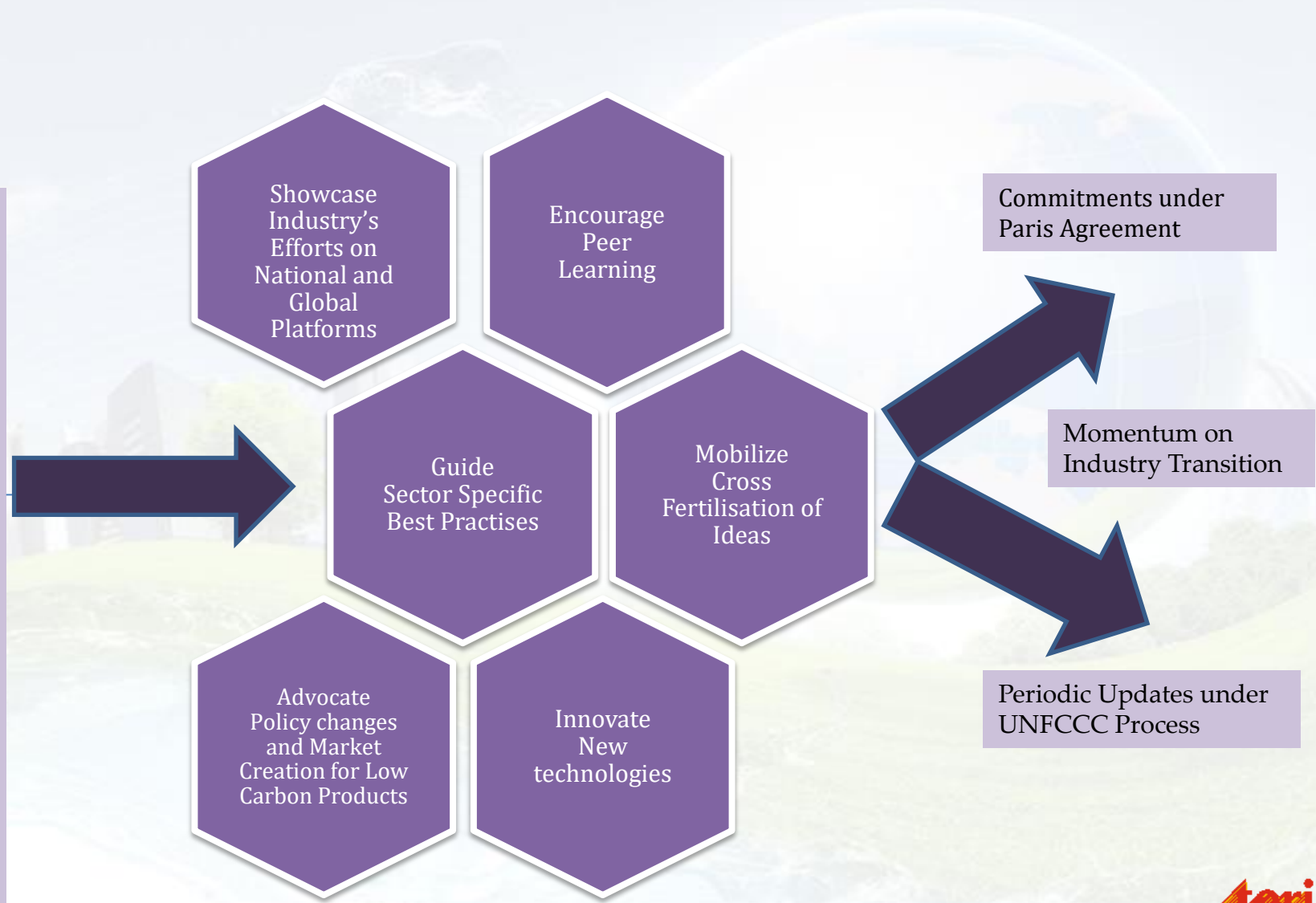
 Adopt sector coupling technologies

Co-piloting technology demonstrators for early implementation for industrial scale low carbon technologies

Maximise low carbon technology solutions across supply chains

 Adopt circular economy principles

 Co-create market and policy perspectives on decarbonisation



Key Global and Regional Moments in 2022



For any queries or clarifications,

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