

NDC Update and developing Long Term Low Emission Development Strategy

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Outline of Presentation

- Bangladesh INDC 2015
- NDC Update (interim), 2020
- NDC Update, 2021
- Developing Long Term Low Emission Development strategy

Bangladesh INDCs

- Bangladesh submitted the INDCs on 25 September 2015 to UNFCCC;
- Bangladesh considered 2011 as the Base Year;
- Bangladesh covered only **Power, Industry and Transport** sectors in our INDC.

Bangladesh INDCs

Bangladesh prepared and submitted its INDC in September, 2015

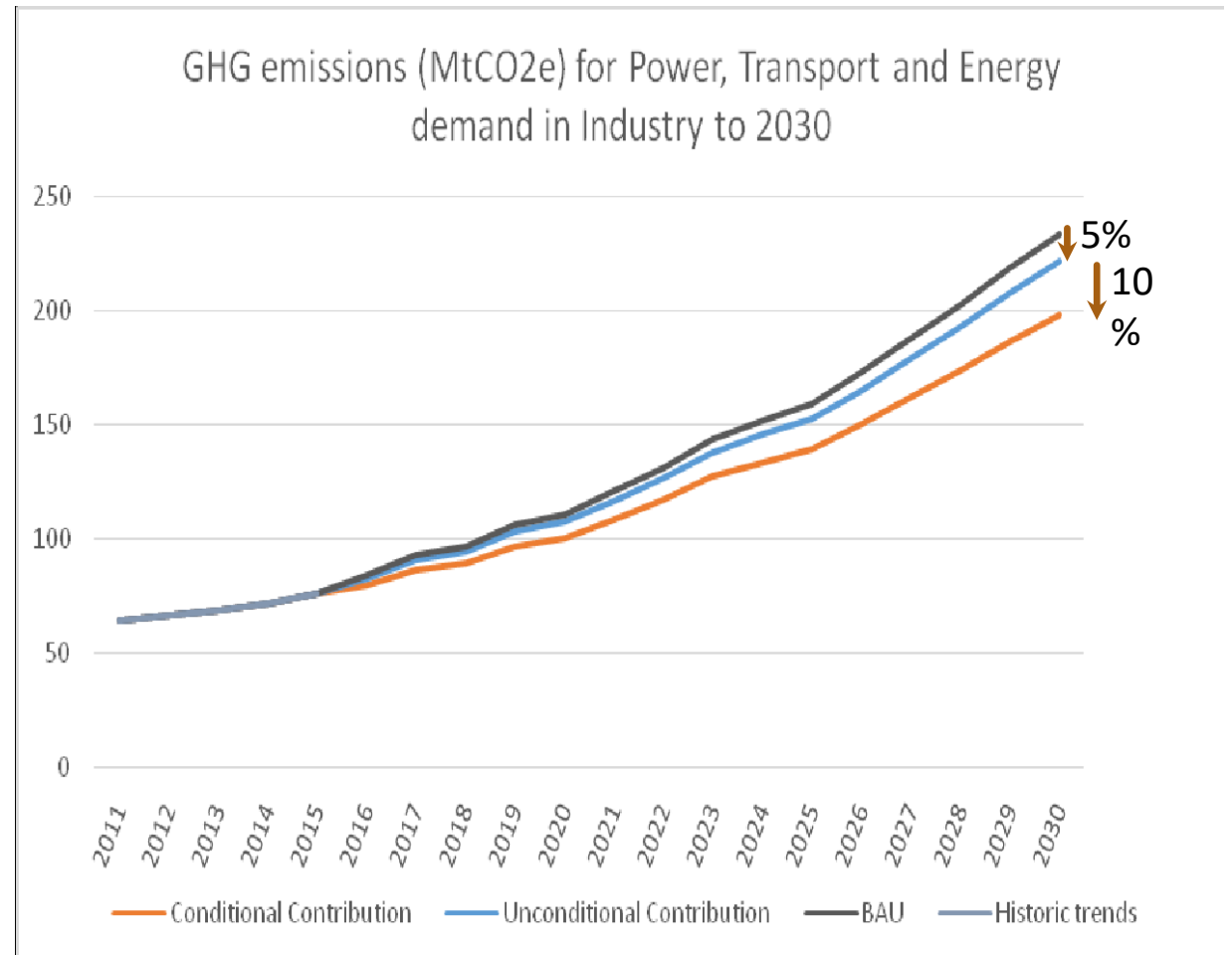
Unconditional Contribution
(assuming no additional international support)



Conditional Contribution
(assuming additional international support)

Bangladesh will reduce its GHG emissions in the power, transport, and industry sectors by 12 MtCO₂e or 5% for those sectors.

Bangladesh will reduce its GHG emissions in the power, transport, and industry sectors by additional 24 MtCO₂e or 10% for those sectors



Proposed Emission Reduction in INDC 2015 from Power, Transport and Industry (energy) sectors

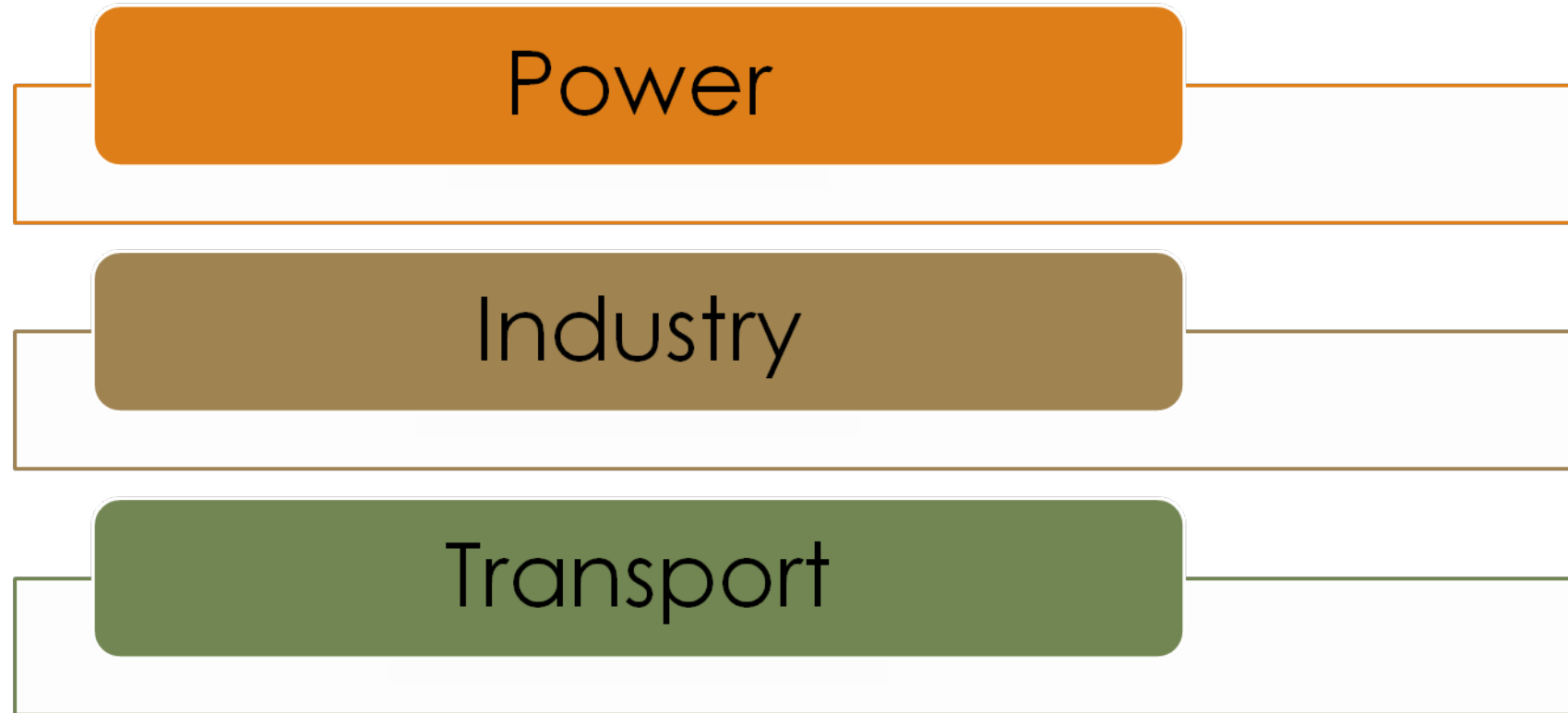
Sectors	Base Year 2011 (MtCO2e)	BAU Scenario (2030) (MtCO2e)	BAU Change from 2011 to 2030
Power	21	91	336%
Transport	17	37	118%
Industry (Energy)	26	106	300%

Summary Emission Reduction - BAU vs Unconditional & Conditional Contribution

Base Year 2011 (MtonCO2e)	BAU Scenario 2030 (MtonCO2e)	BAU Chnage (from 2011 to 2030)	Unconditional Contribution Scenario 2030 (MtonCO2e)	Change Vs BAU	Conditional Contribution Scenario 2030 (MtonCO2e)	Change Vs BAU
64	234	264%	222	-5%	198	-15%

NDC Implementation Roadmap

- Bangladesh has prepared NDC implementation roadmap
- The Roadmap also includes sectoral action plans for-



Updating the NDCs

- **Article 4, Para 2 of PA:** Each Party shall prepare, communicate and maintain successive NDCs
- **Para 3:** Each Party's successive NDC will represent a progression beyond the Party's then current NDC contribution and reflect its highest possible ambition
- **Para 9:** Each Party shall communicate a NDC every five years in accordance with decision 1/CP.21

COP 21 Decision:

- **Paragraph 24:** Also requests those Parties whose INDC contains a time frame up to 2030 to communicate or update by 2020 these contributions and every five years thereafter ...
- Long-Term Low Emission Development Strategy (LEDS)

NDC (Interim) 2020: from vision to action

□ Bangladesh submitted Updated NDC (Interim) on 31st December 2021 to UNFCCC;

□ **Interim NDC of Bangladesh contains the following sections;**

1. Introduction

2. Recent Landmark Initiatives

□ Climate Prosperity Plan up to 2030 (Draft)

□ National Solar Energy Roadmap, 2021-2041

□ National Action Plan for Clean Cooking, 2020-2030 (being prepared)

□ Forest and Carbon Inventories

NDC (Interim) 2020 contd..

- Bangladesh National Action Plan (NAP) for Reducing Short Lived Climate Pollutants (SLCPs)
- Energy Efficiency and Conservation Master Plan up to 2030 (will promote energy savings)
- CDM/Carbon Trading
- Renewable Energy Initiatives

NDC (Interim) 2020 contd..

3. Mitigation Action: Achievements

Power Sector

Transport Sector

Industry Sector (Leed Certification for Green Building, switching to LED lamps, energy efficiency in industries)

Planned Action (1700 MW from Large Scale Grid Connected Solar PV Projects and 250 MW from SHS by 2030)

NDC (Interim) 2020 contd..

4. Adaptation Action

- National Adaptation Plan (NAP)
- Bangladesh Climate Change Trust Fund (BCCTF)
- Delta Plan 2100

5. An Enhanced NDC 2020

- Bangladesh is expected to submit an Updated NDC by June 2021 (with quantified emission reduction targets)

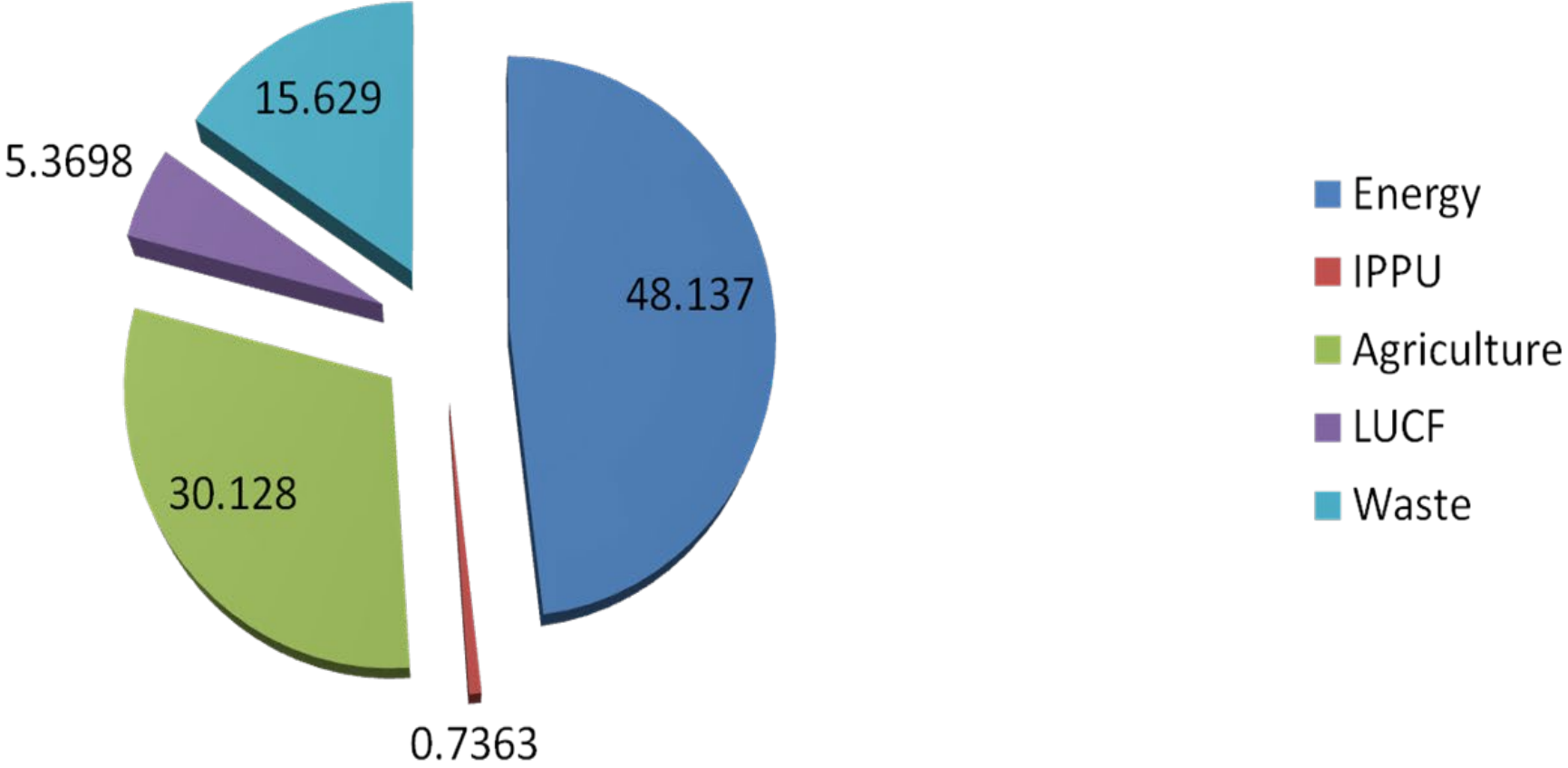
Status of Bangladesh NDC Update (2021)

- Review is on-going;
 - to assess the potential of further emission reduction from the existing three sectors - Power, Industry and Transport
 - Inclusion of additional two sectors - AFOLU and Waste
- It is expected that Bangladesh will be able to submit an ambitious quantified emission reduction targets in our updated NDC by the middle of 2021.

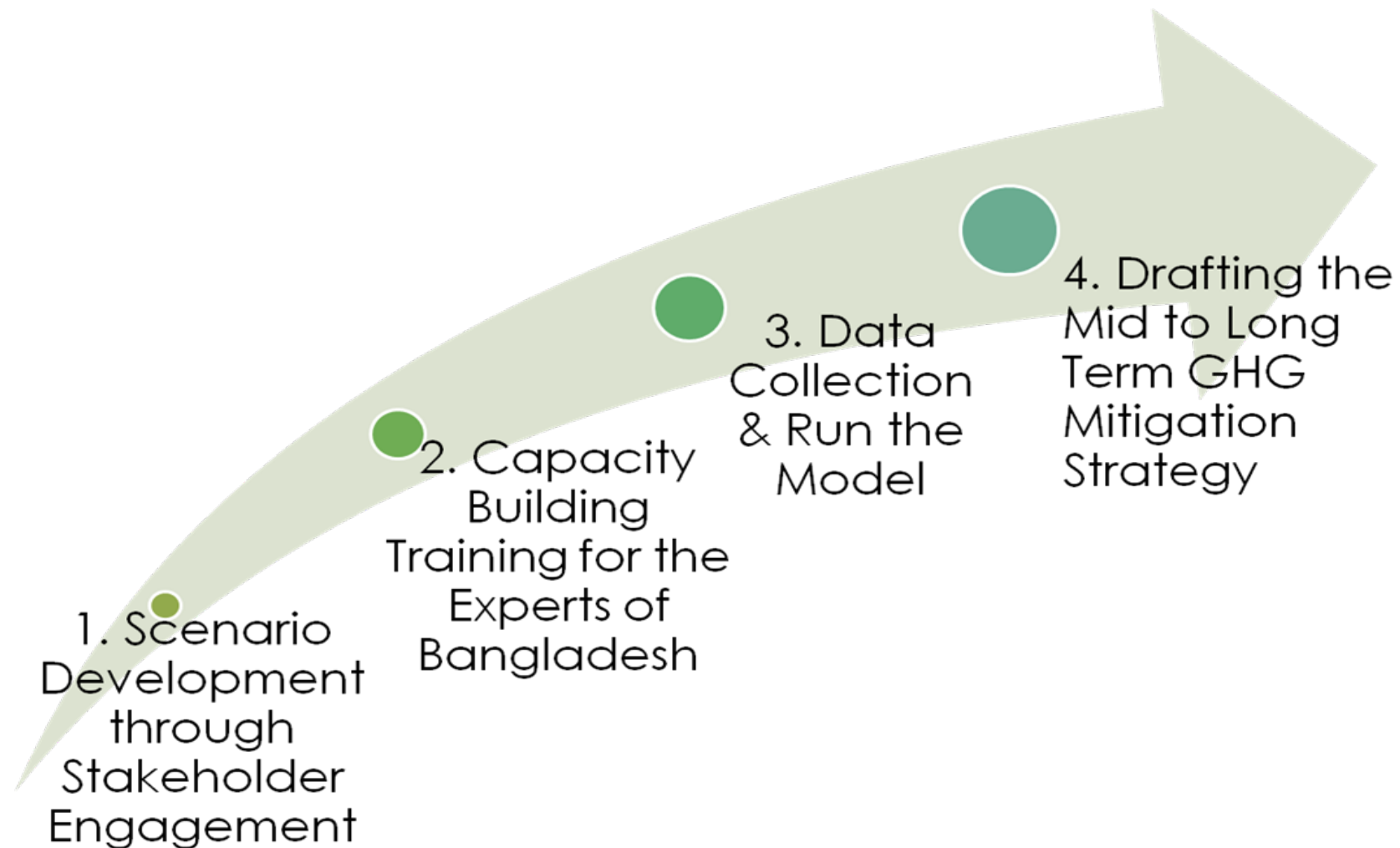
Name	Sectors
Bangladesh INDC 2015	Power, Industry and Transport
Bangladesh Updated NDC 2021	AFOLU, Energy, IPPU and Waste

GHG emission contribution by different sectors

Sectoral Contribution (in %)



Developing Long Term Low Emission Development Strategy



Institutional Arrangement for Article 6 initiatives in Bangladesh

□ Department of Environment, Ministry of Environment, Forest and Climate Change is working with World Bank to establish an institutional arrangement for Article 6 in Bangladesh.

Thank you

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