

Presentation on

NEPAL'S 2020 UPDATED NDC

Experiences and lessons learnt

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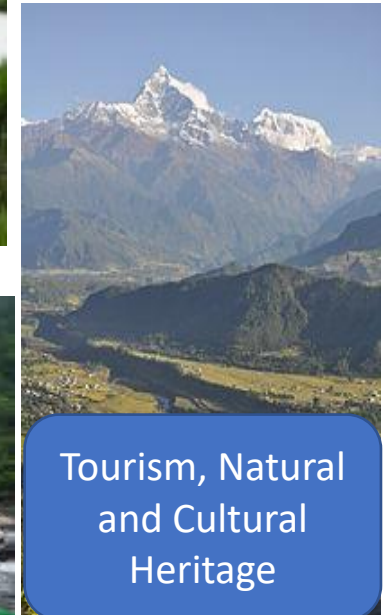
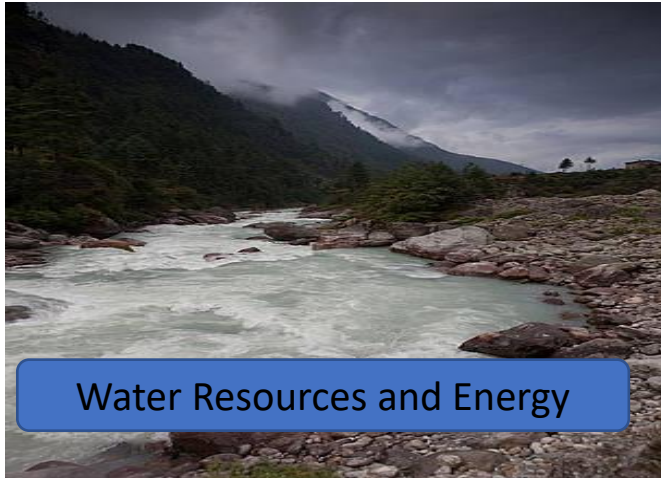
Presentation Outline

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Background

- **0.39%** of global population
- Nepal's contribution to global Greenhouse Gas (GHG) emission: **0.027%**
- Nepal is one of the most vulnerable countries to climate change (4th in ranking)
- About **1.8 degree centigrade increase** in between 1975 to 2006
- Annually temperature increasing by **0.06 degree centigrade** (NAPA, 2010)

Key Sectors Vulnerable to Climate Change





Aims to achieve net-zero greenhouse gas emissions by 2050

Nepal's 2020 NDC: Main Targets

2020-2030

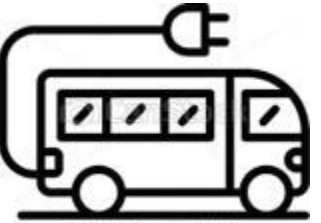


Expand clean energy generation to 15,000 MW, with 5-10% solar, wind, micro-hydro & bio-energy



Maintain 45% of total area of the country under forest cover

- By 2030, ensure 15% of the total energy demand is supplied from clean energy sources.



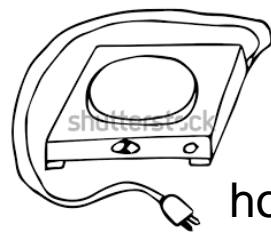
Increase sales of e-vehicles to cover 90% of all private passenger and 60% of all four-wheeler public passenger vehicle.

- This target will reduce emissions from a projected BAU of 3640 Gg CO2 eq. to 2619 Gg CO2 eq., which is around 28% decrease in emissions.

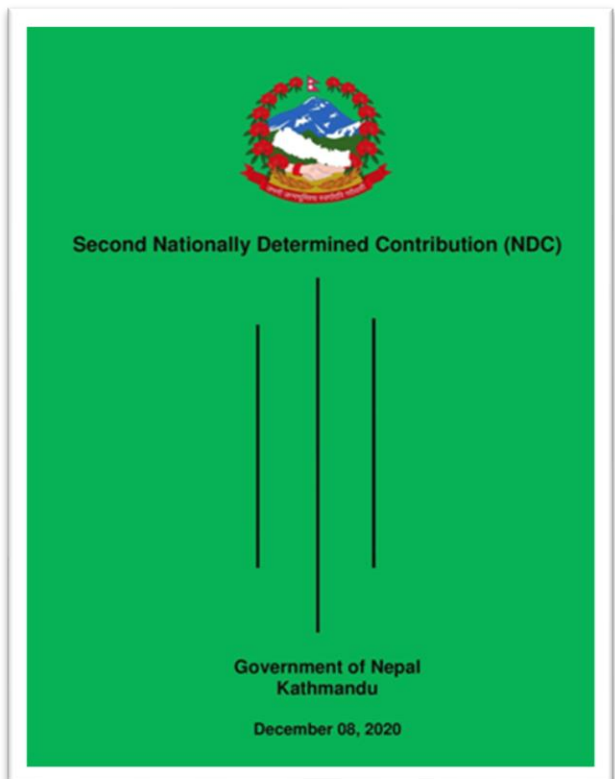
Resilience building and adaptation

Gender Equality and Social Inclusion

Adopt low emission technologies in brick & cement industries to reduce coal consumption & air pollution

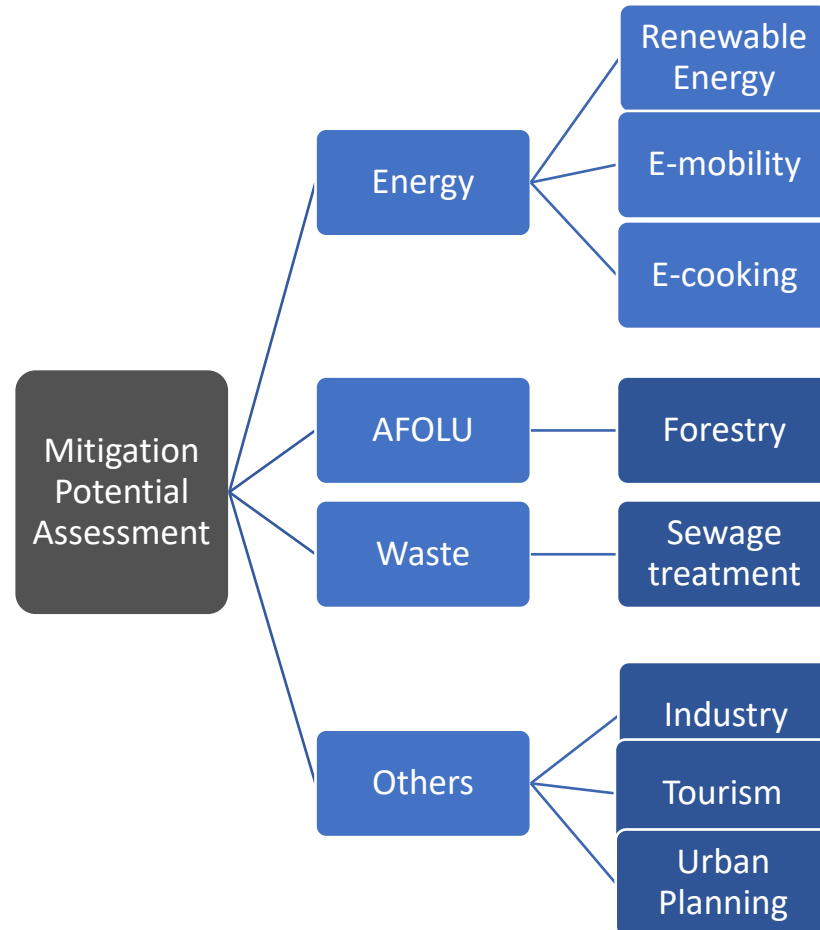


Ensure 25% of households use electric stoves as their primary mode of cooking.



Types of Mitigation Targets

The 2006 IPCC Guidelines were followed



- For the energy generation, cooking, mobility, waste and forestry sector, sectoral activity-based targets with emissions reduction were included along with supporting policy targets.
- For agriculture, industry, tourism and urban planning, policy targets were included.

Adaptation Priorities Communicated in the NDC

- Nepal communicates that it will expand on critical adaptation measures in its National Adaptation Plan by 2021
- Some key adaptation priorities that the NDC highlights includes:
 - Prepare and implement climate-resilient and gender-responsive adaptation plans for all local units
 - Establish appropriate institutional mechanisms and strategies to monitor impacts of climate change on health
 - Introduce public weather services and early warning systems.

Process: Enhancement of Nepal's NDC

Features of NDC Enhancement Process



Build ownership At National and Sub-national levels



Review, align and update existing targets, policies and measures



Incorporate new sectors and/or greenhouse gases



Assess costs and investment opportunities



Monitor progress & strengthen transparency

METHDOLOGY OF CHOOSING 2020 NDC TARGETS

Analysis of relevant documents

- 15th National Plan
- SDGs national framework and action plan
- Climate Change and Environmental Policies
- Sectoral Policies & Strategies
- Provincial Periodic Plans
- White papers
- Fiscal Budgets

Existing Targets

Modeling and analysis

Experts and stakeholder consultation

Updated NDC Targets

Process: Enhancement of Nepal's NDC

- The NDC was developed through consultative process, adopted inclusive and participatory approach, with a series of consultations at national and provincial levels.
- Nepal's NDC formulation was a country-driven process following the principle of 'Leave No One Behind (LNOB)'- Local Peoples, women, Indigenous Peoples and youth.
- A team of experts reviewed overarching and sectoral policies, strategies and programs; and coordinated the process of gathering data and performing analysis.

Experience and lessons learned

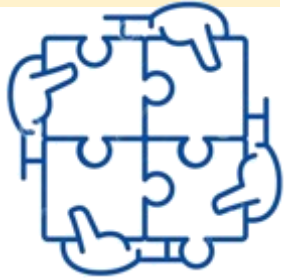


Broader consultation and inputs from central & provincial stakeholders, including women, youth, and Indigenous communities fed the NDC enhancement process.

Around 30 plus virtual & in-person consultations at central and provincial level helped build vertical alignment.

Synergy with existing policies and SDG targets helped build horizontal alignment

Review of sectorial policies, including the National SDG Framework served as key input to identify priorities and policy relevancy, so as to inform the targets for 2020 NDC.

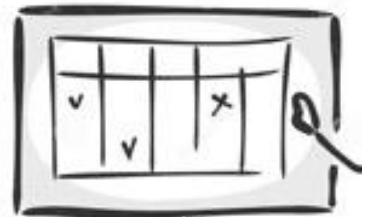


Modelling exercise, data analysis and assessment to set target helped informed setting target for 2020 NDC.

Modelling and analysis for evidence-informed policy process

Stakeholder buy-in and policy relevance helped build both vertical & horizontal alignment

Considerations while selecting NDC targets included: synergy with existing policy, maximized co-benefits, cost-effectiveness and gender and social inclusion.



NDC Implementation and Nepal's Long-term Strategy

- NDC Implementation Plan/Framework being prepared.
- Long-term strategy with focus on reaching net zero emissions by 2050 being prepared.
- Monitoring, Reporting and Verification (MRV) framework being prepared.
- Knowledge retention mechanism at Universities being prepared.
- E-cooking and E-mobility sector assessment reports being prepared
- Mitigation assessment report being prepared covering all quantified targets including NDC costing and economic analysis.

We are align with Paris Agreement and our NDC is ambitious, however our priority is adaptation with mitigation co-benefit.

