



National Adaptation Plan: Bhutan

Experience and Lessons Learnt in Preparation of the NAP Proposal

6th NAP Expo – Songdo, Korea; April 8, 2019

Jigchen Lhazom Norbu

Assistant Environment Officer

Water Resources Coordination Division

National Environment Commission



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Outline

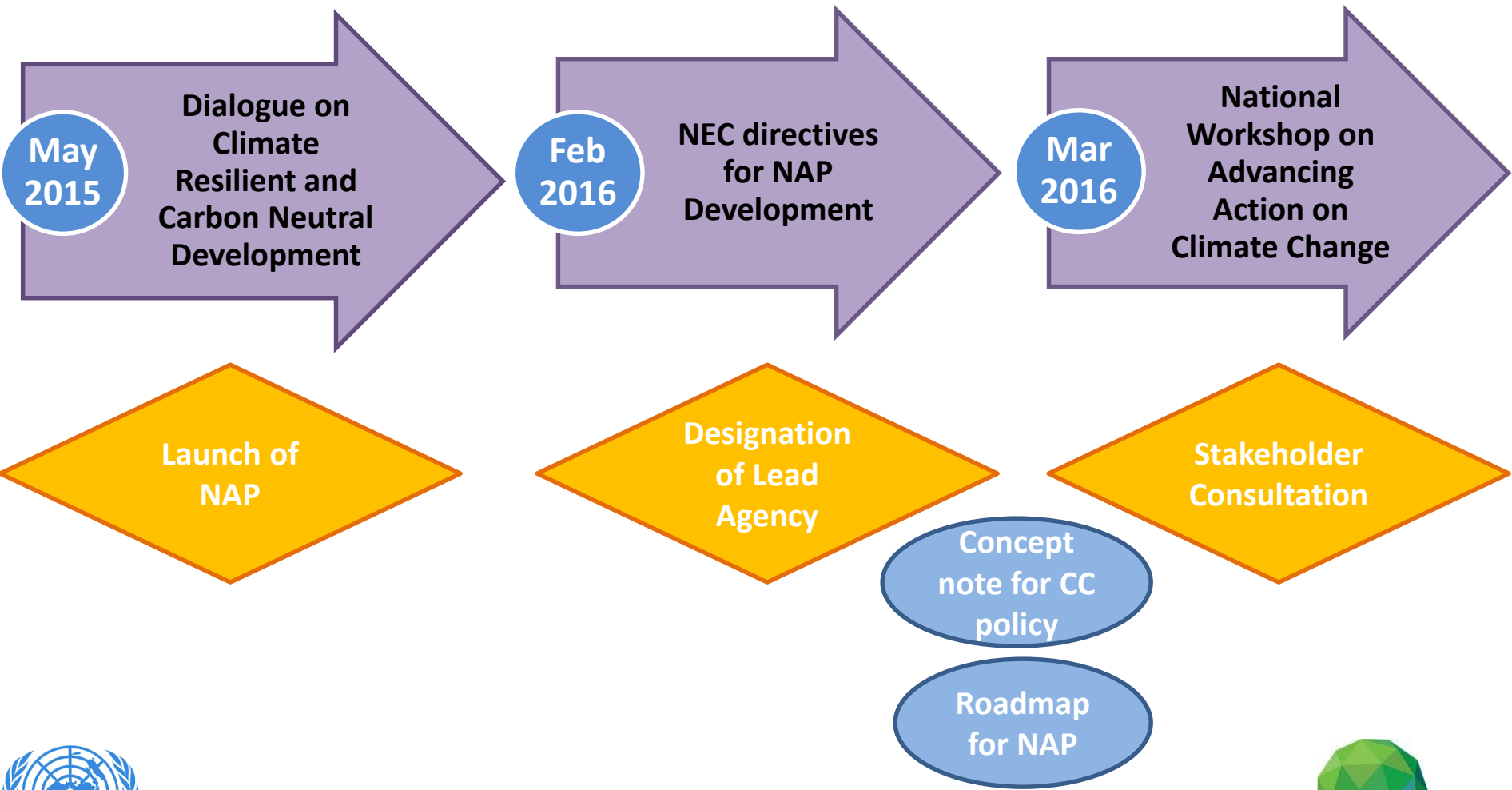


- ❖ Chronology and Components of NAP proposal preparation in Bhutan
- ❖ Bhutan's NAP proposal
- ❖ Challenges in NAP proposal preparation
- ❖ Recommendations in NAP proposal preparation
- ❖ Way Forward to NAP





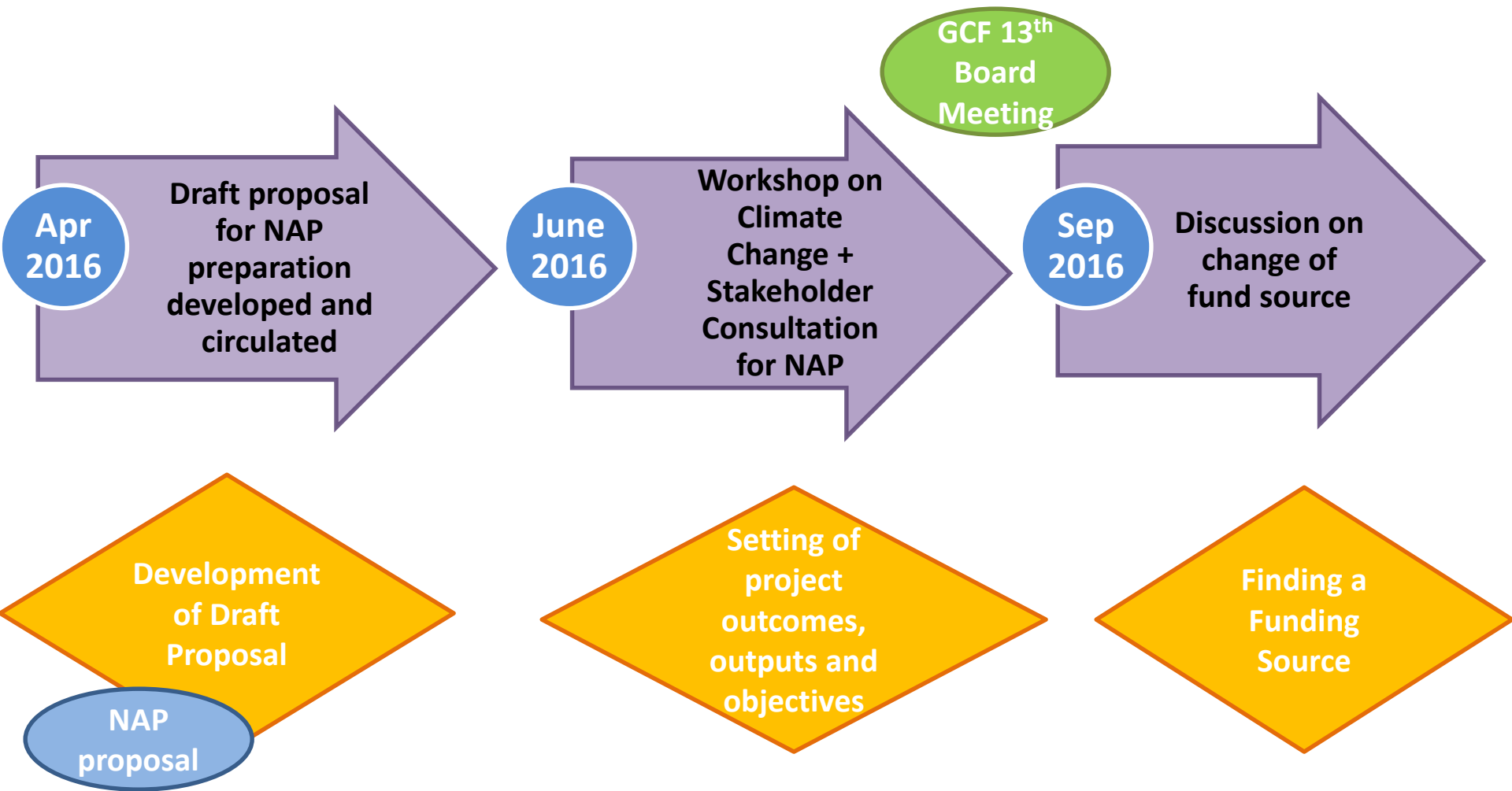
Chronology and components of NAP proposal preparation



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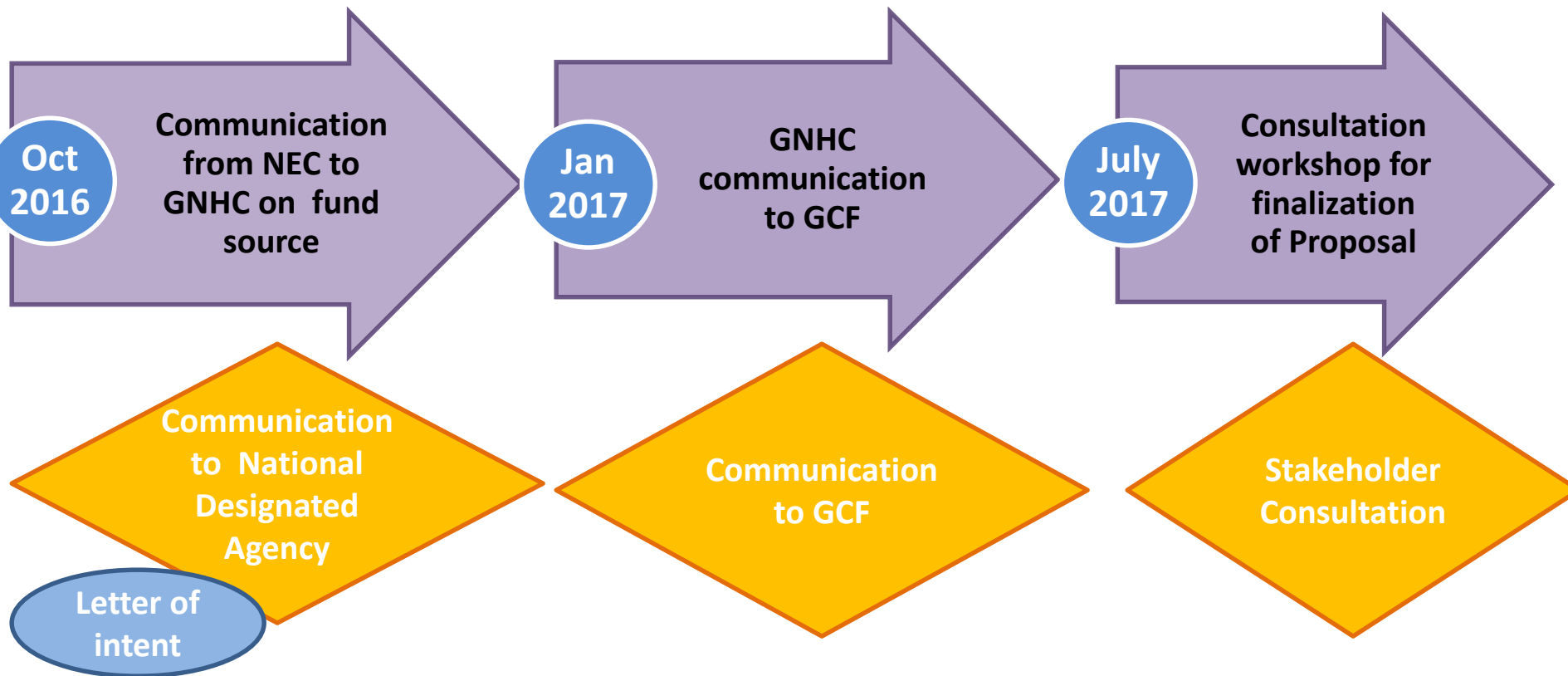


Chronology and components of NAP proposal preparation



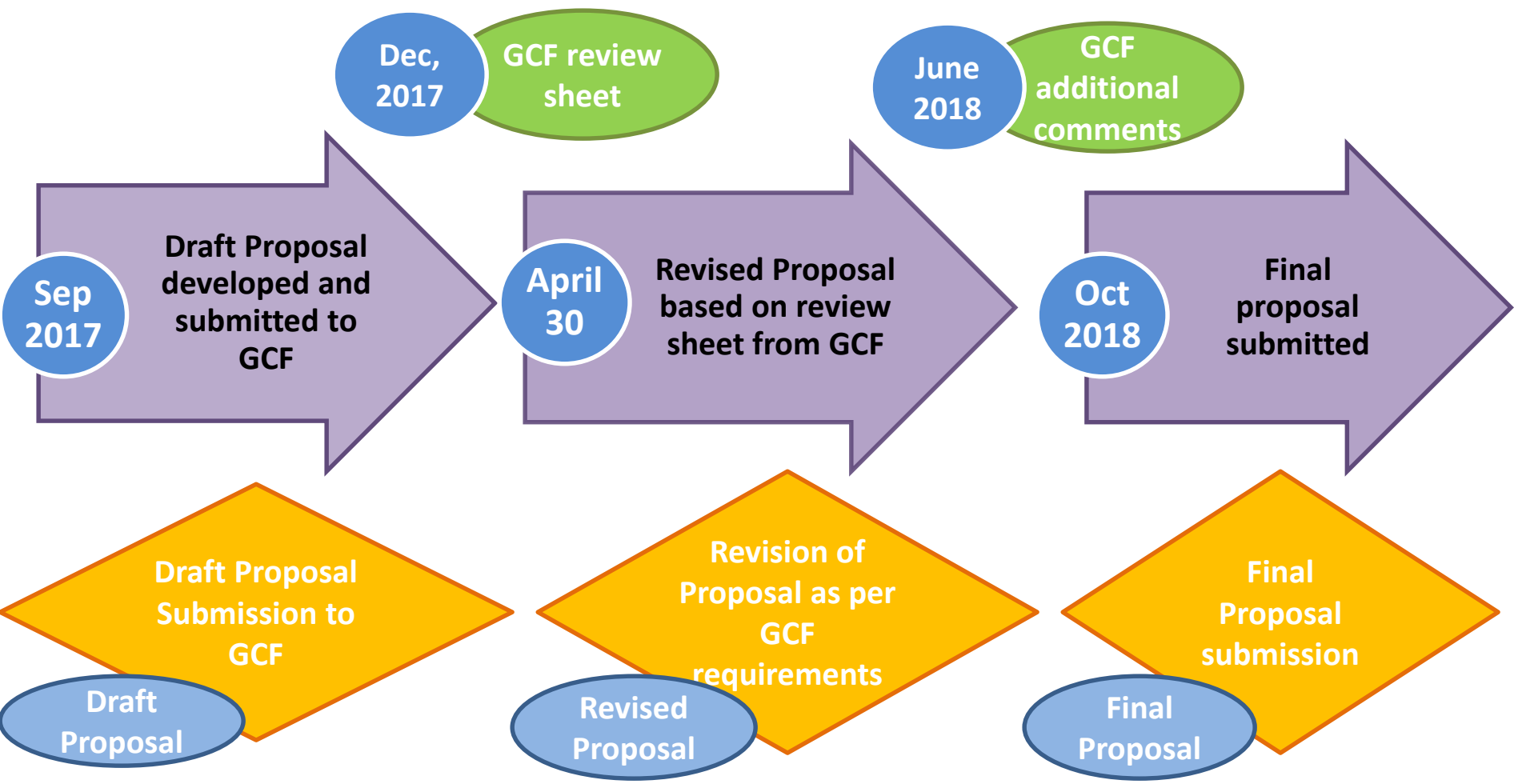


Chronology and components of NAP proposal preparation





Chronology and components of NAP proposal preparation



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NAP Readiness and Preparatory Support Proposal



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Bhutan's NAP Proposal



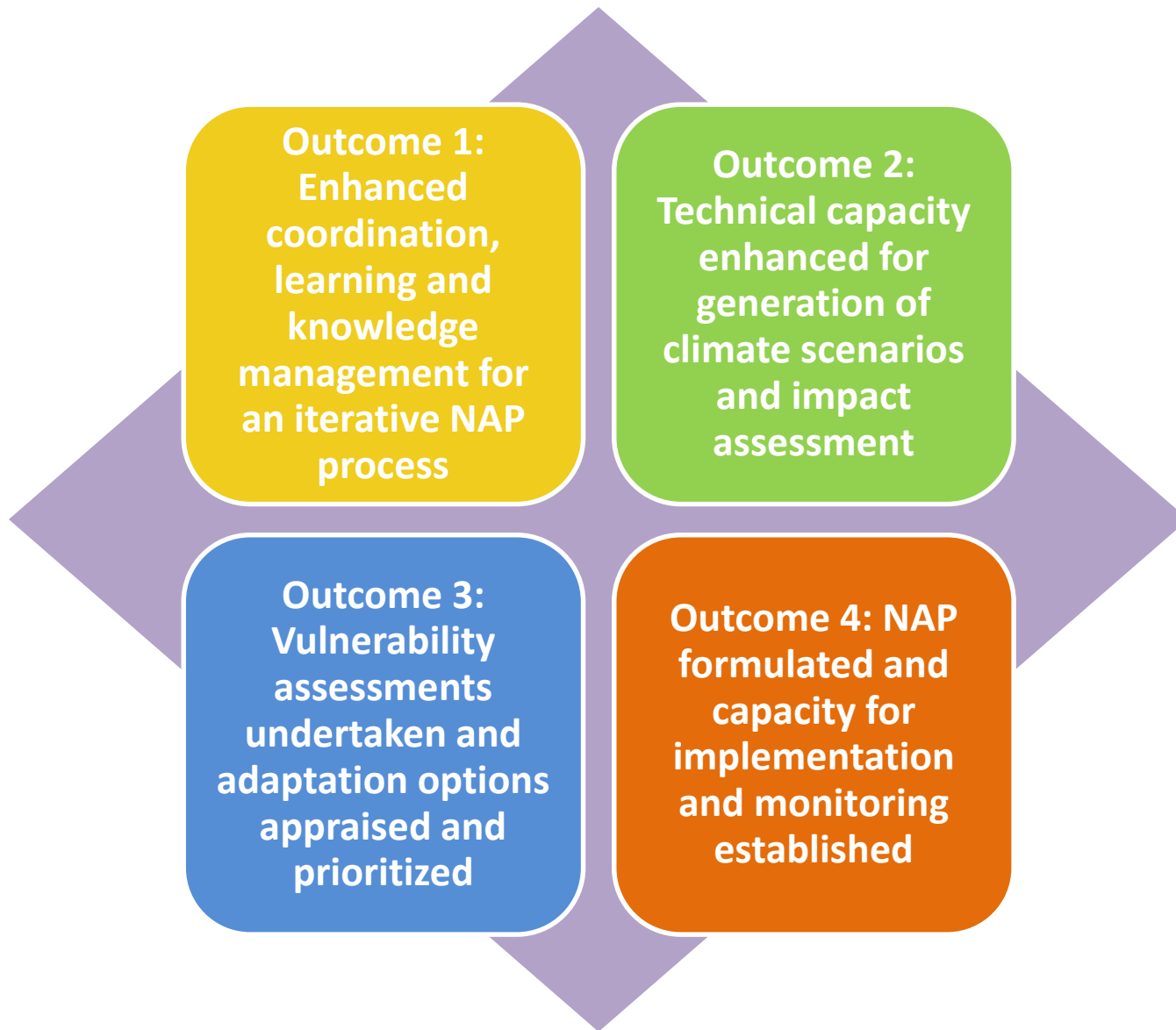
- **“Preparation of a National Adaptation Plan for Bhutan, with a focus on the Water Sector”**
- **Budget: 2,999,859 USD**
- **Duration: 48 months (4 years)**
- **National Designated Agency : Gross National Happiness Commission**
- **Lead Agency: National Environment Commission Secretariat**
- **Delivery partner: United Nations Development Programme**



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Bhutan's NAP proposal





Challenges in NAP Proposal Preparation

Challenges

- Unavailability of guidelines in the beginning
- Formulation of new guidelines after submission of proposal
- Lengthy submission and approval process
- Development of detailed activity breakdown and cost estimates for four years
- Lack of human resources and technical capacity



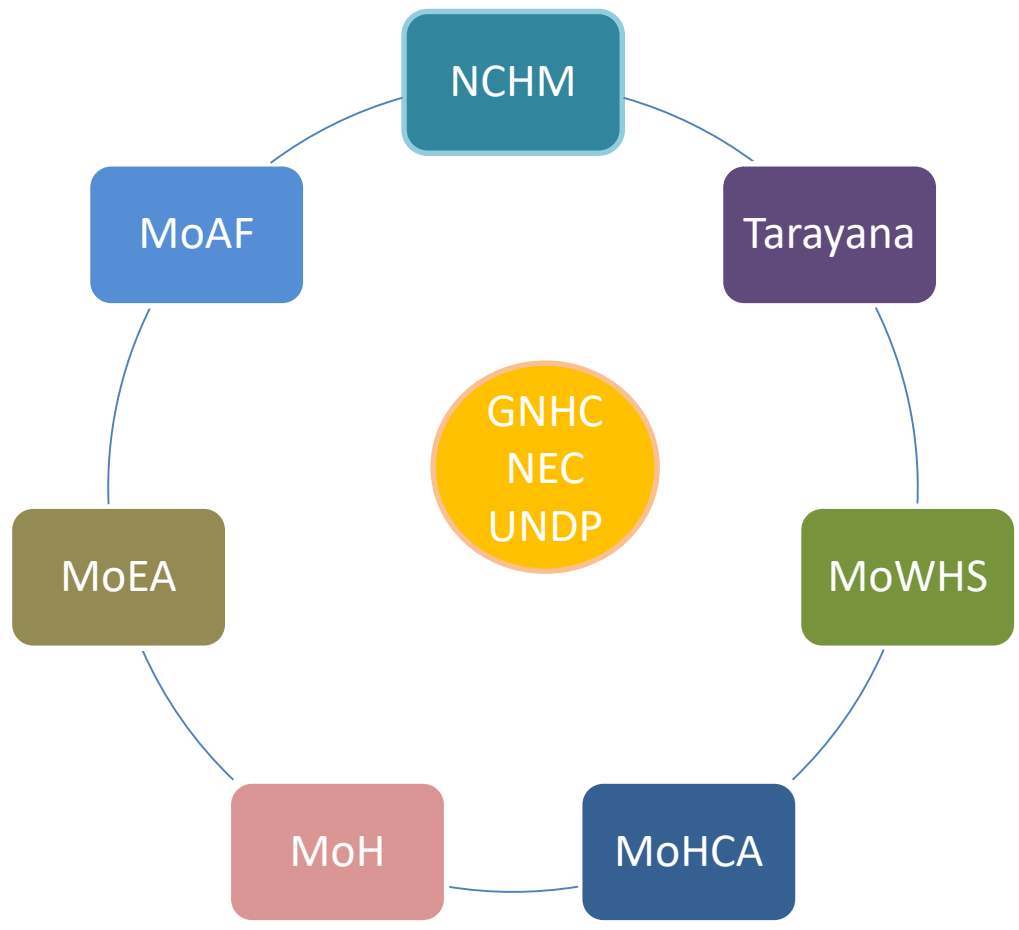


Recommendations in Proposal Preparation

Stakeholder Consultations for a Coordinated Approach

High level and working group level consultations

Committee/Group	Members
National Climate Change Committee	Ministerial level
Climate Change Coordination Committee	Senior Executive Level
Mainstreaming Reference Group	Working Level



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Recommendations in Proposal Preparation

Alignment of NAP proposals with National Legislations and Plans

Bhutan Vision 2020	The Second National Communication to the UNFCCC	GCF Readiness and preparatory support project
The National Forest Policy	National Adaptation Programme of Action (I and II)	GEF-UNDP project
National Environment Strategy	Eleventh Five Year Plan	National Integrated Water Resources Management Plan
National Environment Protection Act	Twelfth Five Year Plan	National Irrigation Master Plan
Water Act of Bhutan	Intended Nationally Determined Contribution	Strategic Program for Climate Resilience
Water Regulation of Bhutan	Climate Change Policy of Bhutan (Draft)	Intelligent Transport System and Capacity Building for reducing GHGs from transport sector

Recommendations in Proposal Preparation

Theory of Change to set goals and outcomes, and identify issues

Goal: Preparation of the NAP with a Focus on the Water Sector

Outcome 1:
Enhanced coordination, learning and knowledge management for an iterative NAP process

Outcomes

Outcome 2:
Technical capacity enhanced for generation of climate scenarios and impact assessment

- 1.1 Protocol and institutional coordination pathways established
- 1.2 Learning and understanding for climate risk informed planning of decision makers improved
- 1.3 Knowledge management systems to strengthen climate responsive planning

Sub Outcomes

- 2.1 Assessment of gaps and needs in the data and information requirement for adaptation planning done and scenarios prepared
- 2.2 Capacity across research institutions, scientific community and universities enhanced

Coordination issues in data management , lack of broader participation and lack of inventory of initiatives

Barriers

Lack of data and information, low understanding and general awareness of climate change adaptation issues.

Goal: Preparation of the NAP with a Focus on the Water Sector

**Outcome 3:
Vulnerability
assessments
undertaken and
adaptation options
appraised and
prioritized**

3.1 Climate vulnerabilities assessed and adaptation options identified across all sectors
3.2 Climate vulnerabilities assessed and adaptation options identified for water sector.
3.3 Screening tools to facilitate the integration of climate change adaptation into development planning applied

Lack of systematic identification and appraisal of adaptation options

Outcomes

Sub Outcomes

Barriers

**Outcome 4: NAP
formulated and
capacity for
implementation
and monitoring
established**

4.1 National Adaptation Plan formulated and communicated
4.2 Strategy for NAP implementation developed
4.3 Outreach on the NAP process and report on progress and effectiveness developed
4.4 System to report, monitor and review the NAP process established

Lack of comprehensive result based monitoring and evaluation mechanism and baseline

.....2015-2016.....2018.....2020.....2023.....2025.....2028...2030.....2033..... 2035

