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Government of Nepal

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Climate Change Management Division

Ministry of Forests and Environment



Climate Change Adaptation in Nepal

Climate change has greatly affected people, livelihoods and resources

Adaptation is our national priority

Survival strategy for poor and vulnerable communities



Nepal formulated and started implementation of NAPA to address most urgent, immediate and priority adaptation needs in 2010



Adaption action are under implementation through LAPA - an opertational instrument to localize adaptation options and integrate adaptation into planning processes at national and sub-national levels

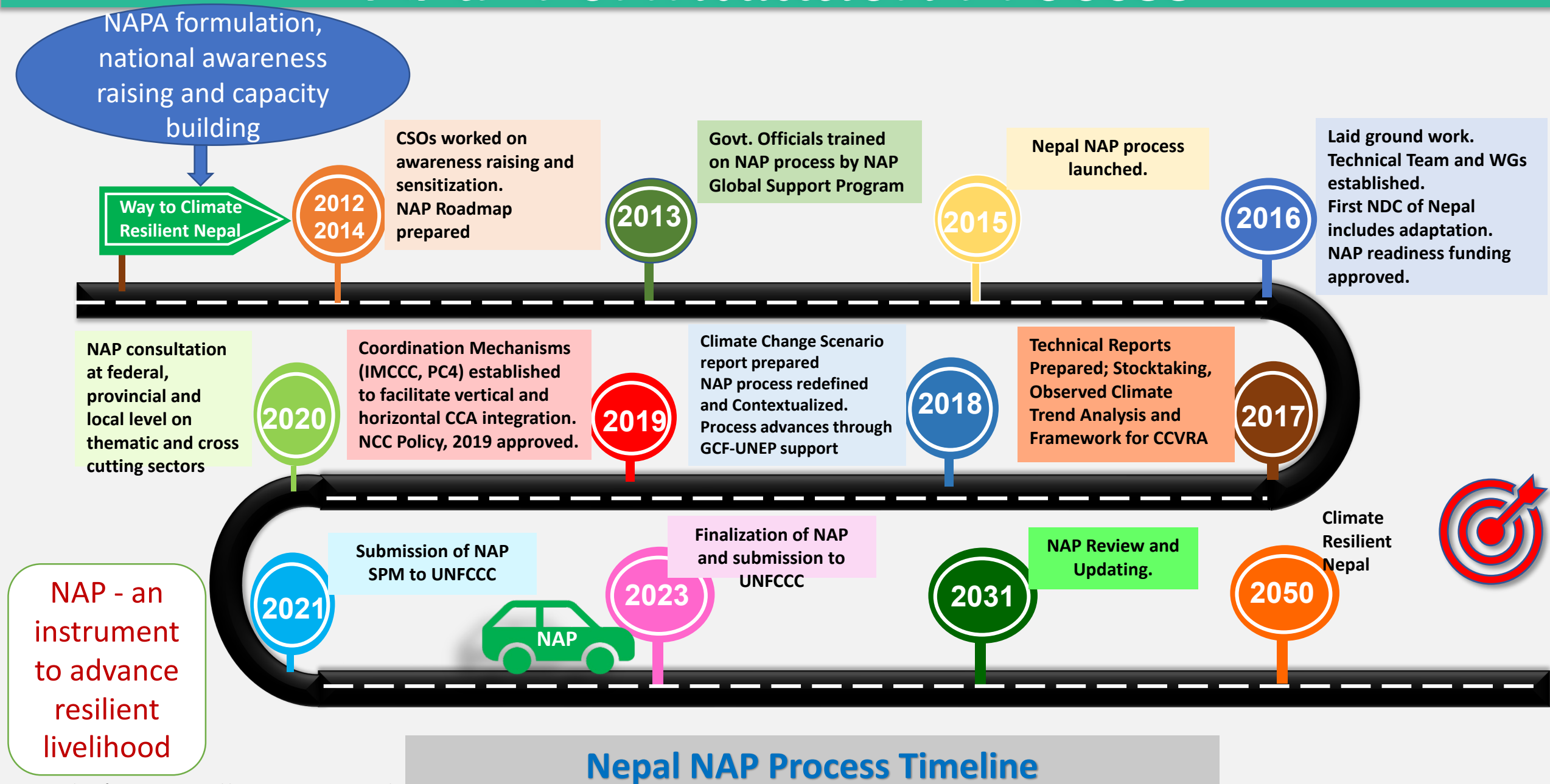
Experience and learning from implementation of adaptation options through LAPA provided basis to address medium- and long-term adaptation needs

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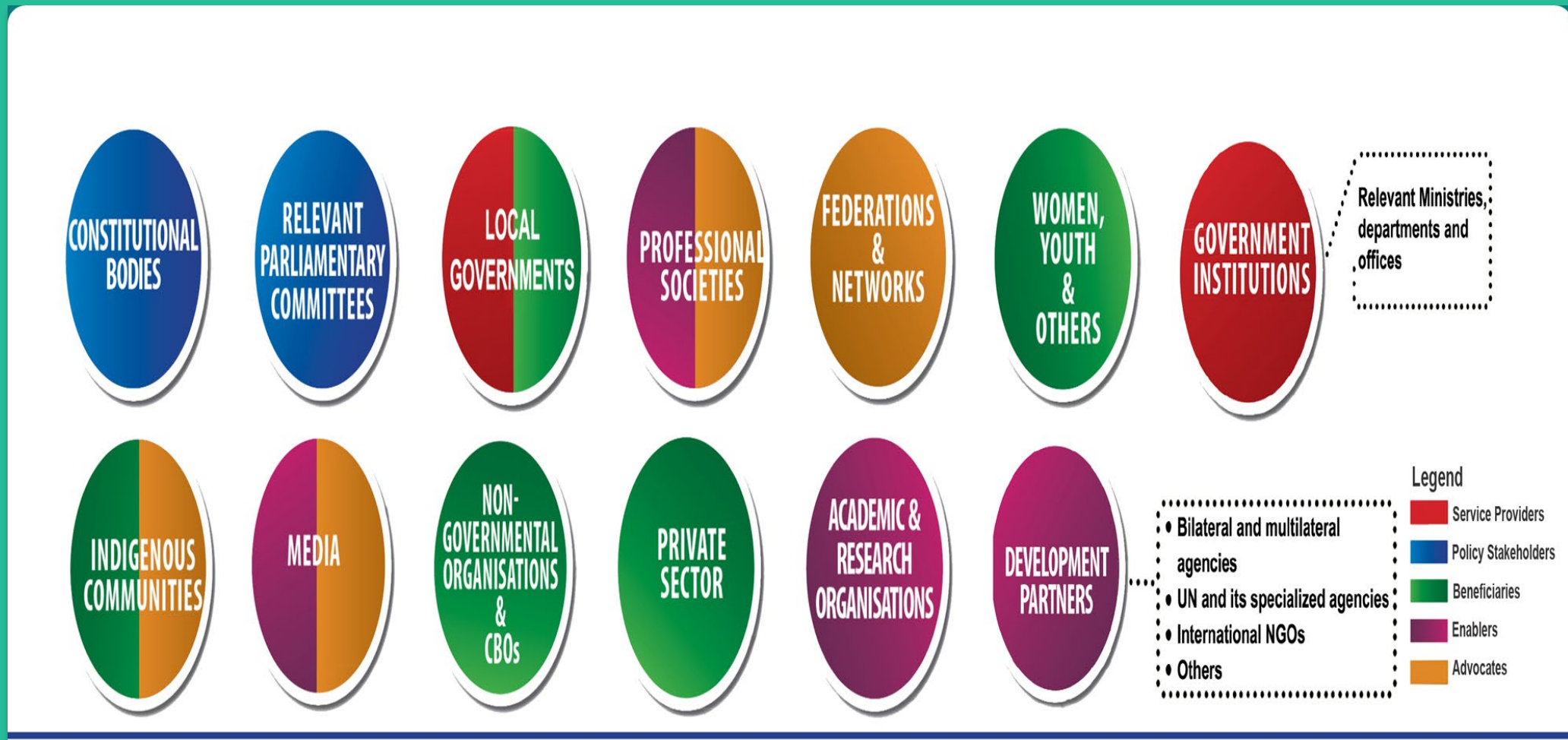
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NAP Formulation Process



Stakeholders of the NAP Process



Nepal's NAP at a Glance


Long List of Adaptation
Actions: 222

Adaptation Programmes
Identified for All Themes: 64

Estimated Budget for Implementing
NAP by 2050: 47.4B USD

S.N	Themes	No. of Adaptation Programs	Estimated Budget (B USD)
1.	Agriculture and Food Security	9	11.2
2.	Forests, Biodiversity and Watershed Conservation	11	8.7
3.	Water Resources and Energy	8	5.35
4.	Rural and Urban Settlements	3	2.85
5.	Industry, Transport and Physical Infrastructure	5	3.05
6.	Tourism, Natural and Cultural Heritage	8	1.13
7.	Health, Drinking Water and Sanitation	7	4.75
8.	Disaster Risk Reduction and Management	6	8.05
9.	Gender Equality, Social Inclusion, Livelihood and Good Governance	4	0.7
10.	National Capacity Building, Research and Awareness Raising	3	0.16
	Total	64	47.4

Programs in Agriculture and Food Security Sector

	Priority Adaptation Programmes (2025, 2030, 2050)	Budget (Million USD)
	Programme on Sustainable Agriculture, Food and Nutrition Security, and Climate Resilient Health and Hygiene	2,000
	Commercial Animal Husbandry For Climate Resilient Rural Livelihoods (753 Model Demonstration Projects) - each municipality with LAPA (as committed in NDC, 2020)	2,000
	Development of Insurance, and Community and Peasant Friendly Climate Induced Risk Sharing Model and Expansion in Both Agriculture and Livestock	500
	Genetic Resource Conservation Programme for Climate Resilient Agriculture In Nepal	500
	Enhancing Agriculture Productivity through Building Climate Resilient Water Management Systems - links with sustainable use of critical resources, the water	1,500
	Climate Smart Transformative Collective Agriculture Promotion in the Hills and Mountains	2,000
	Integrated Soil and Nutrient Management for Resilient Agriculture	1,200
	Strengthening Climate Services and Agriculture Information System	1,000
	National Capacity Building of Agriculture Institutions and Professionals (including Livestock) on Climate Change Adaptation Research, Planning and Implementation	500
	Total Projects - 9	USD 11.2 B

Adaptation actions and benefits reach to the local level

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contribute to build resilience

Snapshots of the Adaptation Projects in Nepal (Few Examples Only)

S.N.	Adaptation Projects	Funding Agency	Budget	Executed By	Accredited/Technically Assisted By
1	Catalyzing Ecosystem Restoration for Climate Resilient Natural Capital and Rural Livelihoods in Degraded Forests and Rangelands of Nepal (EbA II) Project	GEF/LDCF	\$16 million	MoFE	UNEP
2	Developing Climate Resilient Livelihoods in the Vulnerable Watersheds in Nepal	GEF/LDCF, UNDP TRAC, Co-financing from GoN	\$7.9 million	Department of Forests and Soil Conservation (DFSC)	UNDP Nepal
3	Building a Resilient Churia Region in Nepal (BRCRN)	GCF and Co-financing from GoN	\$47.44 million	MoFE	UN FAO
4	Improving Climate Resilience of Vulnerable Communities and Ecosystems in the Gandaki River Basin (GRB), Nepal	GCF, Co-financing form GoN, NTNC and IUCN	\$32.715 million	MoFE, DFSC and NTNC	IUCN
5	Nepal Climate Change Support Programme (NCCSP2)	UK Aid/FCDO	£50 Million	MoFE	Mott MacDonald
6	Urban Ecosystem based Adaptation for Climate Resilient Development in Kathmandu Valley	GEF/LDCF Grant and Co - financing	\$38.7 million	Kathmandu Valley Development Authority	UNEP

Others

S.N.	Agencies	Working Area
1	NDC Partnership	Scaling-up Climate Finance for implementation of Nepal's NAP
2	UNCDF LoCAL in Nepal	An investment menu aligned with NAPs & NDCs



THANK YOU