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National Commitments

The **National Commitments** pathway aims to show what will happen if national commitments are met. This requires translating policy commitments into quantitative targets that can be modelled in the FABLE Calculator. Teams have reviewed key policy documents to set-up these targets for the food and land use system (agricultural production and trade, climate, biodiversity, food security and dietary recommendations).

In some cases, policy commitments lack clear quantification. **FABLE teams have proposed quantitative targets that are derived or inspired from these national commitments. These are in the yellow column.**

Please provide your feedback regarding these quantitative targets using our [public consultation form](#).

CODE	Policy area	Policy ambition	FABLE team's proposed quantitative national targets	Justification and references	Assumption (A) or Official Source (OS)
1	FOOD				
1a	Food	Undernourishment	<i>The prevalence of undernourishment will be 14.0% in 2025 and 3% in 2030</i>	The prevalence of undernourishment was 36.1% in 2015. SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS
1b	Food	Overweight / obesity	<i>People (aged 15 – 69) who are overweight will be 12.0% in 2025 and 7.2% in 2030</i>	People (aged 15 – 69) who are overweight were 21.6% in 2015. SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS

1c	Food	Diet-related disease	<p>(i) Population below minimum level of dietary energy consumption: 22.8% in 2015; 10.7 in 2025; 4.6% in 2030.</p> <p>(ii) Adolescent population with low BMI (<18): 17% in 2015; 8.3% in 2025; 4% in 2030.</p> <p>(iii) Prevalence of underweight: 11% in 2015; 10% by 2030</p> <p>(iv) Prevalence of stunting: 35% in 2015; 24% by 2025; 15% by 2030</p>	<p>SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)</p>	OS
1d	Food	Other food related targets	<p>(i) Post-harvest loss (%): 15% in 2015; 5% in 2025, 1% in 2030.</p> <p>(ii) Food loss index (% of supply, Cereals): 10% in 2015; 4.7% in 2025; 2% in 2030.</p> <p>(iii) Per capita food grain production (Kg): 320 in 2015; 460 in 2025; 530 in 2030.</p>	<p>SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)</p>	OS
2	CLIMATE MITIGATION				
2a	Climate mitigation	Total GHG emissions reduction (by Gas or in CO2e - if in CO2e indicate what is the global warming potential factor used to convert non-CO2 emissions into CO2 -)	<p>Target: Net-zero emissions by the year 2045.</p> <p>(i) Annual CO2 emission (metric ton per capita): 0.10 in 2015; 0.07 in 2025; 0.05 in 2030</p>	<p>SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)</p>	OS
2b	Climate mitigation	Agriculture GHG emissions reduction	<p>(i) Greenhouse gas emissions from the commercial and agricultural sector (%): 5 in 2015; 3.33 in 2025; 2.5 in 2030.</p> <p>(ii) GHG emission (CH4) from Agri sector (Gg): 614 in 2015; 735.23 in 2025; 796 in 2030.</p>	<p>SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)</p>	OS

			<p>(iii) GHG emission (N2O) from Agri sector (Gg): 32.6 in 2015; 37.4 in 2025; 39.8 in 2030.</p> <p>(iv) GHG emission (CO2) from Agri sector (Gg): 23014 in 2015; 27046.9 in 2025; 29063 in 2030.</p>		
2c	Climate mitigation	Land use and land use change GHG emissions reduction			
2d	Climate mitigation	Reduce or halt deforestation	<p>(i) Rate of forest loss and degradation (%): 1.9 in 2015; 0.63 in 2025; 0 in 2030.</p>	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS
2e	Climate mitigation	Other climate mitigation related targets			
3	BIODIVERSITY				
3a	Biodiversity	Reduce or halt loss of natural ecosystems			
3b	Biodiversity	Promote afforestation	<p>(i) Additional forest plantation (hectare per annum): 5000 in 2025; 5000 in 2030.</p> <p>(ii) By 2030, maintain 45% of the total area of the country under forest cover (incl. other wooded land limited to less than 4%)</p> <p>(iii) By 2030, manage 50% of Terai and Inner Terai forests, and 25% of middle hills and mountain forests sustainably.</p>	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np) Nepal Climate Action Tracker	OS
3c	Biodiversity	Expand protected areas or 'Other effective area-based conservation measures' (OECMs)	<p>(i) Mountain ecosystems covered by the protected areas (%): 67.8 in 2015; 69.3 in 2025; 70 in 2030.</p>	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS

3d	Biodiversity	Expand cropland area under agroecological practices	<i>No target for the expansion of cropland.</i>	<i>Cropland in 2015 was 2641 and it will remain so in 2025 and in 2030.</i> SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS
3e	Biodiversity	Reduce or halt use of agrochemicals and other agricultural practices that harm biodiversity	<i>No target on use of pesticide in agricultural production</i>		OS
3f	Biodiversity	Other biodiversity related targets	(i) Conservation area (including forest, in % of total land area): 23 in 2015; 23 in 2025; 23 in 2030.	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS
4	NITROGEN & PHOSPHOROUS				
4a	Fertilizer use	Limit N use	(i) Fertilizer use (kg per hectare): 97 in 2015; 99 in 2025; 100 in 2030.	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS
4b	Fertilizer use	Limit P use			
4c	Fertilizer use	Other N and P related targets			
5	WATER				
5a	Water	Limit water use	<i>Limit water use to 20% of the water resource in 2030.</i>	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS
5b	Water	Other water related targets	(i) Round the year irrigated land in total arable land (%) 40 in 2015;66.7 in 2025; 80 in 2030.	SDGs Baseline Report final 29 June-1(1).pdf (npc.gov.np)	OS

6 ECONOMY					
6a	Economy	Self-sufficiency	<i>(i) Self-sufficiency in foodgrains: 16% trade deficit in food grains, in 2020 targeted to 0% trade deficit, in 2025 target to 0-5% trade surplus, in 2030 target to 0-5% trade surplus in foodgrains.</i>	OOO ADS FINAL DPP_place_sudhan.indd (gafspfund.org)	OS
6b	Economy	Farmers' income			
6c	Economy	Agricultural exports	<i>We have no official target for agricultural exports. However, FABLE-Nepal assumes 11% growth rate/year until 2030. Export potentials: Lentil, Cardamom, wheat and tea (Source: ADS). So, we assume 1.3 times of maximum historical exports over the period 2000-2020.</i>	Assumptions based on the Agriculture Development Strategy 2015-2035 Report published by the Nepal government	A
6d	Economy	Timber exports			
6e	Economy	Employment in agricultural sector	<i>No target</i>	<i>In 2015, 54% employment in agriculture.</i> OOO ADS FINAL DPP_place_sudhan.indd (gafspfund.org)	OS