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National Commitments and Targets

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
1	FOOD			
1a	Food	Undernourishment	"By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons"	Canada UNSDG commitment Goal 2 (Zero Hunger), sub-goal 2
1b	Food	Overweight / obesity	N/A	Canada UNSDG Indicator 3.3.1 relates to prevalence of obesity and overweight individuals. Currently, no target is in place.
1c	Food	Diet-related disease	By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being	SDG Indicator 3.4
1d	Food	Other food related targets	By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations,	SDG 2 - Zero hunger. Indicator 2.1

			including infants, to safe, nutritious and sufficient food all year round.	
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 -)	By 2030, reduce Canada's total greenhouse gas emissions by 40 to 45%, relative to 2005 emission levels. By 2050, achieve economy-wide net-zero greenhouse gas emissions.	Target 13.1 as part of UNSDG commitments
2b	Climate mitigation	Agriculture GHG emissions reduction	Canada's GhG emissions from agricultural practices remain unchanged by 2030	Canada has developed projections of emissions for the agriculture sector (to 2030) as part of the National Emissions Reductions Plan
2c	Climate mitigation	Land use and land use change GHG emissions reduction	Canada increases net GhG emission removals from LULUC related to Agricultural Land use by 172% by 2030	Canada has developed projections of net emissions from LULUC related to agriculture sector (to 2030) as part of the National Emissions Reductions Plan
2d	Climate mitigation	Reduce or halt deforestation	Halt and reverse forest loss and land degradation by 2030	Committed to as part of COP26 (Glasgow commitment)
2e	Climate mitigation	Other climate mitigation related targets		
3	BIODIVERSITY			
3a	Biodiversity	Reduce or halt loss of natural ecosystems	By 2030 conserve and protect 30% of terrestrial lands, ecosystems and habitats. Further engage in active restoration of (an additional) 30% of degraded habitats and ecosystems by 2030.	Commitments for protected areas enshrined in UNSDG commitments (protection) and Global Biodiversity Framework (restoration)

3b	Biodiversity	Promote afforestation	2 Billion Trees program by 2031	2 Billion Trees Commitment
3c	Biodiversity	Expand protected areas or 'Other effective area-based conservation measures' (OECMs)	30% of lands by 2030	Canada's Commitments to Protected Areas within the UNSDG Framework
3d	Biodiversity	Expand cropland area under agroecological practices	N/A	
3e	Biodiversity	Reduce or halt use of agrochemicals and other agricultural practices that harm biodiversity	N/A	Will likely be addressed in Canada's forthcoming Sustainable Agriculture Strategy . Biodiversity, soil health, water and climate change mitigation related focus areas.
3f	Biodiversity	Other biodiversity related targets	N/A	
4	NITROGEN & PHOSPHOROUS			
4a	Fertilizer use	Limit N use	Reduce Nitrogen emissions arising from fertilizer application by 30% below 2020 levels by 2030	Separate goal for Nitrogen emission reduction within Canada's Strengthened Climate Plan " A Healthy Environment and a Healthy Economy "
4b	Fertilizer use	Limit P use	N/A	
4c	Fertilizer use	Other N and P related targets	Reduce National fertilizer emissions by 30% below 2020 levels by 2030 (voluntary)	Overall goal for reduction of fertilizer emissions
5	WATER			
5a	Water	Limit water use	N/A	This will likely be addressed in Canada's forthcoming Sustainable Agriculture Strategy .

				Water use was mentioned as one of the focus areas.
5b	Water	Other water related targets	All of the long-term drinking water advisories on public systems on Indigenous reserves are resolved.	Remains Canada's only quantitative target within the UNSDG hub related to water use and sanitation .
6	ECONOMY			
6a	Economy	Self-sufficiency	N/A	Food Policy in Canada links to quantitative targets from UNSGs, but none focused on national food self-sufficiency. Qualitative language in the 'Action Areas' section (see link) include increasing the demand for Canadian-grown products at home and abroad, but no quantitative target .
6b	Economy	Farmers' income	N/A	No quantitative targets available in Canadian policy improving agricultural incomes, farm efficiency, and international competitiveness are highlighted as key pillars within the Sustainable Canadian Agricultural Partnership (see sub programs on competitiveness and marketing)
6c	Economy	Agricultural exports	N/A	Canada's AgriMarketing Program
6d	Economy	Timber exports	N/A	
6e	Economy	Employment in agricultural sector	N/A	The forthcoming National Agricultural Labor Strategy will likely address these targets, or at least provide targeted funding (similar to Sustainable CAP). Industry engagement is still ongoing on the final policy.