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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 modeled in the FABLE Calculator. Teams have reviewed key policy documents to set these targets for the food and land use system (agricultural production and trade, climate, biodiversity, food security, and dietary recommendations).

In cases where 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	Eliminate undernourishment entirely by 2050	<p>Currently, 3% of the population faces undernourishment in Denmark. There are no specific plans or policies in place to address this issue. The Danish Action Plan on Global Sustainability Goals underscores the importance of ensuring that everyone in Denmark has access to a “safe, nutritional and sufficient supply of food (...)”.</p> <p>The Danish Health Authority has taken a proactive step by developing guidelines for the monitoring and treatment of undernourishment in the population.</p> <p>Denmark statistics Danish Action Plan on Global Sustainability Goals Guidelines by the Danish Health Authority</p>
1b	Food	Overweight / obesity	No national targets.	<p>The prevalence of severe obesity is expected to rise by 14% from 2021 to 2050, potentially resulting in 32% of the Danish population being classified as severely overweight. According to the Danish Action Plan on Global Sustainability Goals, in 2017, 51% of the Danish population</p>

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				<p>was already categorized as obese, making it one of the most significant health challenges today.</p> <p>While there are no specific national targets established, various projects and action plans have been initiated to provide information and guidelines to the public. All of these initiatives share the common goal of reducing obesity within the population. The primary objective is to combat obesity resulting from lifestyle-related factors, which account for 99% of obesity cases.</p> <p>Danish Action Plan on Global Sustainability Goals</p> <p>Denmark's National Health Profile.</p> <p>WHO Study on management of childhood obesity in the European region</p> <p>Sundhed.dk</p>
1c	Food	Diet-related disease	<p>Denmark does not have any national targets for this ambition. A proposed national target would be a 50% reduction in type 2 diabetes in 2050.</p>	<p>225,000 Danes have diabetes-2 and 25,000 have diabetes-1. The national dietary guidelines state that following them will reduce the risk of different lifestyle diseases e.g., Diabetes 2. The Action Plan for Diabetes states that the prevention efforts will soon be so effective that fewer people develop and suffer from diabetes 2. It states, "A lot of cases of type 2 diabetes can be avoided in the future if we strengthen prevention efforts and ensure that children and young people get some good habits already from early childhood" (p. 4).</p> <p>In 2019, approximately 476,000 individuals were living with cardiovascular diseases. Annually, around 56,400 people are diagnosed with heart disease, resulting in approximately 12,000 deaths each year. Notably, these numbers have significantly improved since 1995-2018, with a 50% reduction in cardiovascular disease-related fatalities.</p> <p>The government has also proposed Food Based Dietary Guidelines. Following these guidelines would also minimize the risk of developing cardiovascular diseases.</p> <p>Den Nationale Diabetes- Handlingsplan</p> <p>Sundhedsstyrelsens udmeldinger om alkohol</p>

				Hjerteforeningen: Fakta om hjerte-kar-sygdom i Danmark Handlingsplan for FN's Verdensmål Sundhedsstyrelsen. Antallet, der ryger, er ikke faldet, selvom 3 ud af 4 gerne vil stoppe Opfølgning på hjerteområdet Status og udfordringer
1d	Food	Other food-related targets	Reducing the use of antimicrobials in farmed animals and aquaculture by 50% by 2030	EU Farm to Fork strategy.
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 -)	70% reduction by 2030 compared to the level in 1990. Achieve net zero in 2045. 110% reduction by 2050.	Aftale om grøn omstilling af dansk landbrug Regeringsgrundlag 2022
2b	Climate mitigation	Agriculture GHG emissions reduction	55%-65% reduction in the AFOLU sector, which equals 6,1- 8,0 million tons of CO2e in 2030	<p>The government has also proposed Food Based Dietary Guidelines that could lead to a reduction of the climate food print of food consumption of more than 1/3.</p> Aftale om grøn omstilling af dansk landbrug UN Food Systems Summit. Danish National Pathway for Food System Transformation.
2c	Climate mitigation	Land use and land use change GHG emissions reduction	Extraction of 100,000 ha peat land by 2030	Aftale om grøn omstilling af dansk landbrug
2d	Climate mitigation	Reduce or halt deforestation	Reduce logging in Danish forests by 20% in 2026-2031.	Aftale om grøn omstilling af dansk landbrug

2e	Climate mitigation	Other climate mitigation-related targets	<p>CCS: 430,000-ton biogenic CO₂ (Ørsted).</p> <p>Reduce emissions from livestock digestion by 0.17 tons CO₂e by 2025- and 0.16 tons CO₂e by 2030 and manure by 0.17 tons CO₂e by 2030.</p> <p>Increase carbon storage to 2 million tons by 2030 with biochar.</p> <p>25,000 ha of approx. agricultural land for solar panels by 2030 target.</p>	<p>Udbudsrunde på CCUS-pulje er afgjort: Energistyrelsen tildeler kontrakt til Ørstedes fuldskala CCS-projekt</p> <p>Ørsted awarded contract – will capture and store 430,000 tonnes of biogenic CO₂</p> <p>A broad majority in the Folketing agree that by 2030, Denmark will quadruple the production of solar and wind energy on land</p>
3	BIODIVERSITY			
3a	Biodiversity	Reduce or halt the loss of natural ecosystems	The government’s vision is that all global forest and agricultural value chains are responsible and deforestation-free , without compromising other natural ecosystems.	Action plan against deforestation
3b	Biodiversity	Promote afforestation	20-25% of Denmark’s total area should be forest before the end of the 21 st century.	Nationalt skovprogram 2018
3c	Biodiversity	Expand protected areas or ‘Other effective area-based conservation measures’ (OECMs)	Achieve 25,000 ha of natural national parks by 2024.	Aftale om naturnationalparker i Danmark
3d	Biodiversity	Expand cropland area under agroecological practices	Doubling the organic agricultural area (today 310,000 ha) by 2030.	Aftale om grøn omstilling af dansk landbrug

3e	Biodiversity	Reduce or halt use of agrochemicals and other agricultural practices that harm biodiversity	Reduce the sale of pesticides by 40% compared to the level in 2011. Further reduce by 27%. 2026.	Sprøjtemiddel- strategi 2022-2026
3f	Biodiversity	Other biodiversity-related targets	Reduce logging in Danish forests by 20% in 2026-2031.	Faktaark – Status og fremskrivning af danske skoves arealer og hugst Aftale om grøn omstilling af dansk landbrug
4	NITROGEN & PHOSPHOROUS			
4a	Fertilizer use	Limit N use	Reduce the discharge of N from agriculture to the environment by 10,800 tons in 2027.	Aftale om grøn omstilling af dansk landbrug
4b	Fertilizer use	Limit P use	Reduce the discharge of P from agricultural soils to aquatic environments by 2027 (we were not able to find data on how much it is going to be reduced). Allowed to fertilize with 35/30 kg P/ha at the moment.	Virkemidler til reduktion af fosforbelastningen af vandmiljøet: Videnskabelig rapport fra DCE Fosforregulering
4c	Fertilizer use	Other N and P-related targets		
5	WATER			
5a	Water	Limit water use	No targets or plans.	
5b	Water	Other water-related targets	Reduce nitrogen leakages to the water environment by 10,800 T N by 2027.	Aftale om grøn omstilling af dansk landbrug
6	ECONOMY			

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6a	Economy	Self-sufficiency	No national target.	<p>Today Denmark is food self-sufficient, however, it still relies on food imports to fully meet local demand. In 2018, food products constituted about 17% and 12% of Denmark's merchandise exports and imports, respectively.</p> <p>Denmark is about to launch a new protein strategy to increase self-sufficiency for both food and feed. There is no proposed national target yet, but DAKOFO (Danish Trade Organization for Grain and Fodder) has proposed a target for 2030: Substitute 320,000-370,000 tons (app. 1/3 of the imported protein) of imported protein with Danish-produced protein.</p> <p>Albert Kwame Osei-Owusu, Richard Wood, Eivind Lekve Bjelle, Dario Caro, Marianne Thomsen, Understanding the trends in Denmark's global food trade-related greenhouse gas and resource footprint, Journal of Cleaner Production, Volume 313, 2021, 127785, ISSN 0959-6526.</p> <p>Proteinstrategi 5. April 2022</p> <p>Dakofo - Proteinstrategi</p>
6b	Economy	Farmers' income	No national target	-
6c	Economy	Agricultural exports	Waiting for data	-
6d	Economy	Timber exports	No national target	<p>Rising export of Christmas trees - overall bigger import of trees than export.</p> <p>Nord-Larsen, T., Johannsen, V. K., Riis-Nielsen, T., Thomsen, I. M., Bentsen, N. S., & Jørgensen, B. B. (2023). Skovstatistik 2021. Institut for Geovidenskab og Naturforvaltning, Københavns Universitet.</p>
6e	Economy	Employment in the agricultural sector	No national target	