

GERMANY

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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 up 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	No national target.	Undernourishment is currently not a problem in Germany. Source: World Bank .
1b	Food	Overweight / obesity	Halt the rise in obesity among adults and reduce the prevalence of overweight and obesity among children and adolescents.	19% of adults in Germany were obese in 2020/2021. Source: Robert Koch Institut .
1c	Food	Diet-related disease	Reduce the burden of non-communicable diseases, including obesity, diabetes, and cardiovascular disease.	Reduction of health risks. Source: National reduction and innovation strategy for sugar, fats, and salt in finished products .

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1d	Food	Other food-related targets	Reduce the consumption of red meat, sugar, and animal fats by 15% by 2030 and substitute with plant-based calories (compared to 2018)	Reduction of health risks, increase sustainability. Source: National reduction and innovation strategy for sugar, fats, and salt in finished products.
2	CLIMATE MITIGATION			
2a	Climate mitigation	Total GHG emissions reduction (by Gas or in CO ₂ e - if in CO ₂ e indicate what is the global warming potential factor used to convert non-CO ₂ emissions into CO ₂ -)	Reduce emissions by at least 55% by 2030, compared to 1990 levels, and reach net-zero emissions by 2045.	Bundesklimaschutzgesetz (Federal Climate Protection Act)
2b	Climate mitigation	Agriculture GHG emissions reduction	Keep annual emissions at or below 56 Mio. t CO ₂ e until 2030 (a reduction of 36% by 2030).	Bundesklimaschutzgesetz (Federal Climate Protection Act)
2c	Climate mitigation	Land use and land use change GHG emissions reduction	Increase LULUC carbon uptake to 25 million tons CO ₂ e by 2030 and 40 million tons in 2045.	Bundesklimaschutzgesetz (Federal Climate Protection Act)
2d	Climate mitigation	Reduce or halt deforestation	No national target.	Forest area has been increasing slightly for years. Source: Forestry in Germany.
2e	Climate mitigation	Other climate mitigation-related targets	-	-
3	BIODIVERSITY			
3a	Biodiversity	Reduce or halt the loss of natural ecosystems	Preservation of current productive area.	No expansion of agricultural areas to protect more diverse habitats and promote carbon sinks, but also no widespread abandonment. Source: Climate Protection Program 2030 of the federal government to implement the climate protection plan 2050

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3b	Biodiversity	Promote afforestation	Maintain current forest area.	Almost 1/3 of Germany's area is covered with forest already. Source: Forestry in Germany .
3c	Biodiversity	Expand protected areas or 'Other effective area-based conservation measures' (OECMs)	Global Biodiversity Convention: min 30% by 2030.	Nationale Strategie zur biologischen Vielfalt. Source: National Biodiversity Strategy .
3d	Biodiversity	Expand cropland area under agroecological practices	Convert 30% of agricultural land to organic farming and agroecological practices by 2030.	Increase land use sustainability. Source: Coalition agreement between SPD, Bündnis 90/Die Grünen and FDP
3e	Biodiversity	Reduce or halt use of agrochemicals and other agricultural practices that harm biodiversity	Reduce the use of pesticides by 50% until 2030 compared to 2016-2020.	Part of the European Green Deal. Germany's representation in the EU. Vertretung in Deutschland. Presseartikel "Europäischer Grüner Deal: Weniger chemische Pestizide, umfassende Renaturierung"
3f	Biodiversity	Other biodiversity-related targets	-	-
4	NITROGEN & PHOSPHOROUS			
4a	Fertilizer use	Limit N use	Reduce nitrogen inputs in agriculture by 20% until 2030 compared to 2016-2020.	Farm to Fork strategy, Part of the European Green Deal. Vertretung in Deutschland. Presseartikel "Europäischer Grüner Deal: Weniger chemische Pestizide, umfassende Renaturierung"
4b	Fertilizer use	Limit P use	Reduce phosphorous inputs in agriculture by 20% until 2030 compared to 2016-2020.	Farm to Fork strategy, Part of the European Green Deal.

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				Vertretung in Deutschland. Presseartikel "Europäischer Grüner Deal: Weniger chemische Pestizide, umfassende Renaturierung"
4c	Fertilizer use	Other N and P related targets	-	-
5	WATER			
5a	Water	Limit water use	No national target.	Water availability is extremely variable in Germany, so there is no national strategy. -
5b	Water	Other water-related targets	Increase the energy efficiency of irrigation technology.	Part of a strategy to promote climate change adaptation in forestry, agriculture, and aquaculture. Source: Maßnahmenprogramm zur Umsetzung der Agenda Anpassung von Land- und Forstwirtschaft sowie Fischerei und Aquakultur an den Klimawandel
6	ECONOMY			
6a	Economy	Self-sufficiency	Maintain the current level of self-sufficiency.	There are currently discussions that the degree of self-sufficiency should be increased, but no strategy has emerged yet. Source: Deutscher Bundestag. Beratung zur Nahrungsmittelversorgung der Zukunft.
6b	Economy	Farmers' income	No national target.	- -

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6c	Economy	Agricultural exports	Reduce exports of beef, pork, and milk by 25% by 2050 compared to 2010.	Animal numbers and meat production have decreased in Germany in the last years. We assume that this trend will continue and maybe accelerate. Source: Statistisches Bundesamt. Pressemitteilung Nr. N 018 vom 17. März 2023. Fleischexporte in den vergangenen fünf Jahren um 19 % zurückgegangen
6d	Economy	Timber exports	No national target.	-
6e	Economy	Employment in the agricultural sector	No national target.	-