

# AUSTRALIA

**Authors:** Javier Navarro (Commonwealth Scientific and Industrial Research Organisation (CSIRO)), Ray Marcos Martinez (CSIRO)

## 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	Justifications and References	Assumption (A) or Official Source (OS)
<b>1</b>	<b>FOOD</b>				
<b>1a</b>	Food	Undernourishment	No quantitative target.		
<b>1b</b>	Food	Overweight / obesity	No quantitative target.		
<b>1c</b>	Food	Diet-related disease	No quantitative target.		
<b>1d</b>	Food	Other food related targets	No quantitative target.		

# AUSTRALIA

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 - )	43% below 2005 levels by 2030. For the period 2021-2030 the emissions budget is 4,381 Mt CO <sub>2</sub> -e. This is a target of 354.04 MT CO <sub>2</sub> e by 2030. (IPCC AR6 GWP)	Nationally Determined Contribution, June 2022 <a href="#">Australia's emissions projections 2022</a>	OS
2b	Climate mitigation	Agriculture GHG emissions reduction	Emissions will be: 67.43 Mt CO <sub>2</sub> e by 2030	Based on baseline projection shares and overall, 43% reduction target <a href="#">Australia's emissions projections 2022</a>	A
2c	Climate mitigation	Land use and land use change GHG emissions reduction	Emissions will be: -30.77 Mt CO <sub>2</sub> e by 2030	Based on baseline projection shares and overall, 43% reduction target <a href="#">Australia's emissions projections 2022</a>	A
2d	Climate mitigation	Reduce or halt deforestation	No quantitative target.		
2e	Climate mitigation	Other climate mitigation related targets	Reduce methane emissions by 30% by 2030.	<a href="#">Non-binding goal as part of the Global Methane Pledge</a>	OS
3 BIODIVERSITY					
3a	Biodiversity	Reduce or halt loss of natural ecosystems	No quantitative target.		

# AUSTRALIA

3b	Biodiversity	Promote afforestation	No quantitative target.		
3c	Biodiversity	Expand protected areas or 'Other effective area-based conservation measures' (OECMs)	Protecting 30% of Australian land and sea area by 2030	<a href="#">National Commitment to 30% land and sea protection</a>	OS
3d	Biodiversity	Expand cropland area under agroecological practices	No quantitative target.		
3e	Biodiversity	Reduce or halt use of agrochemicals and other agricultural practices that harm biodiversity	No quantitative target.		
3f	Biodiversity	Other biodiversity related targets	No quantitative target.		
4	<b>NITROGEN &amp; PHOSPHOROUS</b>				
4a	Fertilizer use	Limit N use	No quantitative target.		
4b	Fertilizer use	Limit P use	No quantitative target.		
4c	Fertilizer use	Other N and P related targets	No quantitative target.		
5	<b>WATER</b>				

# AUSTRALIA

5a	Water	Limit water use	No quantitative target.		
5b	Water	Other water related targets	No quantitative target.		
6	<b>ECONOMY</b>				
6a	Economy	Self-sufficiency	No quantitative target.		
6b	Economy	Farmers' income	No quantitative target.		
6c	Economy	Agricultural exports	No quantitative target.		
6d	Economy	Timber exports	No quantitative target.		
6e	Economy	Employment in agricultural sector	No quantitative target.		
6d	Economy	Agricultural value	To exceed \$100 billion in farm gate output by 2030.	<a href="#">National Farmers Federation 2030 Roadmap</a>	OS