



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

Germany's updated climate targets

International NDCs Webinar hosted by the British Embassy in Seoul
20 July 2021



Climate targets as of December 2019

Federal Climate Act:

annual emission budgets for energy, transport,
building, industry, agriculture and waste **sectors**,
2020 - 2030

overall GHG mitigation target **2030: 55%**

Greenhouse gas neutrality by 2050



Climate targets as of June 2021

Federal Climate Act, agreed in ~~December 2019~~ after revision in
June 2021:

annual emission budgets for energy, transport, building, industry,
agriculture and waste **sectors, 2020 – 2030 // updated**

overall GHG mitigation target **2030: 55% 65%**

overall GHG mitigation target **2040: 88%**

GHG mitigation **trajectory 2030 – 2040** (linear path)

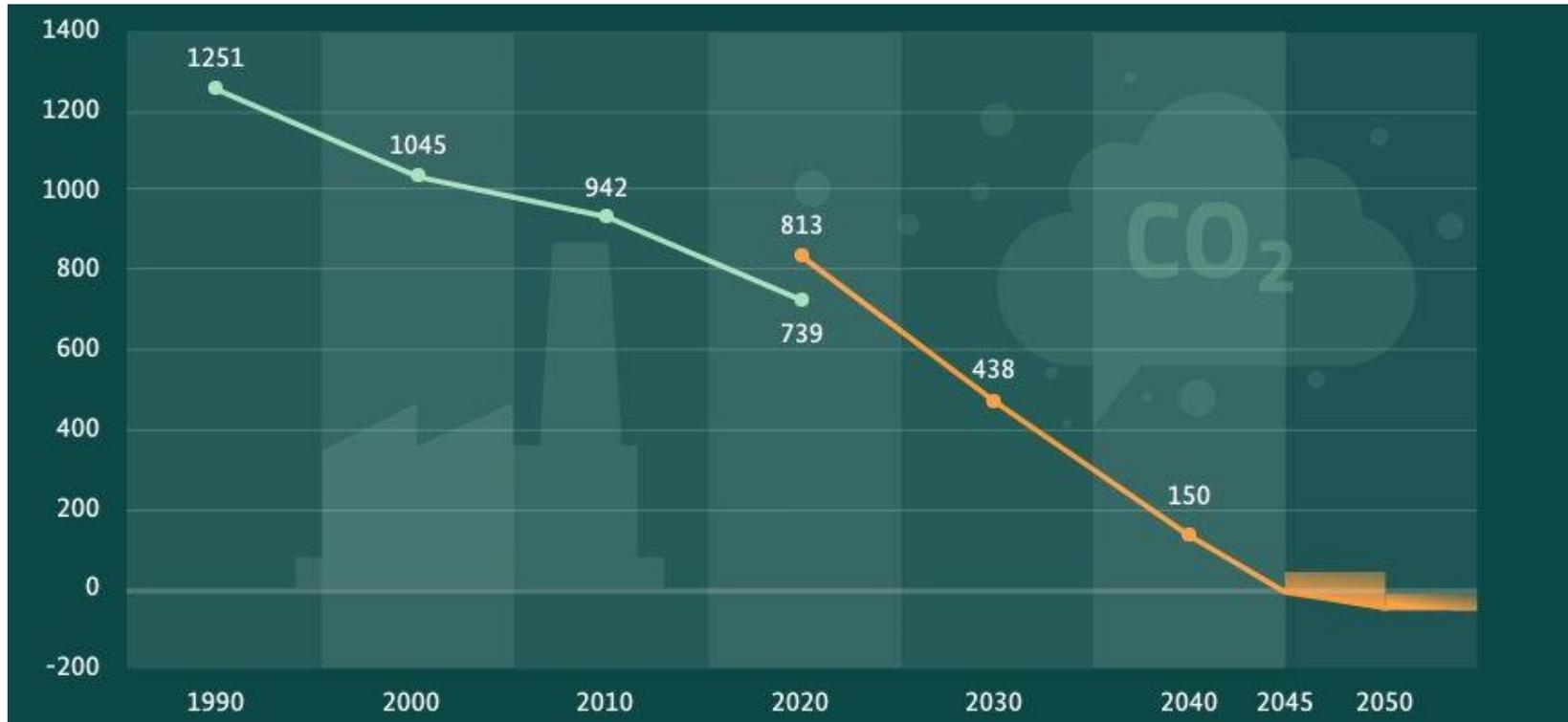
specific targets to improve the capacity of the **LULUCF sector** as a carbon
sink for the years 2030, 2040 and 2045

Greenhouse gas neutrality by 2050 2045

Negative emission balance after 2050



Germany's mitigation pathway

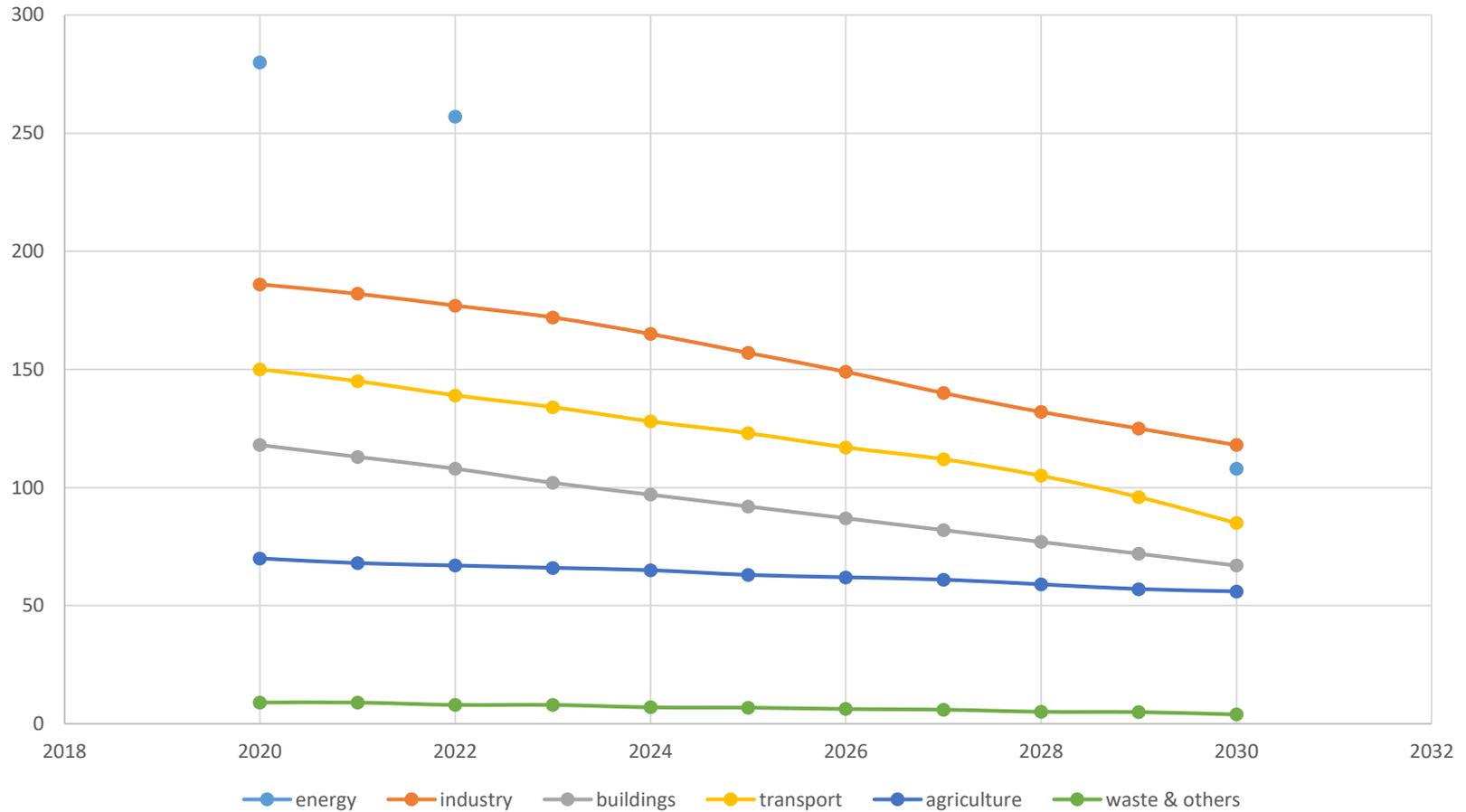


left: historic GHG emission data

right side: emission trajectory defined in Federal Climate Act (2021), 2020 - 2050

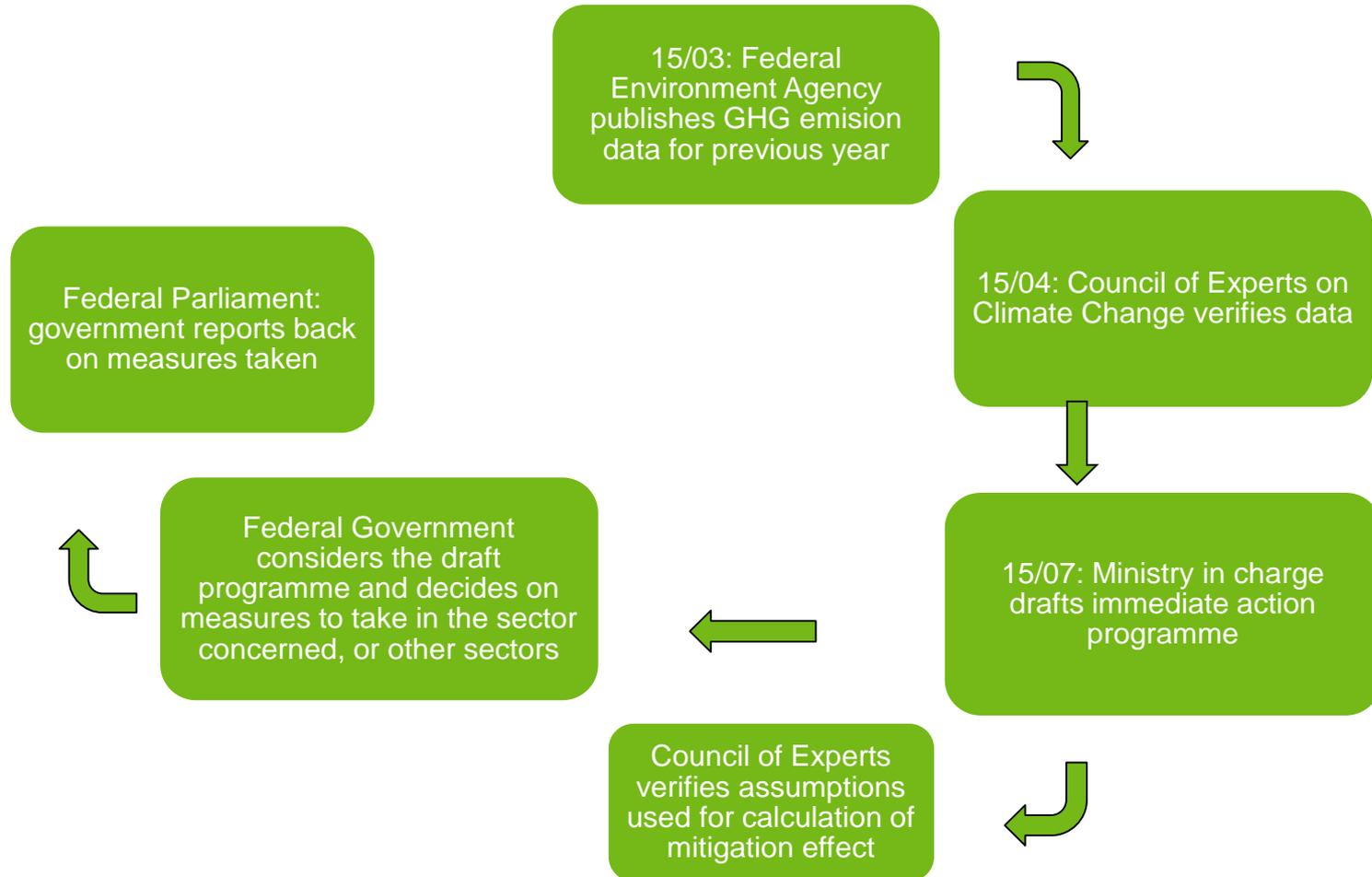


annual sector emission budgets revised Climate Act (2021)





Climate Governance: Monitoring and Controlling





Climate Action Programme: provisions in the Federal Climate Act

regular updates required (every 5 years, aligned to the UNFCCC ambition raising mechanism and consequent updates of the national long-term strategy)

requirements according to the Federal Climate Act:

- compliance with permissible annual emission budgets, including the LULUCF targets;
- probable greenhouse gas reduction effect of proposed measures to be determined;
- includes scientific impact assessment (economic, social and other environmental impacts of measures proposed);
- public consultation procedure;
- to be adopted no later than the calendar year following the update of the Climate Action Plan.



Climate Action Programme: selected measures

Carbon pricing (heat and transport sectors)	Buildings
Burden reduction for citizens and industry	Tax incentive for energy upgrades of buildings
Reducing electricity costs	Federal Funding for Energy-Efficient Buildings (BEG), including an upgrade premium for replacing oil heaters
Change in tax break for long-distance commuters	Energy-efficient urban redevelopment
Changes to housing benefit and to tenancy law	Role model function of federal buildings
Transfer payments	Further developing energy standards
Energy sector	Transport
Gradual reduction and phase-out of coal-fired power generation	Promoting rail travel
Increasing the share of renewables to 65% of gross electricity consumption by 2030	Making public transport more attractive
Further development and comprehensive modernisation of combined heat and power (CHP)	Expanding cycle routes and parking facilities for bicycles, improving framework conditions
Increased conversion of heating networks to use renewable energy and unavoidable waste heat	Industry
Energy efficiency strategy 2050 (EffSTRA)	Investment programme – energy efficiency and process heat from renewables in industry
Agriculture	Support programme – competitive tenders for energy efficiency
Reduction of nitrogen surpluses, including ammonia emissions, targeted reduction of nitrous oxide emissions and improving nitrogen efficiency	National decarbonisation programme
Increased fermentation of livestock manure and agricultural residues	New construction techniques and materials for a low-emission industry
Increase energy efficiency in agriculture	Land use, land-use change and forestry
Other measures	Conserving permanent grassland
Support programme to expand landfill aeration landfill gas collection	Conserving peatland, including curbing peat use in growing media
	Cross-sector measures
	Climate-neutral federal administration by 2030



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Happy to take your questions!

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