

Uruguay Fourth BUR

Facilitative Sharing of Views
December 04, 2023



Ministerio
de Ambiente



National context

Population

3.543.026
habitants
(2021)

Geography

Plains with low hills



Climate

Temperate with extreme events.

High annual variability of rainfall

Area

176,215 km²

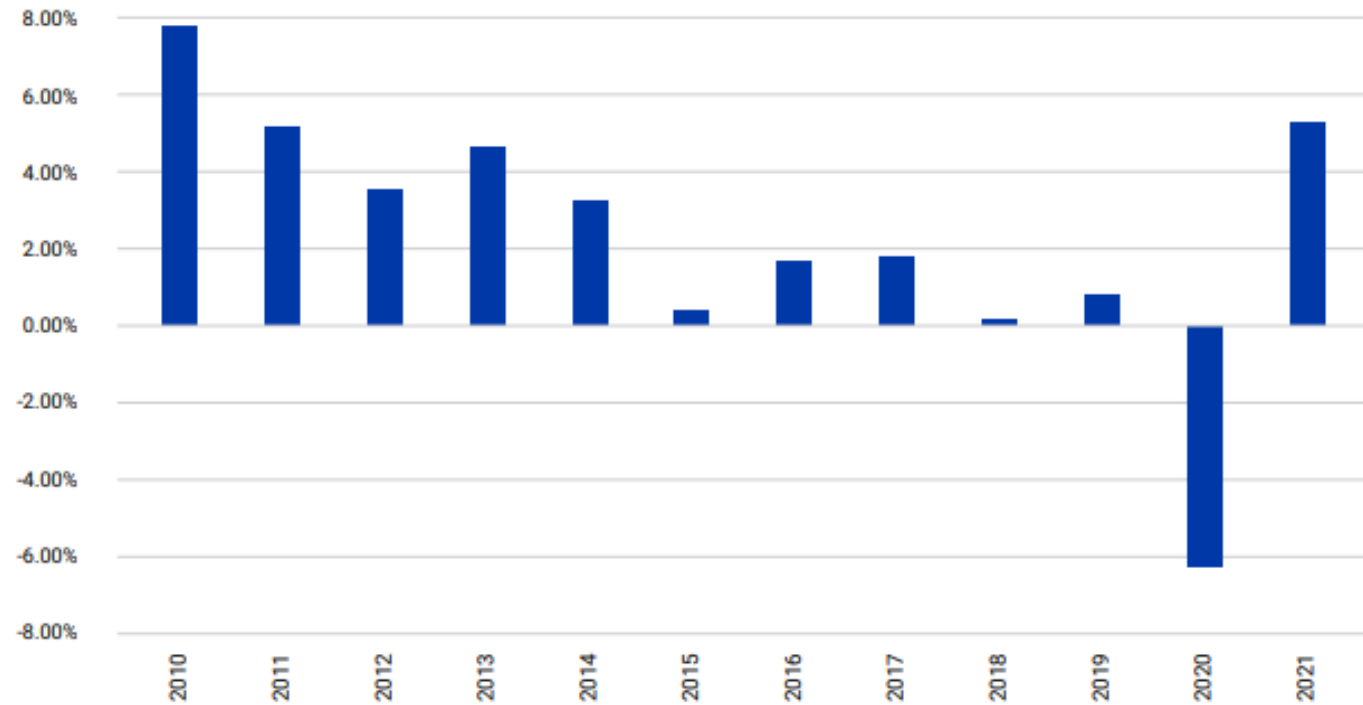
ECONOMY BASED ON
AGRICULTURE AND
SERVICES.

POPULATION AND MAIN
INFRASTRUCTURES IN
COASTAL AREAS
**VULNERABLE TO THE
ADVERSE EFFECTS OF
CLIMATE CHANGE**

Economy

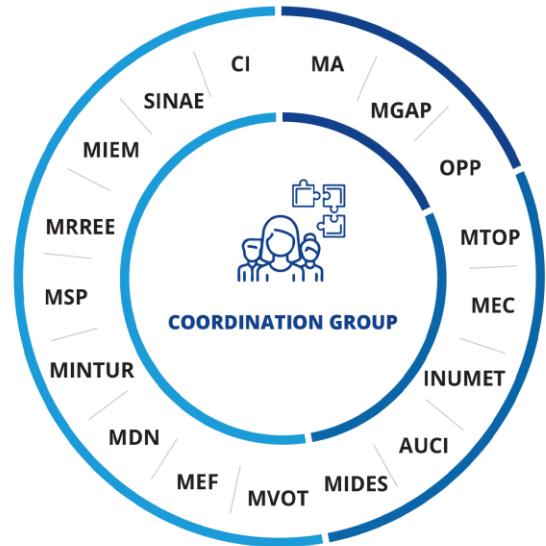
3,5% annual average growth rate
(2003 – 2021)

Uruguay's Real Gross Domestic Product
Annual percent change

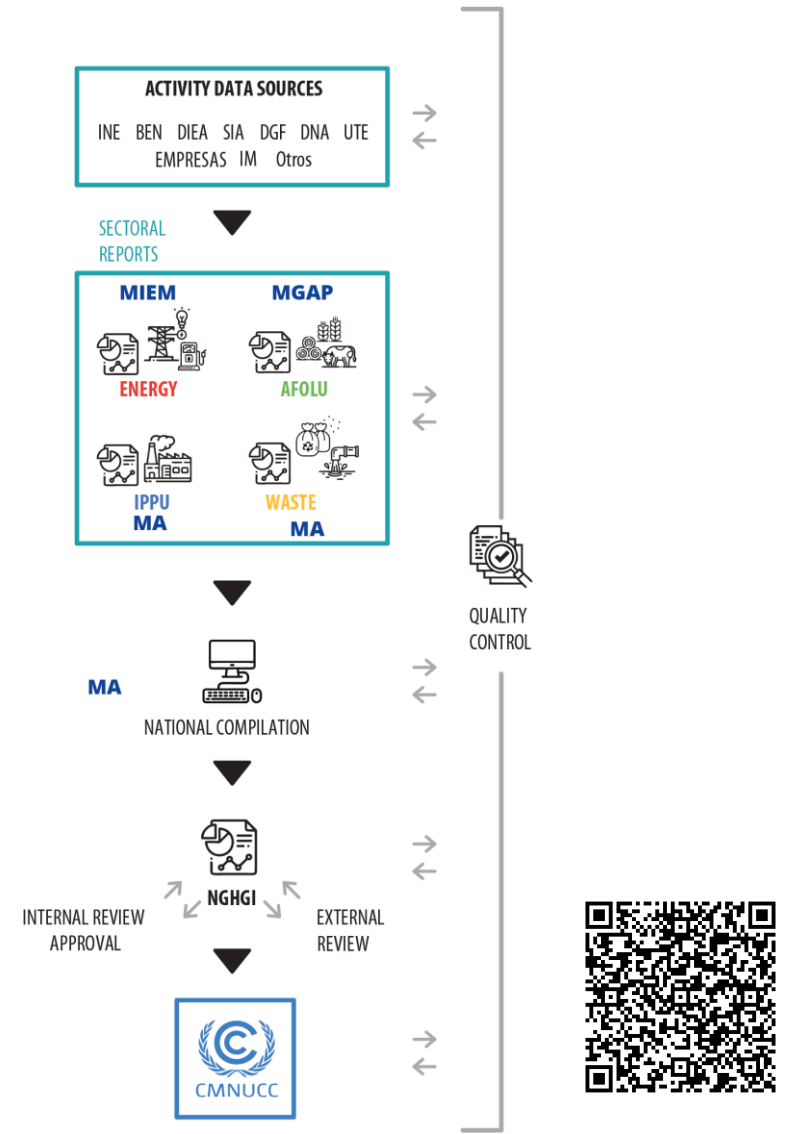


INSTITUTIONAL ARRANGEMENTS

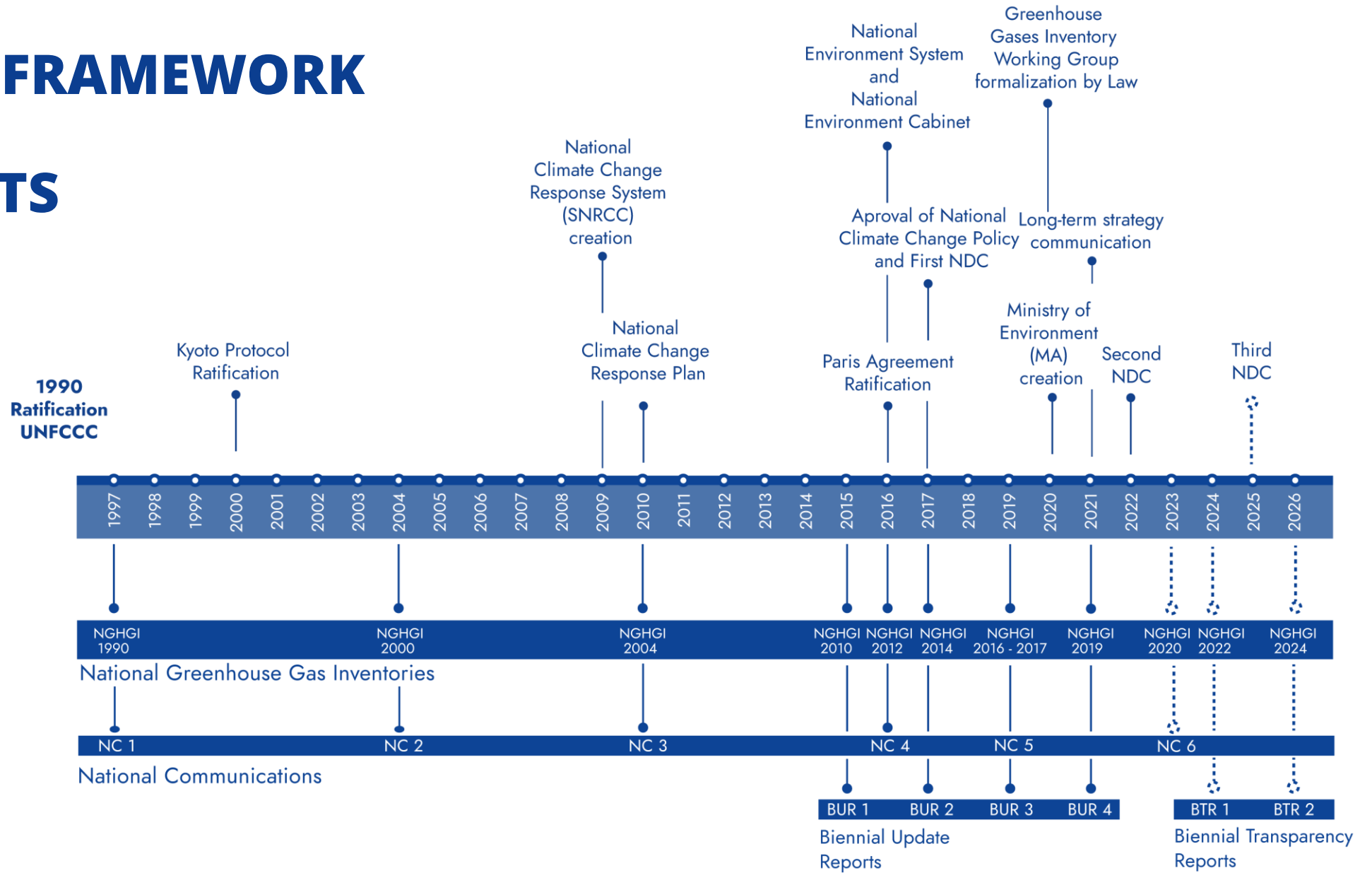
NATIONAL CLIMATE CHANGE RESPOND SYSTEM (SNRCC)



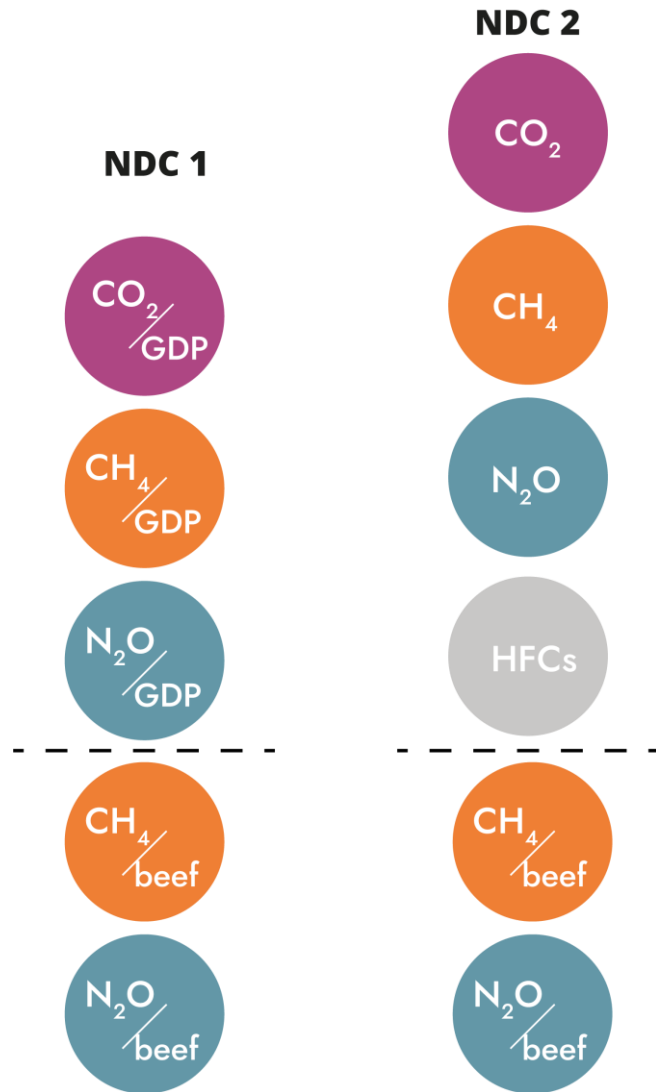
- SNRCC PRESIDENCY
- SNRCC MEMBERS
- GUEST INSTITUTIONS



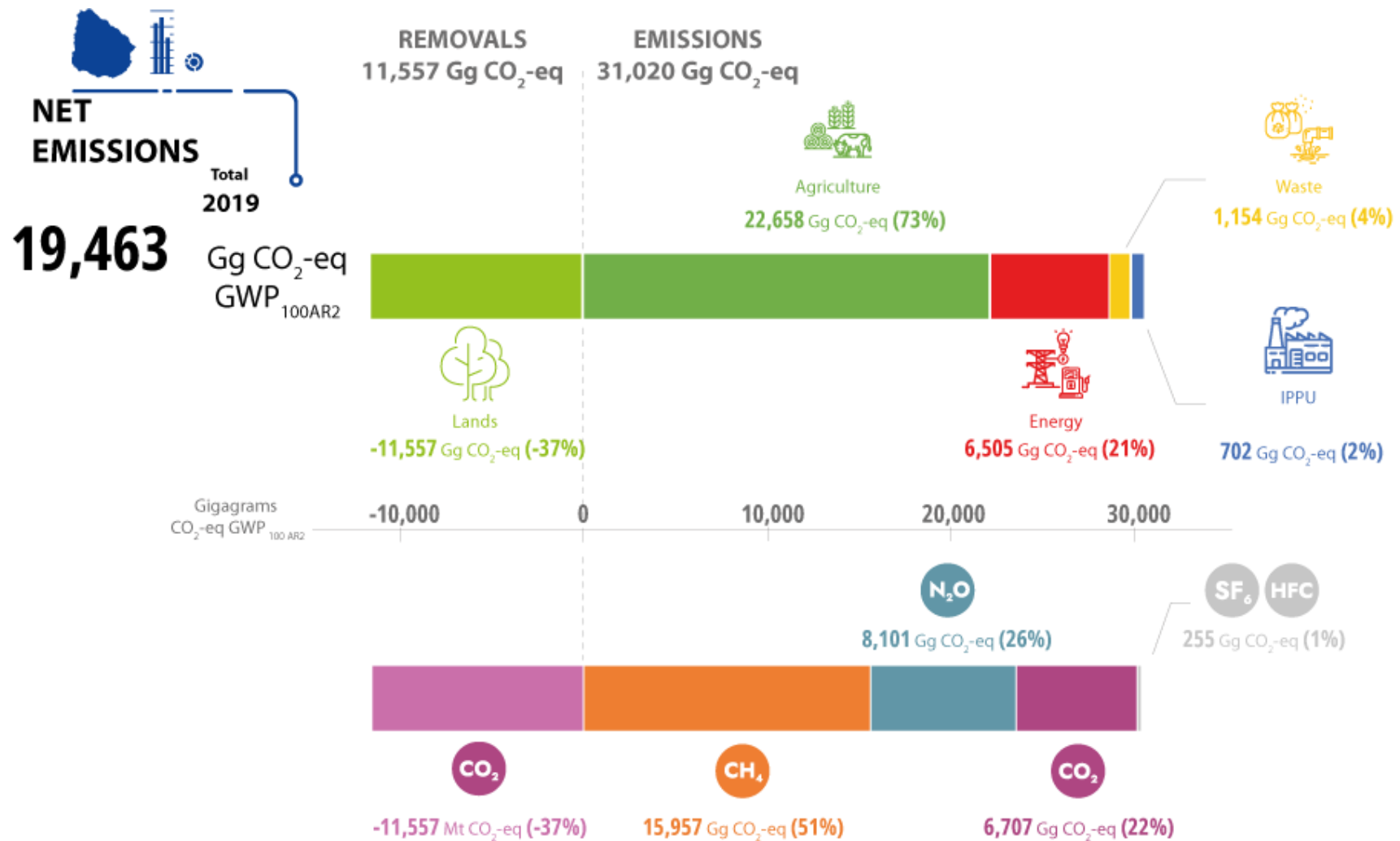
LEGAL FRAMEWORK AND REPORTS



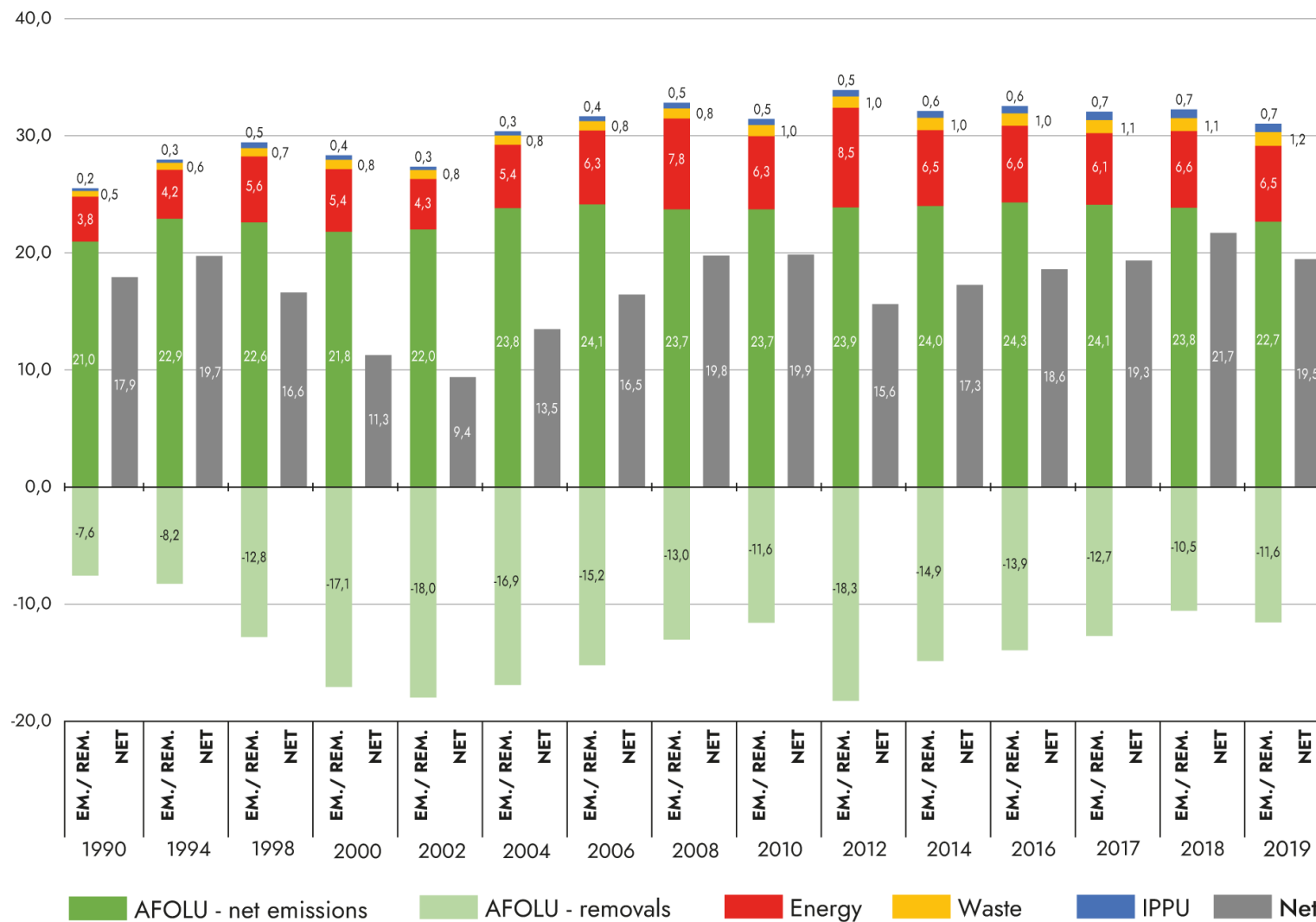
2nd NDC



Total GHG emissions – YEAR 2019



Emission trends



Mitigation actions and effects



Sustainable diversification of the energy matrix.

Avoided emissions: 10,020 Gg CO₂-eq_{100 AR2} (2005-2020)

Sustainable and efficient transport

Avoided emissions: 1,334 Gg CO₂-eq_{100 AR2} (2010-2020)

Introduction of electric vehicles in public and cargo transportation.

Avoided emissions: 9,9 Gg CO₂-eq_{100 AR2} (2014-2020)



Waste management and treatment

Avoided emissions: 588 Gg CO₂-eq_{100 AR2} (2007-2019)



Maintenance and increase of land stocks

% of the area with respect to the baseline

- Forest plantation 140% (2021)
- Forest-shelter 114% (2020). Additional CO₂ sequestration (2012-2020) 213 Gg
- Native forest 100% (2016) Average CO₂ sequestration : 1.134,6 Gg



Increase of agricultural productivity and sustainability

Land management plans

Reduction of emissions per kg: 28% reduction of intensity of CH₄/Kg of beef respect 1990.



Adaptation

- Coastal: prefactibilidad Preliminary projects of adaptation measures are being prepared in 6 pilot sites in coastal departments.
- Water resources: An operational system is being developed to improve the quantity and quality of water resources in the main basin of the country.
- Tourism: Recognition was implemented for tourism enterprises that take adaptation and mitigation measures.
- Cities: research on extreme events risk reduction in urban locations
- Damage and losses: A mechanism was developed to report damages and losses. Pilot report was published.
- Capacity-building : The national strategy of action for climate empowerment was developed.
- Agriculture: Identification of progress in the implementation of the National Adaptation Plan.

Support received

Enabling activities:

- Financial support to comply with reporting commitments under the UNFCCC (National Communications, BUR, TNA)
- Capacity building: CGE training materials and workshops on GHG Inventories, mitigation and BURs.

Leveraging policies:

- Financial support for overcoming barriers and financing pilots

Institutional strengthening.

Support needed for mitigation actions

ENERGY	Geothermal Energy (TNA)
	Electric accumulators (batteries / hydro-pump) (NDC)
	Solar water heaters for large users (NDC)
TRANSPORT	E-vehicles in public transportation and utilities (NDC)
	Vehicle efficiency and emissions lab (NDC TNA)
IPPU	Alternative fuels in cement production (NDC)
	Partial Clinker substitution in cement production (NDC)
AFOLU	Cattle Grassing Management (NDC TNA)
	Slow-realease fertilizing (NDC)
WASTE	CH4 capture and burning in final disposal (NDC)
	Improvement in industrial wastewater treatment (NDC)

Support needed for capacity building – facilitation of reporting

- Development of the national system for systematic monitoring of soil C.
- Adaptation of the national forestry inventory to the needs raised by the NGHGI.
- Development of better emission factors for beef and milk cattle.
- Development of Tier 2 emission factors for N₂O from its various sources.

Determining transportation fuel consumption through a bottom-up approach road (gasoline and diesel), disaggregating by type of vehicle. (1A3b - Road transport is a category main INGEI).

Enhancing capacity for estimating emissions for the categories that are still reported as “NE”

Advanced training in models that allow improving estimates of emissions avoided by the mitigation measures applied

Compiling data on financial resources related to climate change, technology transfer and capacity-building.

ETF Transition

Uruguay Will present its first BTR 1 in 2024.

Challenges:

- Quantification of the effects of policies and measures.
- Inclusion of not estimated Categories.
- Report on Adaptation.

Thanks!



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