



SECOND BIENNIAL UPDATE REPORT OF BRAZIL

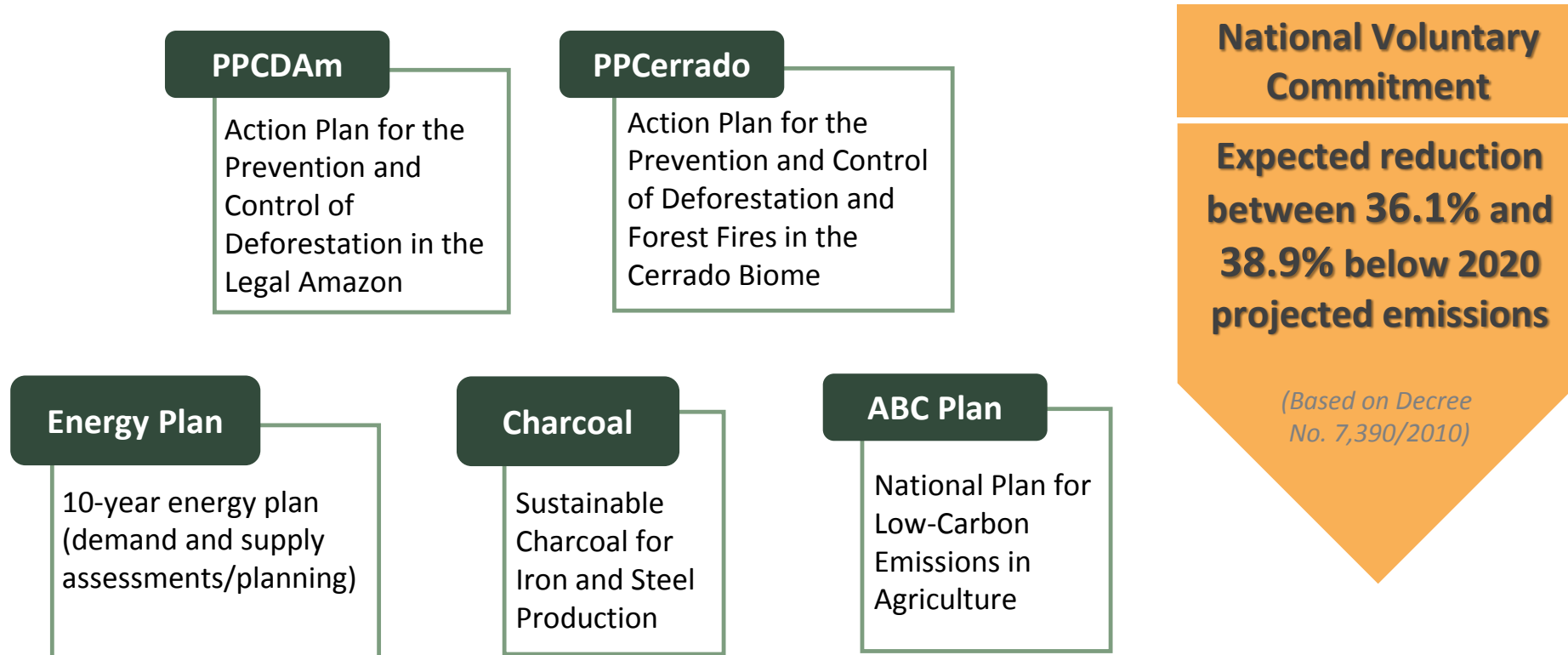
TO THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

7th Facilitative Sharing of Views Workshop
Bonn, 19 May 2019

NATIONAL CIRCUMSTANCES AND INSTITUTIONAL ARRANGEMENTS

National Policy on Climate Change

Law No. 12,187/2009

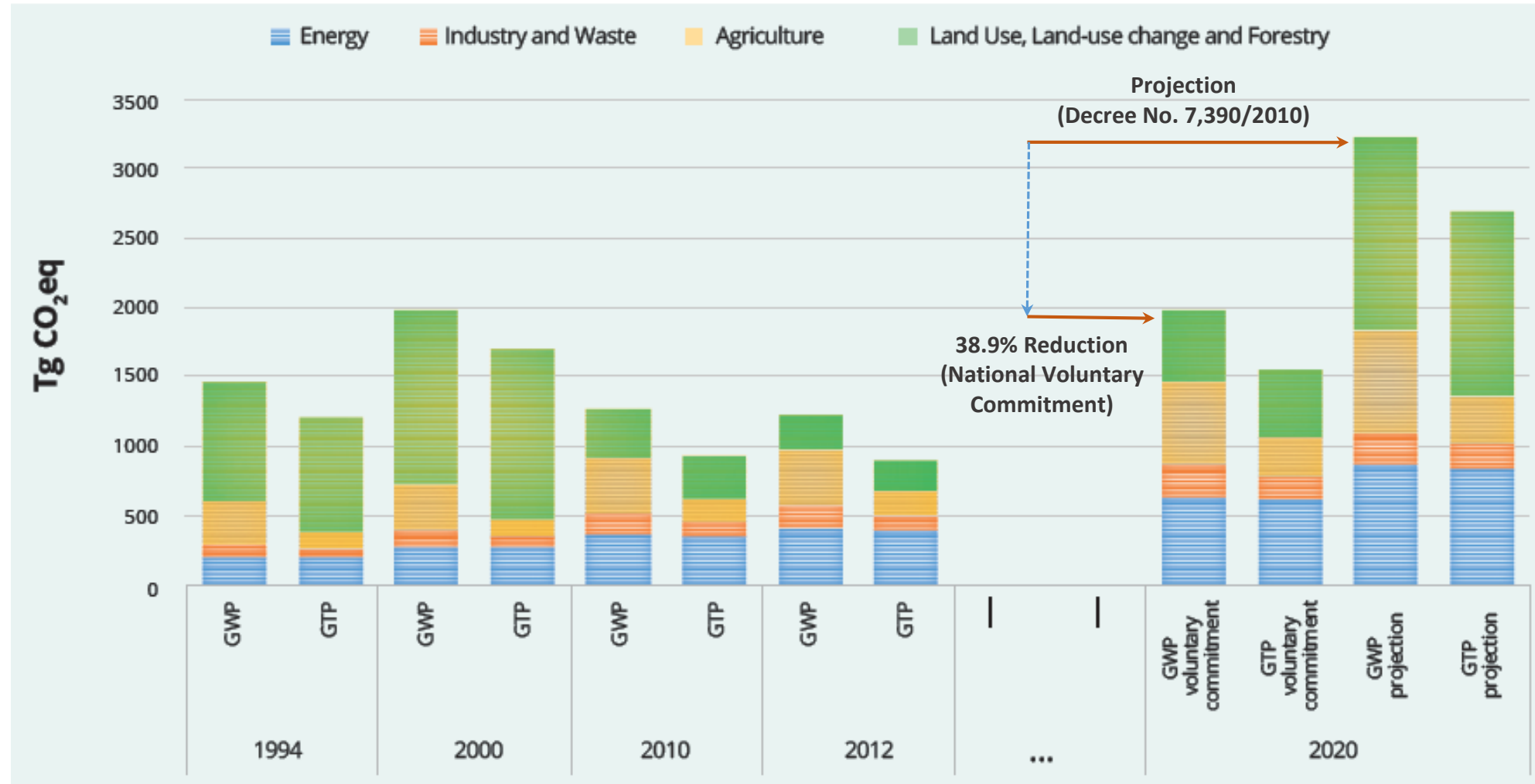


*Instruments
Governance*



NATIONAL INVENTORY OF ANTHROPOGENIC EMISSIONS AND REMOVALS

GHG emissions by sector compared to the national voluntary commitment

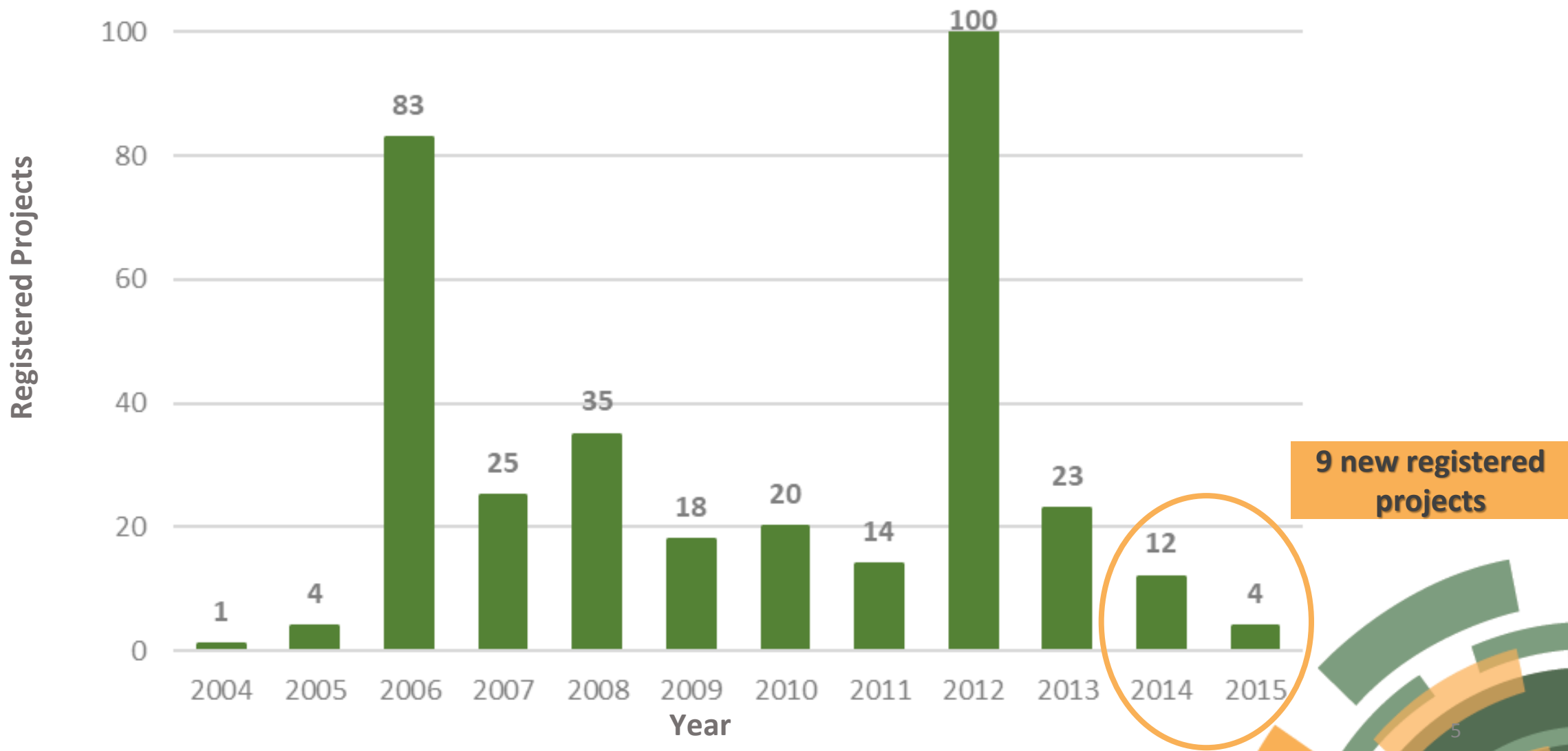


MITIGATION ACTIONS AND THEIR EFFECTS: plans, policies & NAMAs

National plans and policies	NAMAs communicated
ABC Plan - National Plan for Low-Carbon Emissions in Agriculture	<ul style="list-style-type: none"> - Restoration of grazing land (range: 83 to 104 Mt CO₂ eq in 2020); - Integrated crop–livestock system (range: 18 to 22 Mt CO₂ eq in 2020) - No-till farming (range: 16 to 20 Mt CO₂ eq in 2020) - Biological nitrogen fixation (range: 16 to 20 Mt CO₂ eq in 2020)
PPCDAm - Action Plan for the Prevention and Control of Deforestation in the Legal Amazon	<ul style="list-style-type: none"> - Reduction in deforestation in the Amazon (range: 564 Mt CO₂ eq in 2020)
PPCerrado - Action Plan for the Prevention and Control of Deforestation in the Cerrado	<ul style="list-style-type: none"> - Reduction in ‘cerrado’ deforestation (range: 104 Mt CO₂ eq in 2020)
Sustainable Charcoal for Iron & Steel production	<ul style="list-style-type: none"> - Iron and steel – replacing coal from deforestation with coal from planted forests (range: 8 to 10 Mt CO₂ eq in 2020)
Increase in the Supply of Energy by means of Hydroelectric Plants	<ul style="list-style-type: none"> - Increase in energy supply from hydroelectric power plants (range: 79 to 99 Mt CO₂ eq in 2020);
Use of Alternative Energy Sources	<ul style="list-style-type: none"> - Alternative energy sources (range: 26 to 33 Mt CO₂ eq in 2020);
Increased Use of Biofuels	<ul style="list-style-type: none"> - An increase in the use of biofuels (range: 48 to 60 Mt CO₂ eq in 2020);
Implementation of Energy Efficiency	<ul style="list-style-type: none"> - Energy efficiency (range: 12 to 15 Mt CO₂ eq in 2020);

MITIGATION ACTIONS AND THEIR EFFECTS

CDM Projects in Brazil



Priority Areas for Future International Cooperation*

*Non-exhaustive list

- **Measuring, reporting and verification of public policies**
- **Sustainable production and supply chains**
- **Community engagement and strengthening with regards to sustainable production**
- **Sustainable forest management**
- **Deforestation monitoring and detection**
- **Energy storage**
- **Technological and economic development of alternative energy sources**

INFORMATION ON SUPPORT RECEIVED

(2014-2015)

SOURCE	TOTAL (USD)
CAF – Development Bank of Latin America	653,430,000.00
IDB – Inter-American Development Bank	660,528,000.00
IFC – International Finance Corporation	380,550,000.00
Other multilateral channels	113,200,000.00
Bilateral (Norway)	243,733,621.56
Bilateral (Germany)	703,953,887.67
Bilateral (Japan)	550,000,000.00
Bilateral (France)	434.696,961.65

DOMESTIC MEASUREMENT, REPORTING AND VERIFICATION ARRANGEMENTS

SMMARE – Modular System for Monitoring Actions and GHG Emissions Reductions

- Guidelines and methodological bases established in 2014;
- Designed for monitoring sectoral plans within the context of the national voluntary commitment; and
- Adjustments required to monitor actions associated with the NDC and Paris Agreement Implementation

SIRENE – National Emissions Registry System

<http://sirene.mctic.gov.br>

MRV system for emissions at an aggregated level

- Type of gas (carbon dioxide – CO₂; methane – CH₄; nitrous oxide – N₂O; hydrofluorocarbons – HFCs; perfluorocarbons – PFCs; sulfur hexafluoride – SF₆; nitrogen oxides – NO_x; carbon monoxide – CO and other non-methane volatile organic compounds – NMVOC);
- Emissions by sources and removals by sinks - for the Energy, Industrial Processes, Use of Solvents and Other Products, Agriculture, Land Use, Land-Use Change and Forestry, and Waste; and
- Historical series of emissions published in NCs, BURs and Annual Emissions Estimates pursuant to the National Policy on Climate Change.

THANK YOU!

National Focal Point:

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