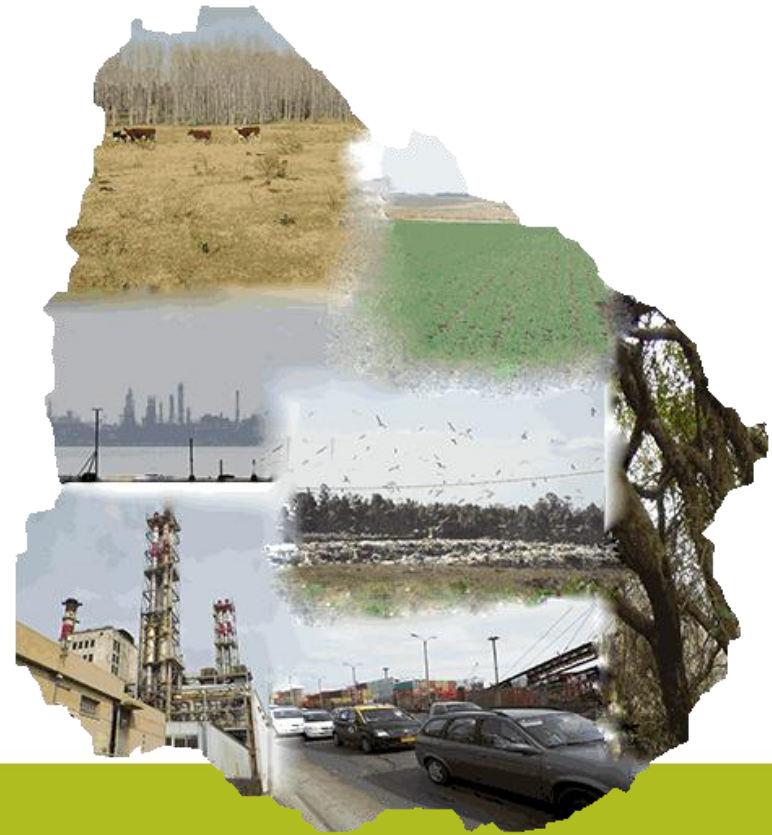




MVOTMA

Ministerio de Vivienda
Ordenamiento Territorial
y Medio Ambiente



URUGUAY

FIRST BUR

Facilitative Sharing of Views
Bonn, May 15 2017

Presentation outline

Part I: Summary of BUR and recent development

- ❖ National context
- ❖ GHG inventory
- ❖ Mitigation actions
- ❖ Support needed and received

Part II: Experience and lessons learned in participating in the ICA process


Part III: Response to questions received

National context

Institutional arrangements

- Ministry of Housing, Land Planning and Environment (MVOTMA), 1990
- Ratification UNFCCC (1994) and the Kyoto Protocol (2001)
- National Climate Change Response System (SNRCC), 2009 , and thematic Working Groups (NGHGI among others)
- Ratification Paris Agreement (2016)
- National Environment, Water and Climate Change Secretariat (2015)
- National Environment System and National Environment Cabinet (2016)

Relevant facts

- Economy based on agro-industrial chains and tourism
 - Particularly vulnerable to climate change
 - Clean energy matrix: 95% electricity and 55% global primary mix from renewable sources
 - 2003-2014 economy growth 4.7% annual average rate, poverty from approx. 40% in 2004 to 9% 2014
- 

GHG inventory

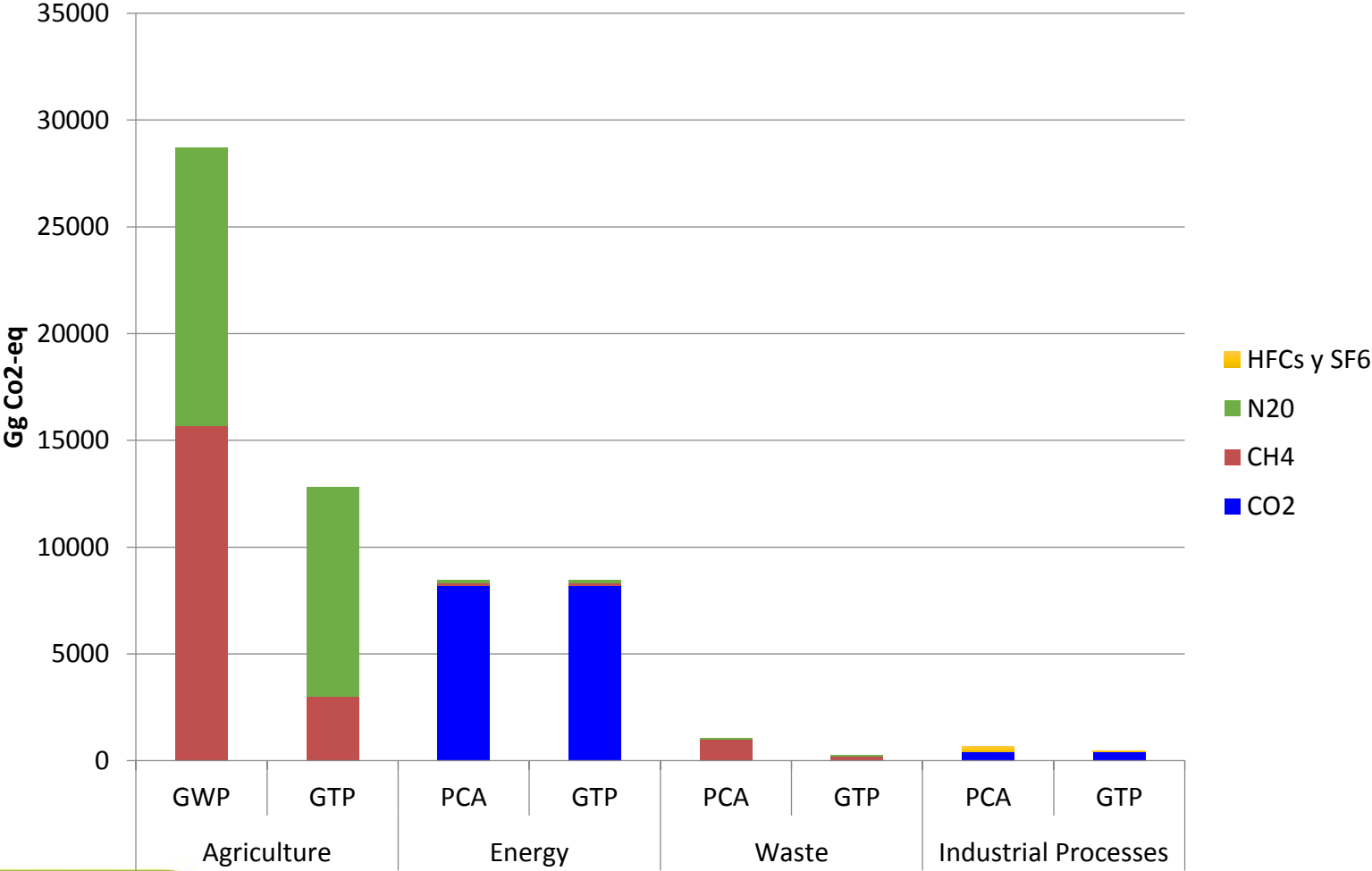
CATEGORÍAS DE GASES DE EFECTO INVERNADERO Y SUMIDEROS		CO ₂	CO ₂	CH ₄	N ₂ O	NO _x	CO	CO ₂ DM	SO ₂	HFCs		PFCs		SF ₆	
		Emisiones	Remociones							P	A	P	A	P	A
Total Nacional de Emisiones y Remociones		6.370	3.749	815	37	53	528	81	46	6,4 x10²	NE	NO	NO	2,9 x10⁴	NE
1 Energía		5.963		5,7	0,39	50	512	58,24	35,62						
A Quema de combustible	Método de referencia	6040													
	Método sectorial	5.963		5,1	0,39	50	512	57	33						
B Emisiones fugitivas de los combustibles				0,62		0,11	0,18	1,2	1,7						
2 Procesos Industriales		407				2,1	7,9	23	10,9	6,4 x10²	NE	NO	NO	2,9 x10⁴	NE
3 Solventes y Usos de otros productos		NE													
4 Agricultura				756	36	0,69	8,0								
5 Cambio en el Uso de la Tierra y Silvicultura			3.749												
6 Residuos				53	0,25										
7 Otros (especificar)															
Partidas informativas															
Bunkers internacionales		1.666		0,13	4,5E-02	40	1,3	3,9	16						
Aviación		1.431		0,13	3,7 x10 ⁻²	39	0,86	3,74	16						
Aviación (Nivel 2 jet)		230		6,9 x10 ⁻³	6,4 x10 ⁻³	0,93	0,59	6,2 x10 ⁻²	4,5 x10 ⁻²						
Marino		235		1,1 x10 ⁻³	7,5 x10 ⁻³	0,73	0,45	0,19	7,4 x10 ⁻²						
Emisiones de CO₂ por quema de biomasa		5.635													

P = Emisiones potenciales (Tier 1). A = Emisiones actuales (Tier 2) NE: No estimado NO: No ocurre

GHG inventory

Sectorial Emissions

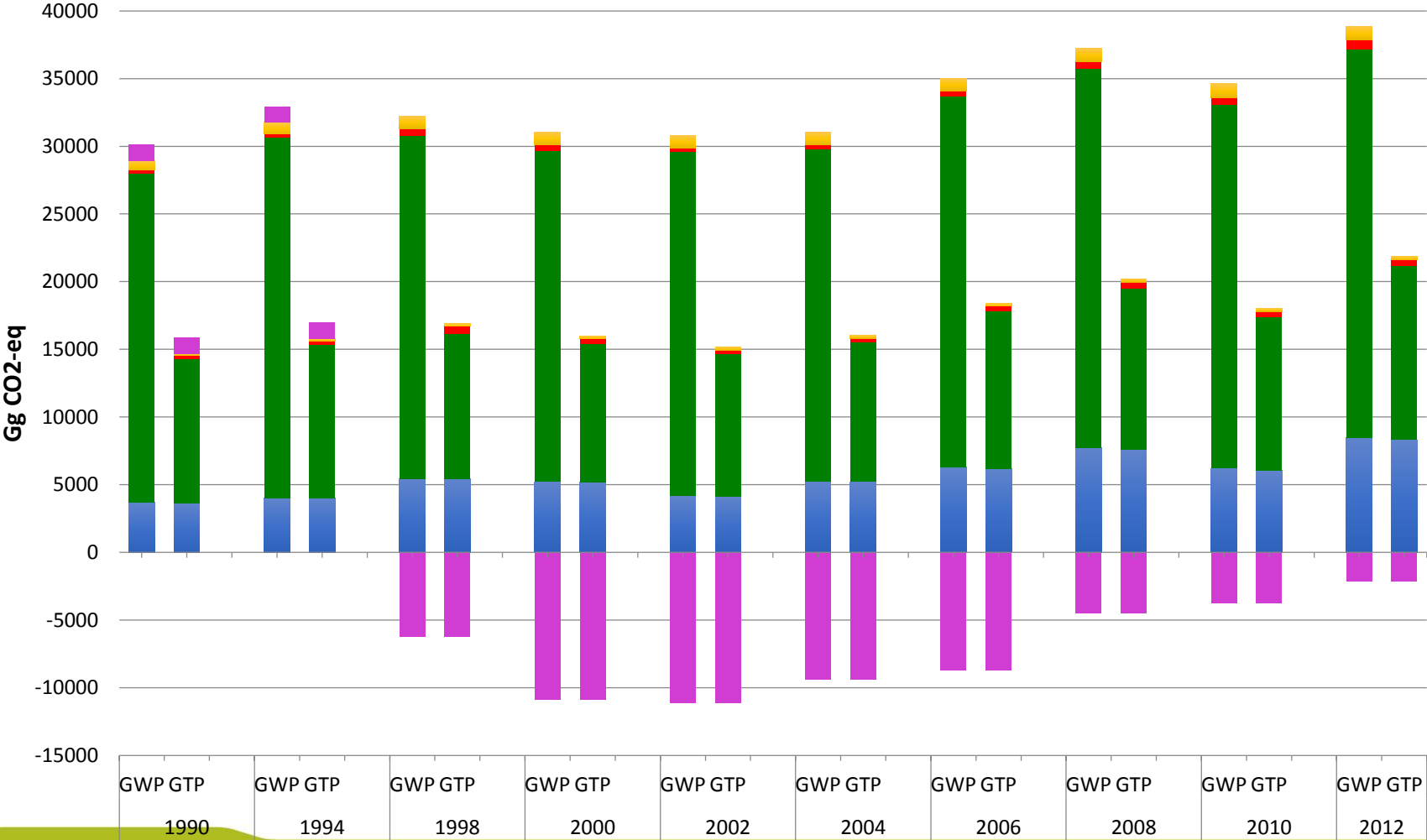
CO2 eq by IPCC metrics



GHG inventory

1990-2010 Evolution of Uruguay's emissions by sector

in CO2 eq by IPCC metrics




Energy Agriculture Industrial Processes Waste LULUCF

Mitigation Policies and Actions

Policies and programs promoting early mitigation actions

- Energy Policy 2008-2030 (reached in 2016: 96% RE; 22% wind: wind: 38 MV in 2010; 1211 MV in 2016)
- Smart Agriculture Policy 2010 (view to reduce methane intensity on beef production by 33% in 2030 from 1990)
- Forestry Incentives (689.000 ha planted; increase in 430% of forested area from 1990s)
- 7 NAMAs submitted to the UNFCCC Registry

Domestic MRV

- National greenhouse gas inventory
 - National Energy Balance and Agriculture Statistics
- 

Support needed

Acciones identificadas	Necesidades		
	Desarrollo de capacidades	Financieras	Tecnología
Almacenamiento energético	X	X	X
Implementación de corredores BRT	X	X	
Introducción de vehículos eléctricos e híbridos	X	X	X
Introducción de vehículos más eficientes	X	X	
Mejora del transporte de carga	X	X	X
Etiquetado de vehículos	X	X	X
Introducción de nuevas tecnologías en la fabricación de cemento	X	X	X
Mejora de los sistemas de tratamiento y disposición final de residuos sólidos urbanos		X	
Mejora de los sistemas de tratamiento de aguas residuales industriales y efluentes		X	
Mejora de la gestión de residuos sólidos industriales y agroindustriales	X	X	X
Aumento de la superficie bajo riego		X	
Mejora de la productividad y de la calidad de la dieta en producción de carne vacuna.	X	X	X
Manejo del estiércol.	X	X	X
Manejo de la inundación en la producción de arroz	X	X	
Uso eficiente de fertilizantes nitrogenados		X	
Aumento de la superficie de plantaciones forestales		X	
Aumento de la superficie de bosque nativo y reducción de su degradación	X	X	

Support received

- Enabling:
 - Financial support to comply with commitments under the UNFCCC (NatComs, 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

Lessons learned of the ICA process

- Strengthening of the NGHGI Working Group
- Improvement of the 2012 NGHGI
- Inputs for the project proposal for the SBUR
- Inputs for the elaboration of the CBIT project

- TTE spoke Spanish
- Support of the Secretariat during the ICA process



Q&As during ICA

- Answers sent on May 15th to the UNFCCC Secretariat (ICA team) to be posted on the ICA platform.
- Summary of main issues of the Q&A (5 Qs from EU; 1 Q from NZ)

Constrains, gaps and improvements in LULUCF

Combination of 1996 and 2006 IPCC guidelines

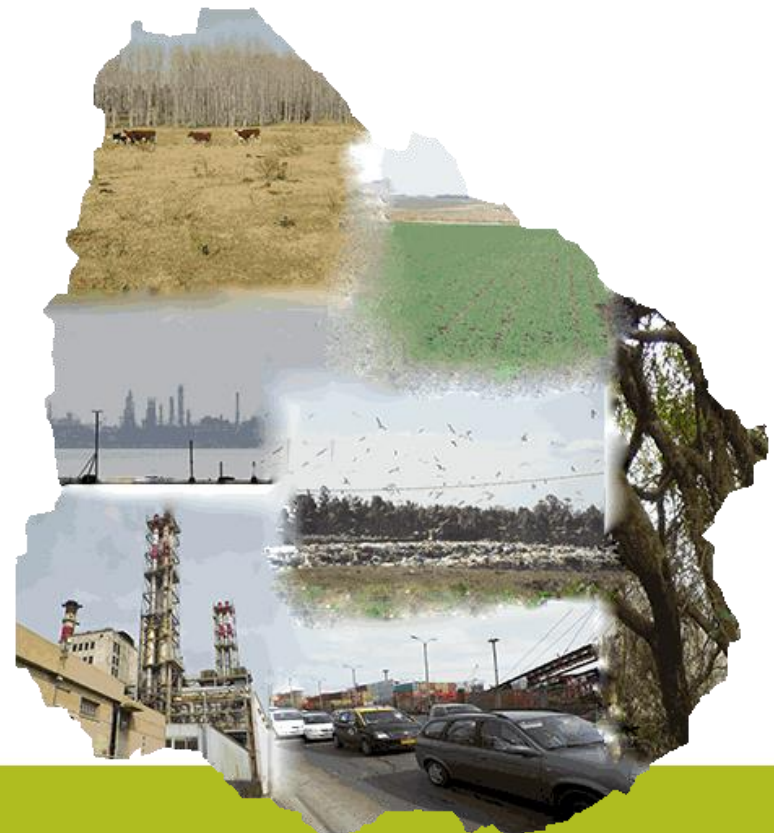
Higher Tier on key categories

Institutional arrangements and MRV systems



MVOTMA

Ministerio de Vivienda
Ordenamiento Territorial
y Medio Ambiente



THANK YOU

Ministry of Housing, Land Planning and Environment
URUGUAY