



Private Sector Entity-level Greenhouse Gas Accounting and Reporting Protocol

Climate Change Office
Climate Change Commission (Philippines)
Website: <http://climate.gov.ph>

The Manila Declaration: Launch & Signing (Oct. 23, 2015)



Hand-over to Philippine Climate Change Commission – 2015 Business Summit, CCC Week



Philippine Chamber of
Commerce and Industry



Empowered lives.
Resilient nations.

Supported by:



Organized by:



Manila Declaration 2015 is the response of Philippine private sector to the global imperative of reducing greenhouse gas emissions and limiting global temperature increase to within 2 degrees Celsius.

MANILA DECLARATION 2015





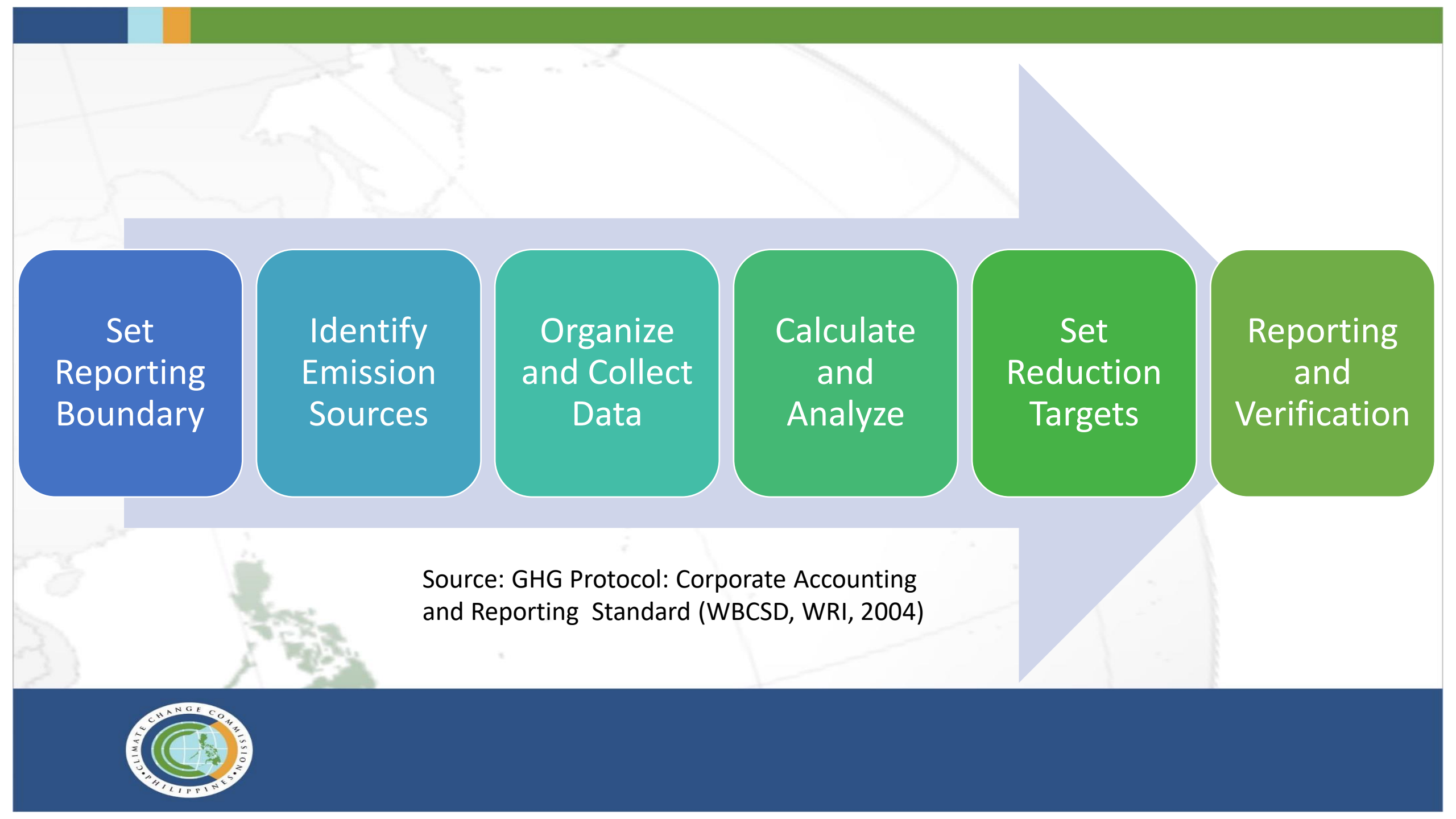
**GHG accounting is an
important first step to
manage your GHG
emissions**

Philippine GHG Inventory and Reporting Protocol

- Provides guidelines on accounting and reporting of GHG emissions at the entity-level
- Ensures GHG reports are comparable and are compatible with international standards and reporting programs
- Avoid double-counting of emissions

Levels	Guidance Accounting and Reporting on:			For Validation, Verification, and Certification
	Direct emissions (Scope 1)	Indirect (Scope 2)	Other Indirect (Scope 3)	
Entity Level	GHG Protocol: Corporate Accounting and Reporting Standards			
		GHG Protocol Scope 2 Guidance	GHG Protocol: Corporate Value Chain Accounting and Reporting Standard	
	Climate Leaders GHG Inventory Protocol			
	ISO 14064 Part 1			





Set
Reporting
Boundary

Identify
Emission
Sources

Organize
and Collect
Data

Calculate
and
Analyze

Set
Reduction
Targets

Reporting
and
Verification

Source: GHG Protocol: Corporate Accounting
and Reporting Standard (WBCSD, WRI, 2004)



Philippine GHG Inventory and Reporting Protocol

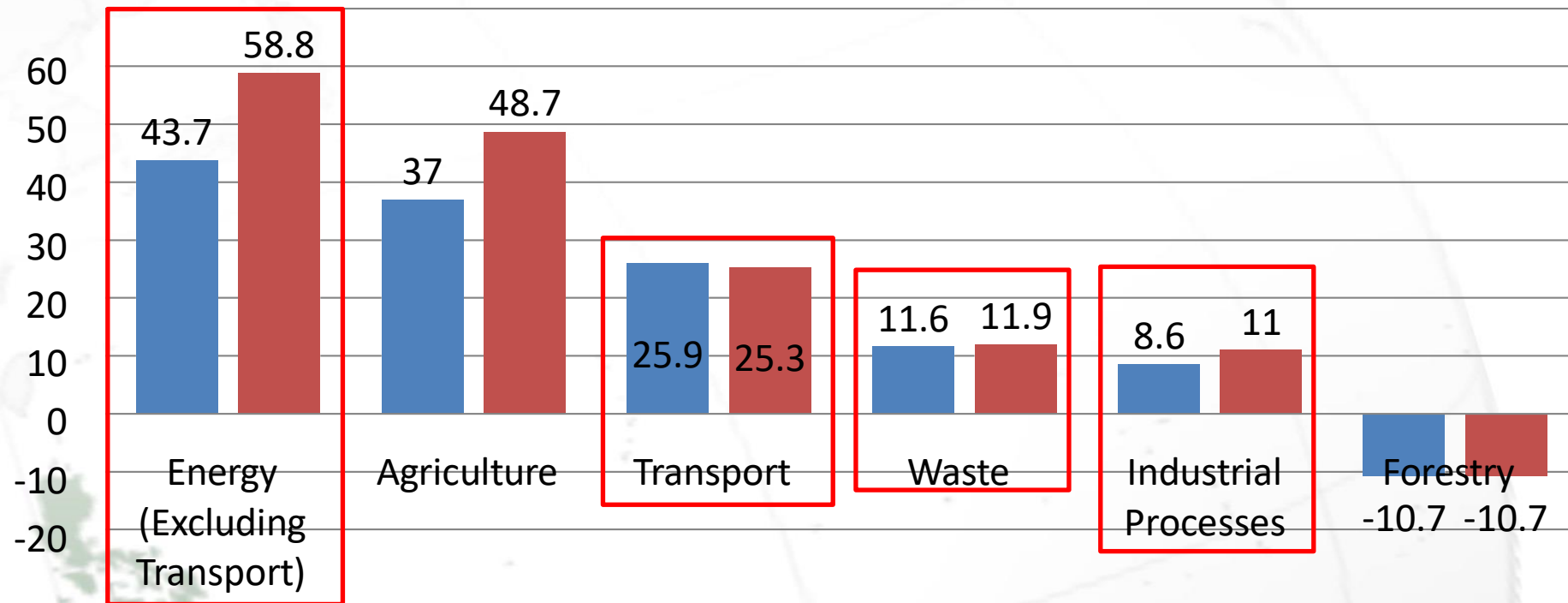
Salient Features

- Voluntary program
- Accounts for emissions from energy use, process emissions and fugitive emissions
- Manual for Business has been developed, and was disseminated during the 2017 Annual Business Summit
- On-line registry being developed, to be launched this year
- Program will be rolled-out when on-line registry is operational
- Will be one of the references for the Recognition Program for Good Practices on Climate Change Mitigation in the Business Sector



2010 Base Year GHG Emissions vs SNC

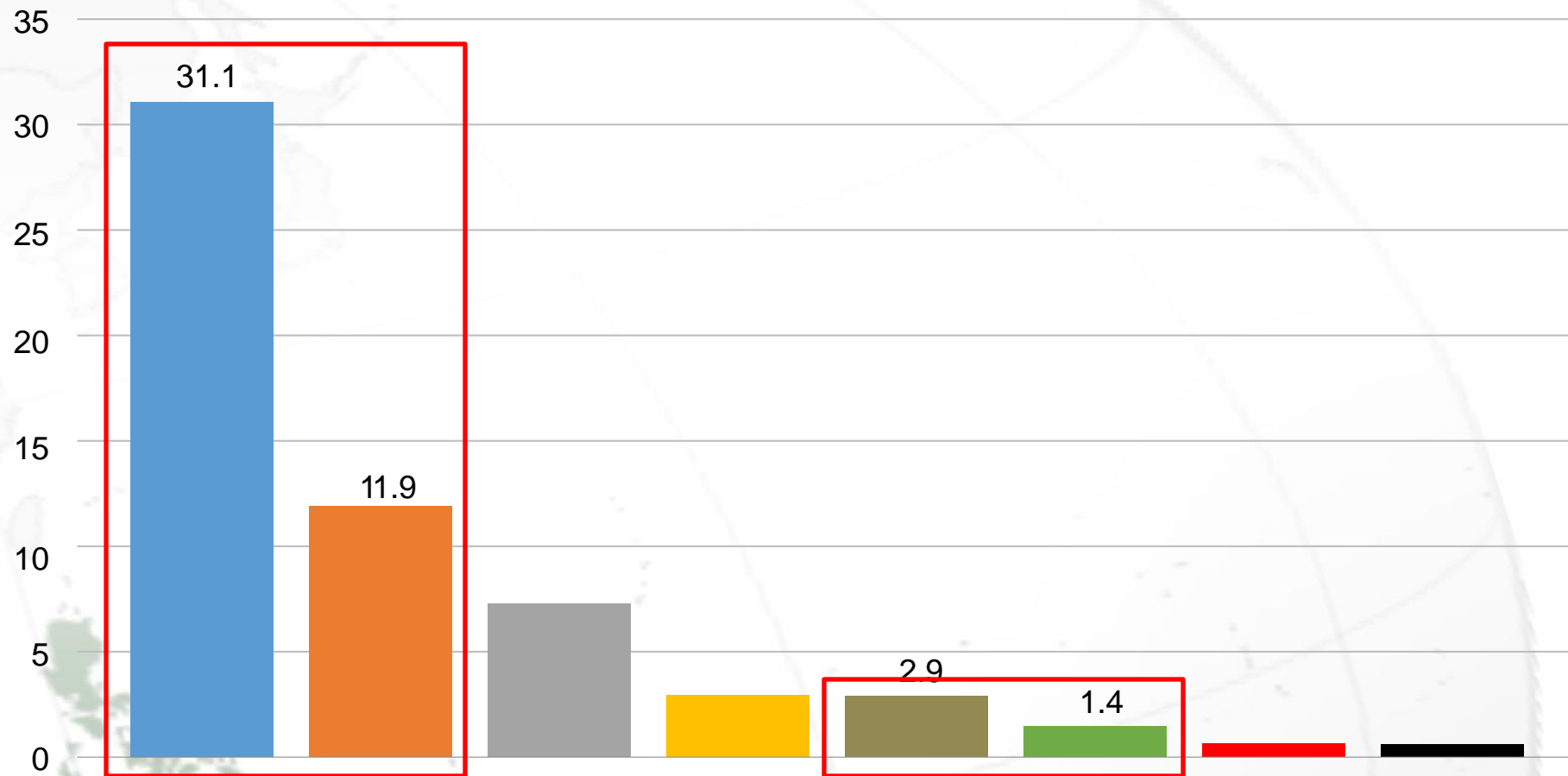
SNC 2000 and CBA 2010 GHG Emissions and Removals for All Sectors
(MtCO₂e)



 - Major Private Sector Contributions

 2000  2010

2010 Base Year GHG Emissions From Energy (Excl. Transport)



On-Grid Electricity Generation

Residential

Commercial

Agriculture, Forestry, and Fishing

Industry

Charcoal Production

Fossil Fuel Production (Oil, Gas, and Coal)

Off-Grid Electricity Generation



DOE Grid Emission Factors (Luzon and Visayas-Mindanao grids) [Annex 6.3]

Emission Factor Database: www.ipcc-nggip.iges.or.jp/EFDB/main.php

Global Warming Potential: IPCC Assessment Report (2nd, 4th, 5th)



Activity Data - SRG

Emission-releasing Activity	Data Source	Activity Data
Combustion of fuel used by stationary sources	Procurement Office, purchase order	Type and Volume of fuel used, liters or cu.m. or barrels
Combustion of fuel used in company-owned vehicles	Fleet Management Office, Trip Ticket	Type and Volume of fuel used, liters or cu.m. or barrels
Combustion of fuel used by off-road, company owned vehicle (equipment)	Procurement Office, purchase order	Type and Volume of fuel used, liters or cu.m. or barrels
Electricity use	Admin. Department, Electricity Bill	MWh, kWh



THANK YOU
evangelistaas.ccc@gmail.com

