

## Provision of support on MRV and transparency: an analysis at the inputs collected by the MRV Group of Friends and the CBIT platform

Damiano Borgogno

May 21<sup>st</sup>, 2019







# **Data collection**

#### Organizations that provided data this year:

- Government of Belgium
- Government of Canada
- Center for Clean Air Policy
- Conservation International
- FAO
- Global Green Growth Institute
- GHG Management Institute
- GIZ
- Greenhouse Gas Inventory & Research Center of Korea
- Government of Italy
- IGES
- IPCC TFI
- JICA
- National Institute for Environmental Studies of Japan
- Swedish Environmental Protection Agency (SEPA)
- UNDP
- UNEP DTU Partnership
- UNFCCC
- UNOPS/ICAT
- WRI
- Government of the United States



### Group of Friends Table of Activities

# Still some issues for consideration:

GLOBAL SUPPORT PROGRAMME

- For the future, it would be useful if we could more clearly divide type of activities: projects/workshops/knowledge material/clusters
- Some organizations were very specific in their data, others not that much... this ends up making a huge difference
- The more specific the data, the easier to categorize and understand initiatives, activities, impacts and results
- It is sensitive but include financial information could further enhance understanding on investments vs results
- Even though the information was here revised a lot of times, much more work has to be done. Key to enhance and validate the classification of data

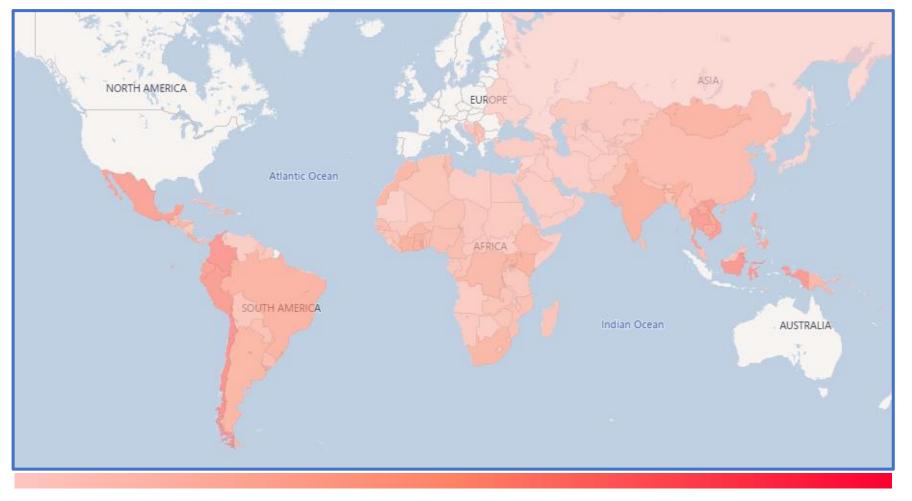
The following information is not perfect, but indeed it provides a clear input on what is happening in terms of provision of support on transparency

#### Activities not considered:

Activities	Country	Friends	Main Area
Version 2.54 of Inventory Software implements Tier 2 methods in the 2006 IPCC Guidelines for most categories under Energy, Industrial Processes & Product Use and Waste Sectors. Development of Tier 2 worksheets for Agriculture, Forestry and Other Land Use (AFOLU) Sector in the IPCC Inventory Software was completed for the livestock categories in 2018. The work for the LULUCF part of the AFOLU Sector will commence in mid-2019, and it is anticipated that it will be completed by late 2019.	Others	IPCC TFI	GHG Inventory Tools and methodologies
Thematic Working Group (TWG) on Agriculture, Food Security and Land Use of the NDC Partnership	Others	FAO	NDCs
The workbook and toolkit can help design, plan, assess, and operationalize more sustainable national greenhouse gas inventory systems. The tools are available to all countries and have also been integrated in to the CGE training materials.	Others	(Government of the) United States	GHG Inventory Tools and methodologies
The Coalition on Paris Agreement Capacity Building	Others	GHG Management Institute	Capacity Building Initiative of Transparency
Supporting the implementation of the Koronivia Joint Work on Agriculture roadmap (Boosting Koronivia)	Others	FAO	Dialogue and cooperation
Support the NDC partnership	Others	GIZ	NDCs
Support and provide tools on mitigation of GHG in agriculture	Others	FAO	GHG inventory (sector-specific)
Research & Development Coordination: Advances priority research and development outcomes to support improvements to the MRV of land sector emissions	Others	CI FAO (Government of) Australia	GHG inventory (sector-specific)
Regional workshops and dialogues	Others	WRI	Enhanced Transparency Framework
Quality Assurance Global Stocktake Workshop	Others	UNFCCC	GHG inventory QA/QC review
Private-Sector Workshops	Others	GHG Management Institute	Training
Occasional updates of answers to Frequently Asked Questions (FAQs) at the IPCC TFI website	Others	IPCC TFI	GHG Inventory Tools and methodologies
Methods and Guidance Documentation: Provides best practice guidance for the design and implementation of MRV systems that meets international reporting requirements.	Others	CI FAO (Government of) Australia	Training
Memorandum of Understanding (MoU) with UNFCCC	Others	FAOJUNFCCC	GHG inventory (sector-
Translation of the GHGMI on- line courses on IPCC 2006 Guidelines into French	Tunisia	(Federal Government of) Belgium	GHG inventory
Translation (Spanish) IPCC Guidelines Course Series in Spanish	Argentina	Institute	Tools and methodologies GHG inventory

Activities	Country	Friends	Main Area
		Institute	methodologies
Informal CGE forum on the support for MRV/transparency		UNFCCC	MRV Enhanced Transparency Framework Peer-to- peer exchange platform
Global training workshop on FLINT (Moja global) for all countries who have undergone a Quality Assurance of their GHG inventory	Others	UNFCCC	GHG inventory QA/QC review
Experts in the RoE	Others	(Government of) Belgium	QA/QC review GHG Inventory Biennial Update Reports
ERT and NC and BUR Training	Others	GHG Management Institute	Training Biennial Update Reports
Data Coordination: Works to faciliate the supply and accesibility of remote sensed data to support forest MRV systems in developing countries	Others	CI FAO (Government Australia	of) GHG inventory (sector-specific)
CBIT implementation- Global FAO (AFOLU)	Others	FAO	Capacity Building Initiative of Transparency
CBIT implementation- CBIT Global Coordination Platform	Others	UNDPJUNEP DTUJ	Capacity Building Initiative of Transparency
Capacity Building: Works with countries to develop MRV systems that meet international reporting requirements	Others	CI FAO (Government Australia	of) MRV System
BUR Database	Others	IGES	Biennial Update Reports
Assessment on the national and global implementation of the PA	Others	NewClimate Institute	GHG inventory
Assessing transparency capacities of developing countries by establishing global databases	Others	GHG Management Institute	Tools and methodologies
Annual Expert Meetings to collect EFDB and Software users' feedback	Others	IPCC TFI	GHG Inventory Tools and methodologies
Advancing the knowledge exchange platform for the agriculture and land sector under climate change (Climate and Land Hub)	Others	FAO	Tools and methodologies
A new upgraded offline version of the IPCC Emission Factor Database (EFDB), with addition of recently approved emission factors, is planned to be released by the end of 2019.	Others	IPCC TFI	GHG Inventory Tools and methodologies
(TBC) Workshop: preparation of new/updated NDCs in light of decision 4/CMA.1 and 18/CMA.1 (Pacific)	Others	UNFCCC	NDCs Enhanced Transparency Framework
(TBC) Side event: Showcasing support for the implementation of the MRV arrangements and transparency framework	Others	UNFCCC	MRV Enhanced Transparency Framework Peer-to- peer exchange platform
(TBC) Side event: Quality assurance of the national GHG management systems and national GHG inventories of developing countries	Others	UNFCCC	GHG inventory QA/QC review
TBC) Side event: Preparation of new/updated NDCs	Others	UNFCCC	NDCs
TBC) CGE side event: Responding to needs to implement the enhanced transparency framework	Others	UNFCCC	MRV Enhanced Transparency Framework Peer-to- peer exchange platform

#### **Global Information**



0 Activities

23 Activities

N. Activities



Under Implementation + Concept Stage





# **Data by Regions**

- Africa
- Asia
- Caribbean
- Europe and Caucasus
- Latin America
- Pacific

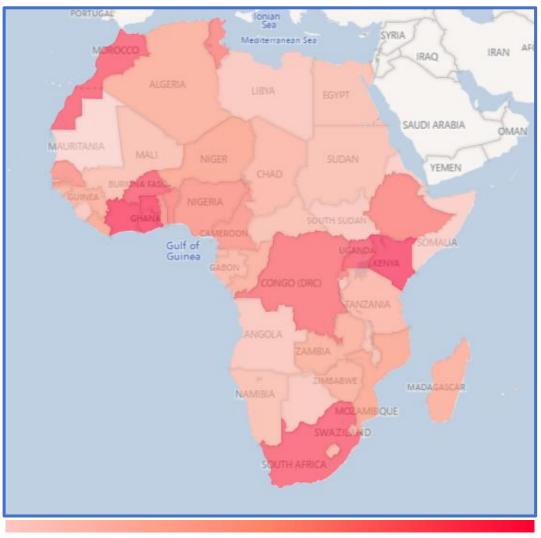
+

Knowledge products and translated material



# Africa

N Activities: 171





#### **Top Countries (N. Activities)**

	Country	N. Activities	BUR submission	% Emission
1	Côte d' Ivoire	16	BUR	0.07%
2	Ghana	16	2BUR	0.07%
3	Kenya	15	OBUR	0.13%
4	Morocco	14	BUR	0.18%
5	South Africa	14	2BUR	1.15%
6	Uganda	14	OBUR	0.07%

## Côte d'Ivoire Summary



Activities	Country	Friends	Main Area
Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the African Region	Côte d'Ivoire	UNFCCC	GHG inventory
West African Network on MRV	Côte d'Ivoire	UNDP	MRV System  Dialogue and cooperation
Supporting Parties with NDC implementation	Côte d'Ivoire	(Federal Government of) Belgium	NDCs (GHG inventory, integration of climate change in policy processes)
Regional training workshop on institutionalization of data management for GHG inventory - African region	Côte d'Ivoire	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Côte d'Ivoire	Côte d'Ivoire	UNDPJUNFCCC	GHG inventory QA/QC Review
Online IPCC 2006 Guidelines Course Training	Côte d'Ivoire	UNDP	GHG inventory  Training
NDC Support Cote d'Ivoire:Assessment of NDC progress	Côte d'Ivoire	UNDP	NDCs
MRV for REDD+ training: Participants use the GFOI REDDcompass tool to conduct self- identified gap analysis for their national MRV systems and ensure country ownership of the MRV development process.	Côte d'Ivoire	CI FAO (Government of) Australia	GHG inventory (sector- specific) Training
GIR GHG Training Program 2017	Côte d'Ivoire	Greenhouse Gas Inventory & Research Center of Korea	GHG Inventory Training
Fourth National Communication of Côte d'Ivoire	Côte d'Ivoire	UNEP	National Communications  Fourth National Communication
Dialogue and cooperation: climate change mainstreaming and poverty reduction	Côte d'Ivoire	European Commission	Dialogue and cooperation

Development of methane to use projects in 3 sectors: biogas (including from agriculture, municipal solid waste, and wastewater) coal mine methane, and oil and gas.	Côte d'Ivoire	(Government of the) United States	Mitigation Actions Tools and methodologies
Develop technical and functional capacities for National Forest Inventories	Côte d'Ivoire	FAO	GHG inventory (sector-specific)
Cluster Francophone of the PATPA	Côte d'Ivoire	GIZ	Dialogue and cooperation
CBIT implementation of Côte d'Ivoire	Côte d'Ivoire	UNDP	Capacity Building Initiative of Transparency
Capacity building for Francophone countries	Côte d'Ivoire	(Federal Government of) Belgium	Enhance transparency framework

First Biennial Update Report of Côte d'Ivoire	Côte d'Ivoire	UNEP	Biennial Update Reports First Biennial Update Report

## **Ghana Summary**



Activities	Country	Friends	Main Area
Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the African Region	Ghana	UNFCCC	GHG inventory
West African Network on MRV	Ghana	UNDP	MRV System  Dialogue and cooperation
Support the BUR implementation	Ghana	GIZ	Biennial Update Reports
Regional training/peer exchange; guidelines and tools for national planning; institutional strengthening support and training; HFC inventories. Countries noted are those involved in HFC inventory development.	Ghana	UNEP  (Government of the) United States	Tools and methodologies GHG inventory (sector- specific)
Regional training workshop on institutionalization of data management for GHG inventory - African region	Ghana	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Ghana	Ghana	UNDPJUNFCCC	GHG inventory QA/QC Review
Private sector reporting system	Ghana	WRI	MRV System Enhance Transparency Framework
NDC Support Ghana:Sectoral MRV system	Ghana	UNDP	NDCs  MRV System
Management of Ozono Depleting	Ghana	GIZ	GHG inventory (sector-specific)
ICAT support to countries to strengthen national transparency system (Ghana)	Ghana	UNEP DTUJUNOPSJ	Enhance Transparency Framework  Policy Making
GIR GHG Training Program 2017	Ghana	Greenhouse Gas Inventory & Research Center of Korea	GHG Inventory Training
Fourth National Communication of Ghana	Ghana	UNEP	National Communications  Fourth National

Development of methane to use projects in 3 sectors: biogas (including from agriculture, municipal solid waste, and wastewater) coal mine methane, and oil and gas.	Ghana	(Government of the) United States	Mitigation Actions Tools and methodologies
Develop technical and functional capacities for National Forest Inventories	Ghana	FAO	GHG inventory (sector-specific)
CBIT implementation of Ghana	Ghana	UNEP	Capacity Building Initiative of Transparency
Anglophone African Group of the PATPA	Ghana	GIZ	Dialogue and cooperation

Second Biennial Update Report of Ghana	Ghana	UNEP	Biennial Update Reports Second Biennial Update Report
NDC Support Ghana: CC Hub online system (GHG, registry)	Ghana	UNDP	NDCs  GHG inventory   MRV System
Development of MRV systems	Ghana	European Commission	MRV System

# **Asia** N. Activities: 127





## **Top Countries (N. Activities)**

	Country	N. Activities	BUR submission	% Emission
1	Indonesia	23	2BUR	1.73%
2	Thailand	20	2BUR	0.78%
3	Vietnam	20	2BUR	0.59%
4	Cambodia	18	OBUR	0.06%
5	Lao People's Democratic Republic	18	OBUR	0.03%
6	Philippines	18	OBUR	0.40%

0 Activities

## Indonesia Summary

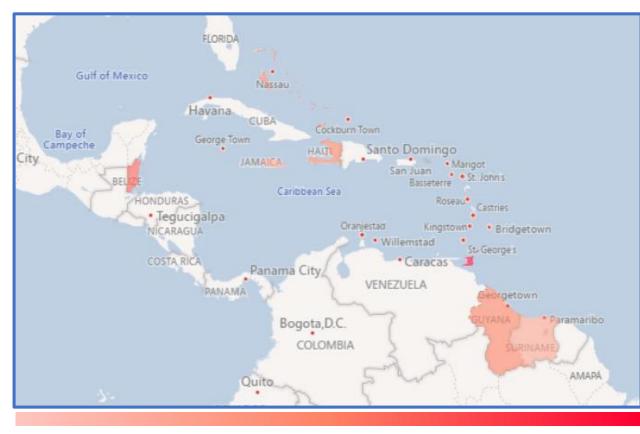
Activities	Country	Friends	Main Area
Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Asia- Pacific and Eastern European Regions	Indonesia	UNFCCC	GHG inventory
Workshop on GHG Inventories in Asia (WGIA)	Indonesia	NIES	GHG inventory
Third Biennial Update Report of Indonesia	Indonesia	UNDP	Biennial Update Reports Third Biennial Update Report
Terrestrial Carbon Accounting International Academic Partnership (TCAICP)	Indonesia	GHG Management Institute	Tools and methodologies
Support MRV systems of Indonesia	Indonesia	JICA	MRV System
Strengthen MRV framework by tracking NDCs	Indonesia	WRI	MRV System
SilvaCarbon capacity-building activities : national forest inventories, remote sensing, and terrestrial GHG inventories	Indonesia	(Government of the) United States	GHG inventory (sector- specific) MRV
Regional training/peer exchange; guidelines and tools for national planning; institutional strengthening support and training; HFC inventories. Countries noted are those involved in HFC inventory development.	Indonesia	UNEP (Government of the) United States	Tools and methodologies GHG inventory (sector- specific)
Regional training workshop on institutionalization of data management for GHG inventory - Asia Pacific and Eastern European region	Indonesia	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
NDC Dialogue for the Asia-Pacific Region	Indonesia	UNFCCC	NDCs Enhance transparency framework
MRV system for mitigation measures in Indonesia	Indonesia	GIZ	GHG inventory
GIR GHG Training Program 2017	Indonesia	Greenhouse Gas Inventory & Research Center of Korea	GHG Inventory Training
Fourth National Communication of Indonesia	Indonesia	UNDP	National Communications  Fourth National Communication

Establishment of a national MRV system in Indonesia	Indonesia	GGGI	MRV System
Development of methane to use projects in 3 sectors: biogas (including from agriculture, municipal solid waste, and wastewater) coal mine methane, and oil and gas.	Indonesia	(Government of the) United States	Mitigation Actions Tools and methodologies
Develop technical and functional capacities for National Forest Inventories	Indonesia	FAO	GHG inventory (sector-specific)
Develop mitigation pathways in support of NDC implementation	Indonesia	Energy research Centre of the Netherlands (ECN)	NDCs
Develop and improve CITC's training courses, including those for GHG inventory,	Indonesia	JICA	GHG inventory
Cooperation on Indonesia's GHG inventory and supporting information systems	Indonesia	(Government of) Australia	GHG inventory
Climate Governance Indonesia	Indonesia	GIZ	MRV System
Asian-Pacific Regional Group of the PATPA	Indonesia	GIZ	Dialogue and cooperation
Asian Knowledge-sharing workshop on International Market Mechanisms and Transparency under the Paris Agreement	Indonesia	IGES	Enhanced Transparency Framework
ASEAN MRV Framework	Indonesia	UNDP (Government of) Australia (Government of) Singapore	MRV System  Dialogue and cooperation

Support the implementation of NAMAs	Indonesia	Center for Clean Air Policy (CCAP)	Finance mechanisms
NDC Support Indonesia:Climate budget tagging	Indonesia	UNDP	NDCs Finance mechanisms
NDC Support Indonesia: Sub-national Climate Public Expenditure and Investment Review (CPEIR) (6 provinces)	Indonesia	UNDP	NDCs Finance mechanisms
NDC Support Indonesia: Climate Public Expenditure and Investment Review (CPEIR)	Indonesia	UNDP	NDCs Finance mechanisms
Develop strategies for financing mitigation activities	Indonesia	Ecofys Germany GmbH	Mitigation Actions

#### Caribbean

#### N. Activities: 43



0 Activities

13 Activities



#### **Top Countries (N. Activities)**

	Country	N. Activities	<b>BUR submission</b>	% Emission
1	Trinidad and Tobago	13	OBUR	0.06%
2	Belize	10	OBUR	0.02%
3	Guyana	9	OBUR	0.01%
4	Haiti	9	OBUR	0.02%
5	Bahamas	9	OBUR	0.01%

# Trinidad and Tobago Summary



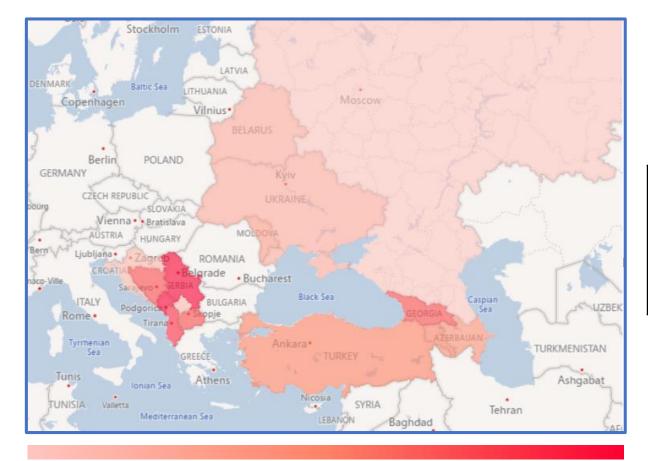
Activities	Country	Friends	Main Area
▼ Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Latin America and the Caribbean Region	Trinidad and Tobago	UNFCCC	GHG inventory
Third National Communication of Trinidad and Tobago	Trinidad and Tobago	UNDP	National Communications  Third National Communication
Regional training workshop on institutionalization of data management for GHG inventory - Latin America and the Caribbean region	Trinidad and Tobago	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Trinidad and Tobago	Trinidad and Tobago	UNFCCC	GHG inventory QA/QC Review
Private sector reporting system	Trinidad and Tobago	WRI	MRV System Enhance Transparency Framework
Online IPCC 2006 Guidelines Course Training	Trinidad and Tobago	UNDPJ	GHG inventory  Training
NDC Support Trinidad & Tobago :National MRV system	Trinidad and Tobago	UNDP	NDCs  MRV System
NDC Dialogue for the LAC region	Trinidad and Tobago	UNFCCC	NDCs Enhance transparency framework
ICAT support to countries to strengthen national transparency system (Trinidad & Tabago)	Trinidad and Tobago	UNEP DTUJUNOPSJ	Enhance Transparency Framework  Policy Making
GIR GHG Training Program 2017	Trinidad and Tobago	Greenhouse Gas Inventory & Research Center of Korea	GHG Inventory Training
First Biennial Update Report of Trinidad and Tobago	Trinidad and Tobago	UNDP	Biennial Update Reports First Biennial Update Report

Caribbean Cooperative MRV Hub (CCMRVH)	Trinidad and Tobago	GHG Management Institute RCC St.George's   UNDP	MRV System
(TBC) Workshop: preparation of new/updated NDCs in light of decision 4/CMA.1 and 18/CMA.1 (Caribbean)	Trinidad and Tobago	UNFCCC	NDCs Enhance transparency framework

NDC Support Trinidad & Tobago :Legal	Trinidad and	UNDP	NDCs Policy
framework for Climate Change Budget Code	Tobago		Making

#### **Europe and Caucasus**

#### N. Activities: 41



# GLOBAL SUPPORT PROGRAMME

#### **Top Countries (N. Activities)**

	Country	N. Activities	<b>BUR submission</b>	% Emission
1	Serbia	11	BUR	0.11%
2	Montenegro	10	2BUR	0.01%
3	Albania	9	OBUR	0.02%
4	Bosnia and Herzegovina	8	2BUR	0.06%
5	Georgia	8	BUR	0.04%
6	North Macedonia	8	2BUR	0.03%

0 Activities

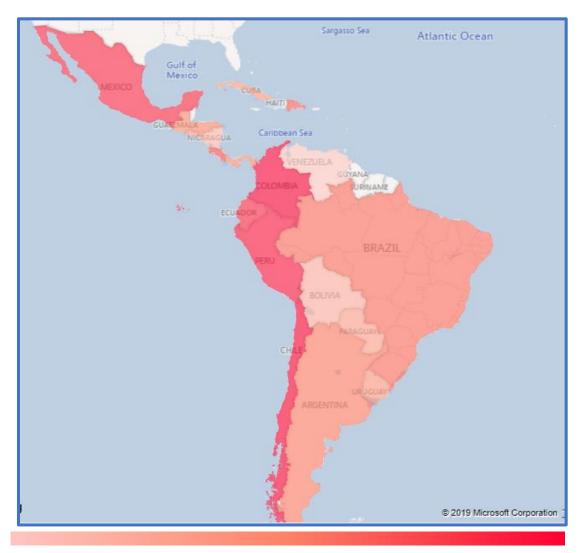
## Serbia Summary

Activities	Country	Friends	Main Area
Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Asia- Pacific and Eastern European Regions	Serbia	UNFCCC	GHG inventory
Third National Communication of Serbia	Serbia	UNDP	National Communications  Third National Communication
Second Biennial Update Report of Serbia	Serbia	UNDP	Biennial Update Reports First Biennial Update Report
Regional training workshop on institutionalization of data management for GHG inventory - Asia Pacific and Eastern European region	Serbia	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Serbia	Serbia	UNFCCC	GHG inventory QA/QC Review
Online IPCC 2006 Guidelines Course Training	Serbia	UNDPJ	GHG inventory  Training
Implementation of the Paris Agreement 2	Serbia	European Commission	Policy Making
Implementation of the Paris Agreement	Serbia	European Commission	Policy Making
Gender Mainstreaming in the Balkan Countries	Serbia	UNDP	MRV System Gender Mainstreaming   Dialogue and cooperation
Development of methane to use projects in 3 sectors: biogas (including from agriculture, municipal solid waste, and wastewater) coal mine methane, and oil and gas.	Serbia	(Government of the) United States	Mitigation Actions Tools and methodologies
CBIT implementation of Serbia	Serbia	UNDP	Capacity Building Initiative of Transparency



# **Latin America**

N. Activities: 88





#### **Top Countries (N. Activities)**

	Country	N. Activities	BUR submission	% Emission
1	Chile	23	3BUR	0.21%
2	Colombia	21	2BUR	0.36%
3	Peru	20	BUR	0.20%
4	Ecuador	19	BUR	0.13%
5	Mexico	19	2BUR	1.58%

0 Activities

## **Chile Summary**

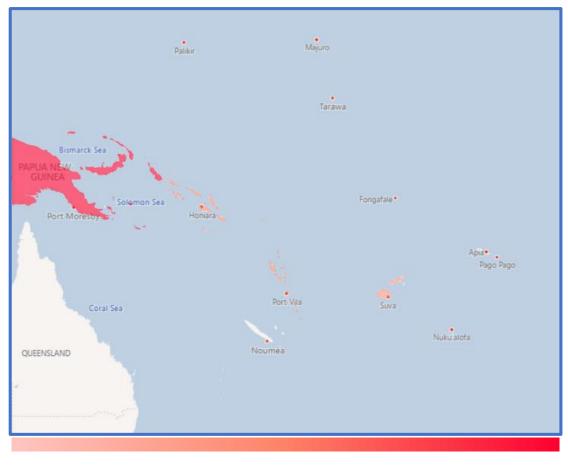
Activities	Country	Friends	Main Area
Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Latin America and the Caribbean Region	Chile	UNFCCC	GHG inventory
Third Biennial Update Report of Chile	Chile	UNDP	Biennial Update Reports Third Biennial Update Report
Support the BUR implementation	Chile	GIZ	Biennial Update Reports
Support NDC implementation in Pacific Alliance countries	Chile	(Government of) Canada	NDCs   MRV System
Support NDC implementation in Chile	Chile	(Government of) Canada	NDCs   MRV System
Regional training/peer exchange; guidelines and tools for national planning; institutional strengthening support and training; HFC inventories. Countries noted are those involved in HFC inventory development.	Chile	UNEP (Government of the) United States	Tools and methodologies GHG inventory (sector- specific)
Regional training workshop on institutionalization of data management for GHG inventory - Latin America and the Caribbean region	Chile	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Chile	Chile	UNDP	GHG inventory QA/QC Review
Private sector reporting system	Chile	WRI	MRV System Enhance Transparency Framework
Online IPCC 2006 Guidelines Course Training	Chile	UNDP	GHG inventory  Training
NDC Support Chile:Participation scaled up in voluntary carbon footprinting (HuellaChile)	Chile	UNDP	NDCs
NDC Support Chile: Voluntary Carbon Management Program (HuellaChile)	Chile	UNDP	NDCs
NDC Support Chile: Climate budget tagging	Chile	UNDP	NDCs Finance mechanisms

NDC Dialogue for the LAC region	Chile	UNFCCC	NDCs Enhance transparency framework
Latin American Network on GHG Inventory	Chile	UNDP	MRV System  GHG Inventory  Dialogue and cooperation
Latin American Knowledge-sharing Workshop on International Market Mechanisms and Transparency under the Paris Agreement	Chile	IGES	Enhanced Transparency Framework
Latin America and Caribbean Regional Group of the PATPA	Chile	GIZ	Dialogue and cooperation
Integration of climate change in public development	Chile	European Commission	Policy Making
GIR GHG Training Program 2017	Chile	Greenhouse Gas Inventory & Research Center of Korea	GHG Inventory Training
Fourth National Communication of Chile	Chile	UNDP	National Communications  Fourth National Communication
Development of methane to use projects in 3 sectors: biogas (including from agriculture, municipal solid waste, and wastewater) coal mine methane, and oil and gas.	Chile	(Government of the) United States	Mitigation Actions Tools and methodologies
Develop technical and functional capacities for National Forest Inventories	Chile	FAO	GHG inventory (sector-specific)
CBIT implementation of Chile	Chile	UNEP	Capacity Building Initiative of Transparency

Support the implementation of NAMAs	Chile	Center for Clean Air Policy (CCAP)	Finance mechanisms
NDC Support Chile: National MRV system	Chile	UNDP	NDCs  MRV System
NDC Support Chile: Climate Public Expenditure and Investment Review (CPEIR)	Chile	UNDP	NDCs Finance mechanisms
NDC Support Chile :National GHG Inventory System (www.snichile.cl)	Chile	UNDP	NDCs

# Pacific

#### N. Activities: 38



#### **Top Countries (N. Activities)**

	Country	N. Activities	<b>BUR</b> submission	% Emission
1	Papua New Guinea	13	OBUR	0.04%
2	Vanuatu	8	OBUR	0.00%
3	Solomon Island	8	OBUR	0.00%
4	Fiji	7	OBUR	0.00%
5	Samoa	7	OBUR	0.00%

0 Activities

#### Papua New Guinea Summary

Activities	Country	Friends	Main Area
Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Asia- Pacific and Eastern European Regions	Papua New Guinea	UNFCCC	GHG inventory
Third National Communication of Papua New Guinea	Papua New Guinea	UNEP	National Communications  Third National Communication
Regional training workshop on institutionalization of data management for GHG inventory - Asia Pacific and Eastern European region	Papua New Guinea	UNFCCC	GHG inventory MRV System  Institutional arrangements Data management
Quality Assurance of the National Greenhouse Gas Inventory Management System and National Greenhouse Gas Inventories of Papua New Guinea	Papua New Guinea	UNFCCC	GHG inventory QA/QC Review
Pacific MRV Framework	Papua New Guinea	UNDP	MRV System Dialogue and cooperation

On-site capacity development support for GHG inventory preparation of Papua New Guinea	Papua New Guinea	JICA	GHG inventory
NDC Dialogue for the Asia-Pacific Region	Papua New Guinea	UNFCCC	NDCs Enhance transparency framework
Management of Ozono Depleting	Papua New Guinea	GIZ	GHG inventory (sector-specific)
GIR GHG Training Program 2017	Papua New Guinea	Greenhouse Gas Inventory & Research Center of Korea	GHG Inventory Training
First Biennial Update Report of Papua New Guinea	Papua New Guinea	UNEP	Biennial Update Reports First Biennial Update Report
Dialogue and cooperation: climate change mainstreaming and poverty reduction	Papua New Guinea	European Commission	Dialogue and cooperation
Develop technical and functional capacities for National Forest Inventories	Papua New Guinea	FAO	GHG inventory (sector-specific)
CBIT implementation of Papua New Guinea	Papua New Guinea	FAO	Capacity Building Initiative of Transparency

# **Countries- Less support received**

Country	N. Activities
Palestine	2
Israel	2
Democratic Republic of Korea	3
<b>United Arab Emirates</b>	3
Moldova	4
Mauritania	4
Cook Islands	4

Country	N. Activities
	5
Azerbaijan	
Bahrain	5
Barbados	5
Brunei Darussalam	5
Eritrea	5
Iran	5
Iraq	5
Nieu	5
Oman	5
Palau	5
Somalia	5
Tonga	5
Turkmenistan	5
Tuvalu	5

# **Top 10 Emitters vs. N. Activities**

# GHG Emissions communicated by Developing Countries by CAIT<sup>2</sup>

	Country	N. Activities	BUR submission	% Emission
1	China	12	BUR	26.04%
2	India	16	2BUR	6.73%
3	Brazil	15	3BUR	2.30%
4	Indonesia	23	2BUR	1.73%
5	Iran	5	OBUR	1.60%
6	Mexico	19	2BUR	1.58%
7	South Korea	6	2BUR	1.47%
8	Saudi Arabia	6	BUR	1.28%
9	South Africa	14	2BUR	1.15%
10	Thailand	20	2BUR	0.78%

# Some final thoughts (1)



- In some cases, there is a correlation between support received and results achieved (e.g. Chile), in some others there is not (e.g. Philippines)
- ii. How to measure "achievement"? is BUR submission a good proxy? A starting point for the next presentation
- iii. Do following initiatives build up on previous ones or some duplications exist? Do support providers discuss among each others on this before starting an initiative in a new country?
- iv. Some regions attract less interest than others, for example Middle East and Central Asia. Is this an issue?
- V. Out of the scope of this effort: NDC implementation how is the support provision there linked with the one on transparency?

# Some final thoughts (2)



- This has been a massive effort to gather and compile information but it should and could improve over time
- Can this data provide valuable inputs in decision making?
- To continue this initiative it is essential to have an active and reliable person willing to provide data every 6 months – is there appetite for this?
- If yes to both questions:
  - importance of having a compilator (a focal point to gather and provide info) in each organization
  - UNDP willing to facilitate the gathering and drafting of such data report, twice a year, before the meetings of the Group of Friends.
- <u>More friends, more complete information</u> encourage a more participatory approach from organizations who have not provided yet updated info
- Is this data sensitive? How should it be managed?