

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

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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

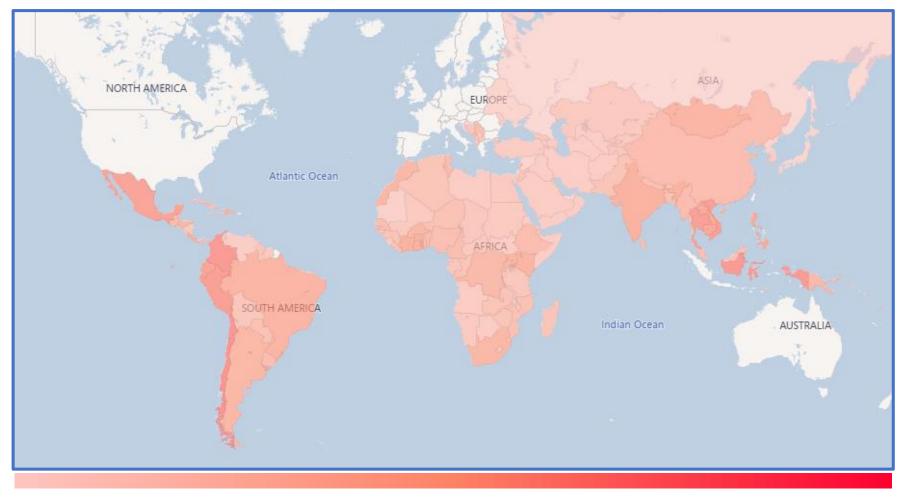
The following information is not perfect, but indeed it provides a clear input on what is happening in terms of provision of support on transparency

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

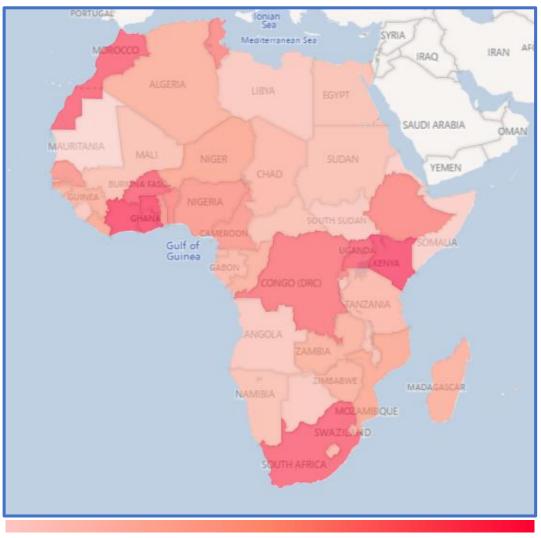
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Knowledge products and translated material



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

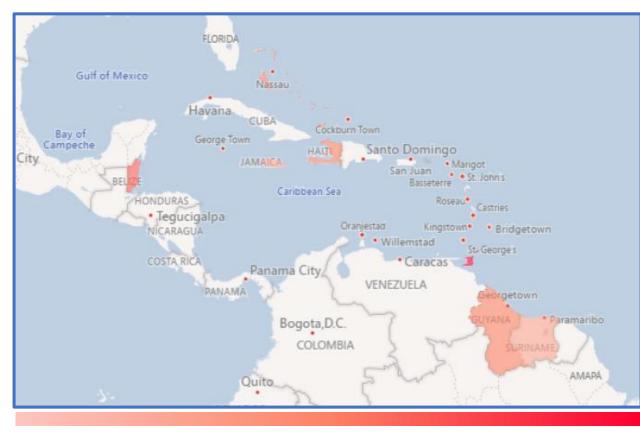
| Activities | Country | Friends | Main Area |
|---|-----------|---|---|
| Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Asia- Pacific and Eastern European Regions | 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 | BUR submission | % 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



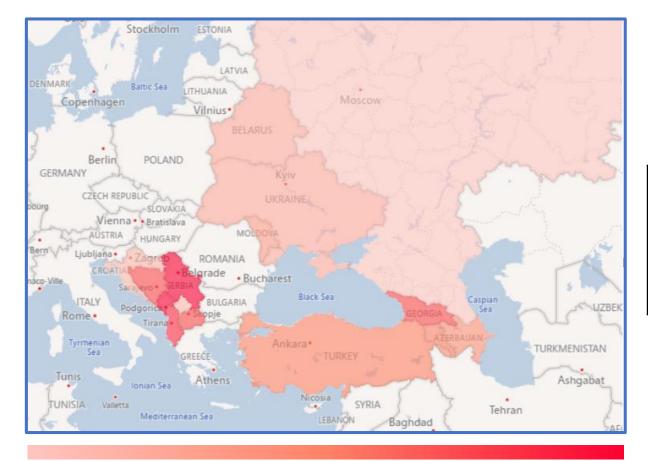
| Activities | Country | Friends | Main Area |
|--|------------------------|---|---|
| ▼ Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Latin America and the Caribbean 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 | BUR submission | % 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

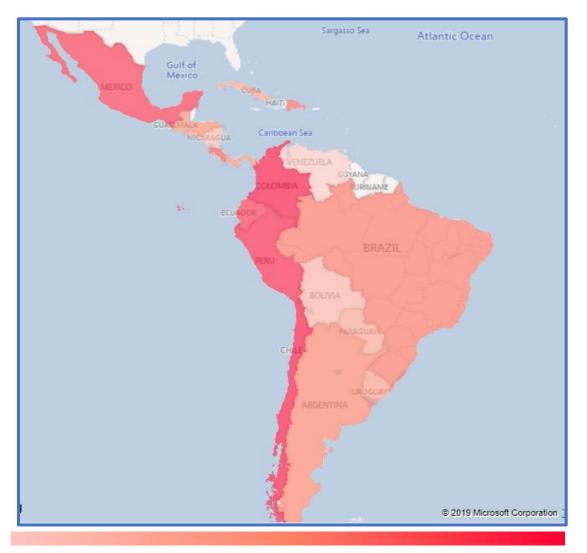
Serbia Summary

| 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

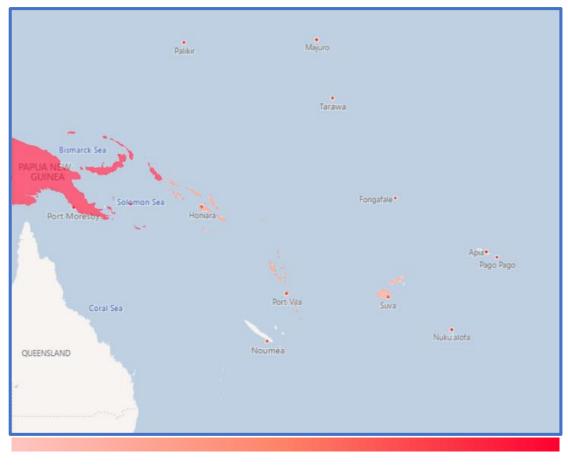
| Activities | Country | Friends | Main Area |
|---|---------|---|---|
| Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Latin America and the Caribbean Region | Chile | 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 | BUR 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 |
| United Arab Emirates | 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 CAIT²

| | 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?