Caribbean Cooperative MRV Hub

Data Management System

The CCMRVH is part of the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) supports this initiative on the basis of a decision adopted by the German Bundestag, with additional resources and technical support provided by the UNDP/UNEP Global Support Programme.
GOALS
DATA MANAGEMENT SYSTEM
Provide a DMS for all MRV Hub Member Countries that delivers:

- Continuity and support for maintaining Institutional Arrangements for individual CCMRVH members
- Highly efficient and high-quality data analyses, visualization and archiving
- Consistent outputs compatible with reporting requirements under the ETF of the Paris Agreement
- Secure system for GHG accounting and reporting across sectors
DMS Work Crew Process and Progress

- **Form DMS working crew**
  - July 2019

- **Identify and refine DMS user requirements**
  - Jul- Sep 2019

- **Identify solutions and compare options**
  - Sep- Nov 2019

- **Feasibility analysis – End of Phase 1**
  - Dec’19 – Feb ‘20

- **Design and implementation – Phase 2**
  - Mar- Jul 2020
## User Requirements

<table>
<thead>
<tr>
<th>Theme</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inputs/Outputs</td>
<td>Any requirements associated with entering, displaying, importing and exporting data and information</td>
</tr>
<tr>
<td>Data processing</td>
<td>Any requirements associated with obtaining desired outputs (or results) from the data and information entered in the DMS</td>
</tr>
<tr>
<td>Archiving and Storage</td>
<td>Any system actions associated with the ability to safely and efficiently store the data and information entered in the DMS or produced by it.</td>
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<tr>
<td>Collaboration Tools</td>
<td>The system actions that will enable collaboration between users to review information and share data across different domains and levels.</td>
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<tr>
<td>System security</td>
<td>Any system actions associated with providing for secure access</td>
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COUNTRY STATUS

Quick Review of Members
Present State

• Question: How many countries are presently looking at independent software solutions?
How could we help?

• Working with countries to share a common data management framework
• Collaboration Tools at various levels
  • Expert groups
  • Country
• Inputs and data capture
DMS Work Crew Process and Progress

Form DMS working crew - July 2019
Identify and refine DMS user requirements - Jul- Sep 2019
Identify solutions and compare options - Sep- Nov 2019
Feasibility analysis – End of Phase 1 - Dec’19 – Feb ‘20
Design and implementation – Phase 2 - Mar- Jul 2020

July 2019
Jul- Sep 2019
Sep- Nov 2019
Dec’19 – Feb ‘20
Mar- Jul 2020
<table>
<thead>
<tr>
<th>ID</th>
<th>EMISSIONS</th>
<th>Unit</th>
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<tbody>
<tr>
<td>L1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L2</td>
<td>Total (with LULUCF)</td>
<td>kt CO₂ equivalent</td>
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<tr>
<td>L3</td>
<td>Aggregate F-gases</td>
<td>t CO₂ equivalent</td>
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<tr>
<td>L4</td>
<td>CO₂</td>
<td>kt</td>
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<td>CH₄</td>
<td>kt</td>
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<tr>
<td>L6</td>
<td>N₂O</td>
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<td>187.83</td>
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Excel Worksheets for Data Inputs

<table>
<thead>
<tr>
<th>Country</th>
<th>Date</th>
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</table>

2006 IPCC Guidelines Top

- Vol.1 GGR
- Vol.2 Energy
- Vol.3 IPPU
- Vol.4 AFOLU
- Vol.5 Waste

Energy

Agriculture

IPPU

Waste

Excel Worksheets for Data Inputs
QUESTIONS