Upgrade of the GHG Data Interface

Side event at SB 50

Bonn, Germany, 20 June 2019

UNFCCC secretariat, MDA

The **GHG data interface is an online database** *containing GHG data reported by both Annex I and non-Annex I Parties*

Sources of information for GHG Data Interface

➢ **Non-Annex I Parties**

  o Data from submissions such as national communications (NCs), Biennial Update Reports (BURs) **reported in Revised 1996 IPCC Guidelines** format

  o Currently, latest GHG data of almost 50 NAI Parties are not included as they were reported in accordance with the 2006 IPCC Guidelines

➢ **Annex I Parties**

  o Annual GHG inventories – information reported in the CRF tables
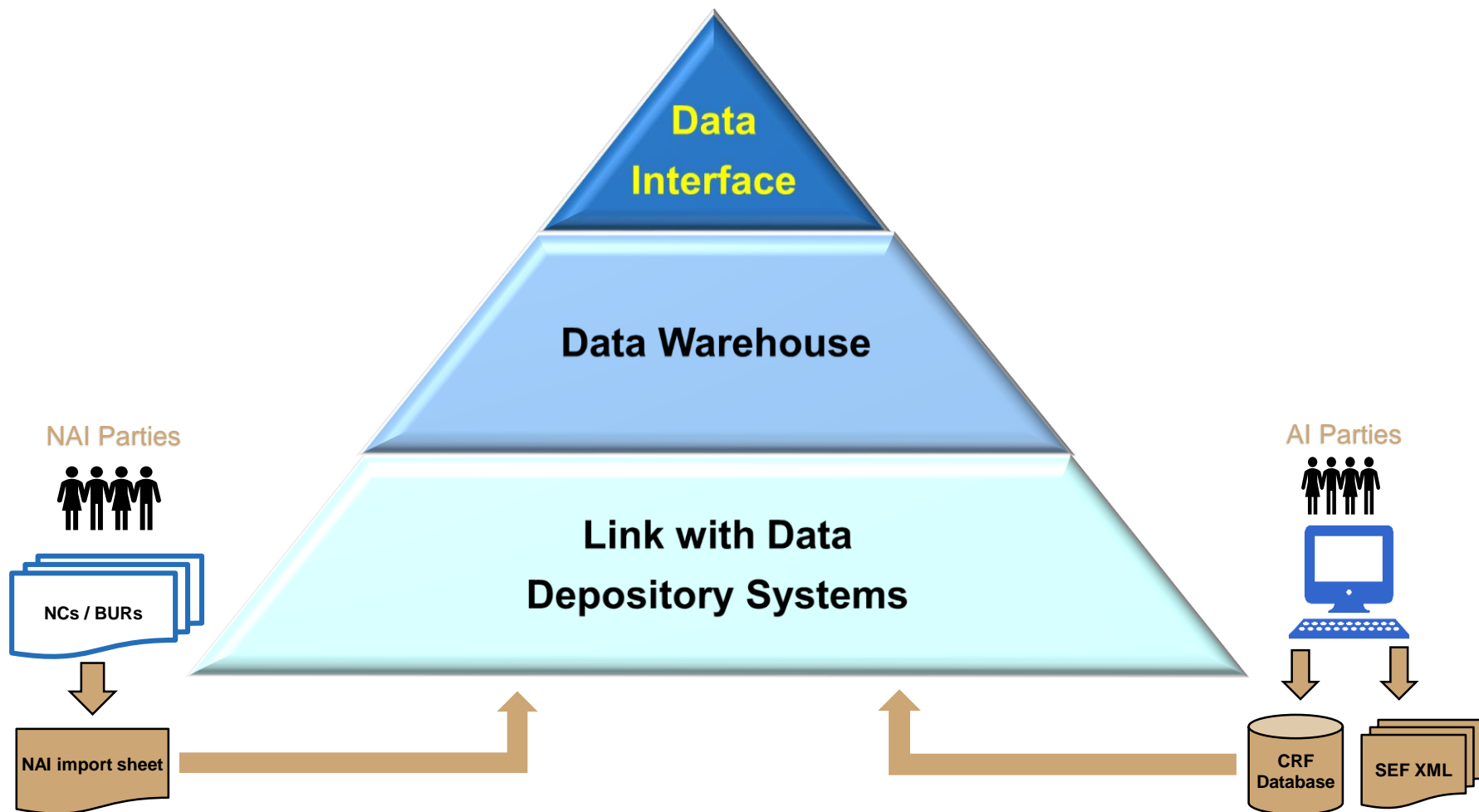
➢ **Other data**

  o Population – UNSD

  o GDP – World Bank

  o Country area – FAO

Flow of information

Status of upgrade of the modules of the GHG Data Interface

Mandate to upgrade the GHG Data Interface was received in SBSTA 38/39 following the adoption of the revised UNFCCC reporting guidelines for Annex I Parties (decision 24/CP.19)

GHG Data Interface

http://di.unfccc.int/

Pre-defined modules

Time Series – Annex I

Global Maps – Annex I

GHG Profiles
Annex I   Non-Annex I

User-defined modules

Detailed Data by Party

Comparison Modules
By category   By gas

Flexible Queries
Annex I   Non-Annex I

User Defined Indicators
Annex I   Non-Annex I

Compilation and accounting data (KP)

Time Series → Predefined GHG emissions/removals data from Annex I Parties. The time series covers the base year and the period from 1990 to the latest available inventory year.

Global Maps → GHG data for Annex I Parties in a "map" format which complements the same data presented elsewhere on the UNFCCC data interface in tabular and graphical formats

GHG Profiles
Annex I   Non-Annex I → A 2-4 page summary of most representative GHG data (at the level of national totals) for a Party. Profiles shows the graphs with GHG totals trends, sectoral changes, shares by gas and sectors.

Detailed Data by Party

Provides detailed GHG data (total emissions/removals) for Annex I, Non-Annex I and group of Parties. Data are presented for the subcategories of the selected category.

Comparison Modules

By category   By gas

Provides comparisons between any two Parties for any two years by categories and by gas. Comparison can be made between Annex I Parties only and between the Non-Annex I Parties only.

Flexible Queries

Annex I   Non-Annex I

Allows the user to search and retrieve the user-defined data queries. It offers the maximum flexibility in searching and retrieving data, including GHG emissions/removals, activity data, implied emission factors, country area, population and GDP.

User Defined Indicators

Annex I   Non-Annex I

Allows the user to access the function of calculating user-defined ratios of variables A and B for any given Party and any given year between the base year and the latest available year.

Next steps

1. Start work on the upgrade of the Compilation and accounting data module (KP data) → *in second half of 2019*

2. Continue regular refresh of data – 3 times a year
   a. February/March *(data refresh)*
   b. June *(major release)*
   c. October/November *(data refresh)*

3. Ongoing discussions at SBSTA on further development

Useful Links

GHG Data Interface

| Process and meetings | ➡ | Transparency and Reporting | ➡ | Greenhouse Gas Data |

http://di.unfccc.int/

How to find the data needed within the GHG data interface?

https://unfccc.int/process/transparency-and-reporting/greenhouse-gas-data/how-to-find-your-data

Information on data sources

https://unfccc.int/process-and-meetings/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/information-on-data-sources

Online Help for using the data interface available at:

https://unfccc.int/process/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/data-interface-help#gc_1

Contact - GHGdata@unfccc.int

Questions