



# IPCC Inventory Software, Transparency and the Paris Agreement

IPCC Inventory Software Workshop, Baku, Azerbaijan

IPCC TFI-TSU

**ipcc**  
INTERGOVERNMENTAL PANEL ON climate change



# The IPCC TFI & UNFCCC partnership

## TRANSPARENCY

...the IPCC offers practical help.....

## IPCC GUIDELINES for EMISSIONS ESTIMATION

..'cook books' to estimate national inventories...

## REPORTING

...lots of public data is essential for transparency

## PARIS AGREEMENT

...supports the use of the IPCC software

## INVENTORY MANAGEMENT & the IPCC SOFTWARE

...a chance for you to assess the IPCC inventory software ...

# Transparency

...must measure to manage....

# Transparency has always been critical.....

## UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

### Article 4

#### COMMITMENTS

1. All Parties, taking into account their common but differentiated responsibilities and their specific national and regional development priorities, objectives and circumstances, shall:

(a) Develop, periodically update, publish and make available to the Conference of the Parties, in accordance with Article 12, national inventories of anthropogenic emissions by sources and removals by sinks of all greenhouse gases not controlled by the Montreal Protocol, using comparable methodologies to be agreed upon by the Conference of the Parties;



UNITED NATIONS  
1992

# IPCC Guidelines

Guidance for national inventory compilers in support of their international commitments



# IPCC Guidelines written for national inventory compilers ...to meet international commitments

- 1995 IPCC Guidelines for national greenhouse gas inventories
- 1996 Revised IPCC Guidelines..
- 2003 Good Practice Guidance..
- 2006 IPCC Guidelines..
- 2013 Wetlands Supplement..
- 2012 KP Supplement...
- 2019 Refinement to the 2006 IPCC Guidelines..
- 2027 Carbon Dioxide Removals and Carbon Capture Utilisation and Storage



## IPCC CLASSIFICATION SYSTEM

### General

- ❖ Systematic classification
- ❖ Delineates system boundaries
- ❖ Facilitates transparent estimation
- ❖ Reporting IPCC tables



## METHODOLOGICAL CHOICE

### Levels of complexity

- ❖ IPCC Flexibility (Tier 1, 2 and 3)
- ❖ Key Source Analysis
- ❖ Prioritising
- ❖ Choosing methods to suit circumstances



## EMISSIONS ESTIMATION

### Specific Sectoral Guidance

- ❖ Simplified estimation
- ❖ Complex estimation
- ❖ Quality assurance/control
- ❖ Uncertainties



## INVENTORY COMPILATION

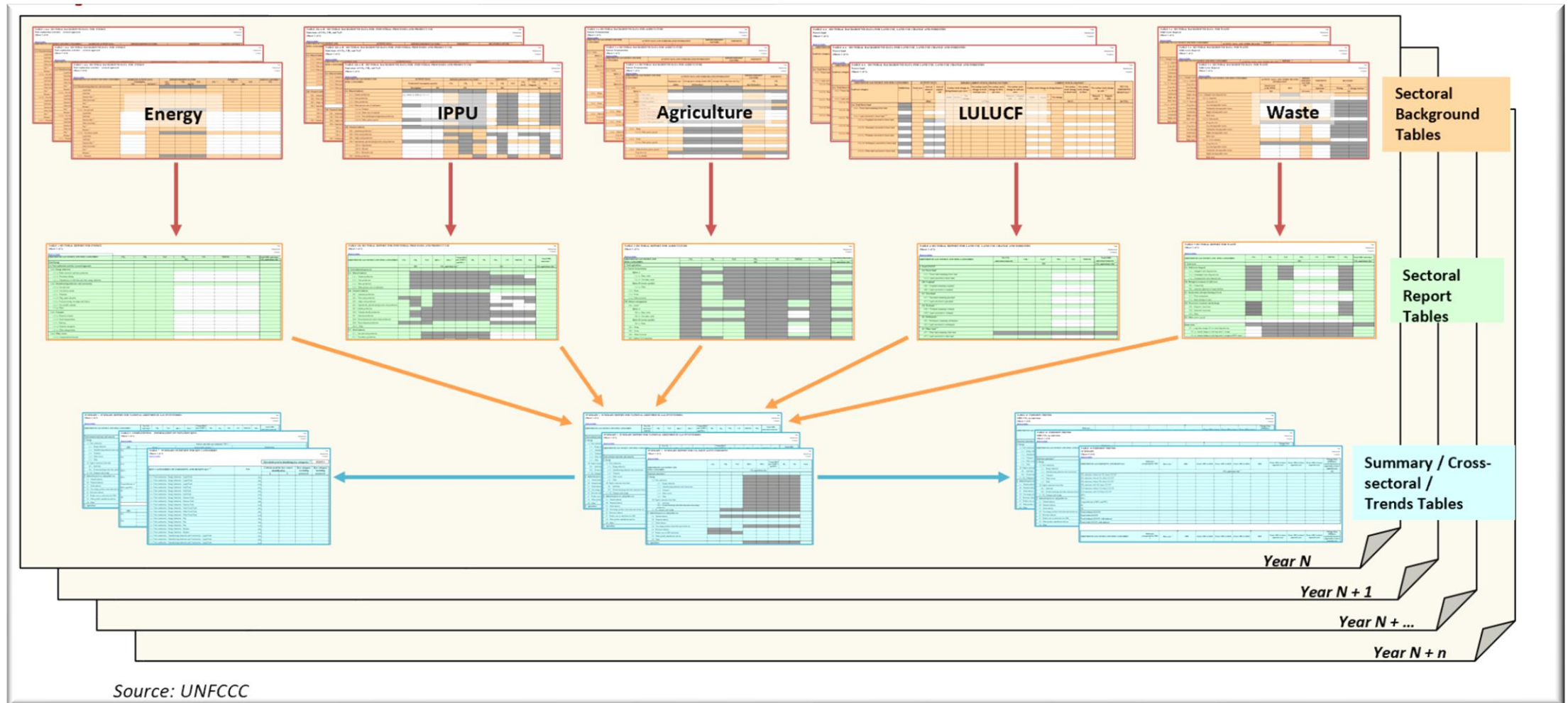
### General

- ❖ Data collection
- ❖ Emissions estimation
- ❖ Quality control
- ❖ Data management and archiving
- ❖ Reporting, documentation and publication
- ❖ Planned improvements



# Reporting

...lots of work....



# Paris Agreement

Encourages the use of IPCC software

# IPCC SOFTWARE IS SOMETHING YOU CHOOSE



## IPCC SOFTWARE

**Mature product**

Supported by the IPCC since the beginning



## REPORTING TOOLS

**Mandatory**

**Decision 5/CMA.3** mandates the UNFCCC to develop reporting tools for the electronic reporting of the tables and formats, including common reporting tables (CRT) for GHG inventory reporting.



## PARIS AGREEMENT

**IPCC Support**

Encouraged by the parties to the Paris Agreement



## IPCC SOFTWARE

**Connects**

Decision 5/CMA.3 requests the UNFCCC secretariat **to facilitate interoperability** between the reporting tools and the IPCC inventory software and invites the IPCC to participate in this effort.

# The IPCC Software & Inventory management

# Why choose the IPCC Inventory Software?

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Replaces excel calculation sheets ....(& consultants.....)

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Authority, credibility & confidence of applying IPCC methods

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Access to international / UN datasets

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Archives your results for next time

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Automatically feeds the ETF Reporting tool

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# Assessing the IPCC Inventory software

## Day 1

- **Support & tools**
- **Country experiences**
- **Reminders on installation**
- **Explanation of exercises**
- **Main functionalities**

## Day 2

- **Break Out Groups**

## Day 3

- **Interoperability**
- **Future developments**
- **Closing remarks**

# THANK YOU

## FOR YOUR ATTENTION

### STAY IN TOUCH

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### STAY CONNECTED

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