

Enhancing Transparency and Capacity in GHG Inventory Management: A MENA Regional Webinar Series on QA/QC, Inventory Work Plans, and Data Management

The fundamentals of Inventory Workplans

Session 1: Introduction to Inventory Work Plan, Management of the Inventory Cycle, and Establishing an Inventory Workplan.

Fernando Farias
Senior Advisor
UNEP-CopenhagenClimate Centre

Executed by:



Funded by:



Implemented by:



Areas of improvement

MPGs, point D:
Facilitating
improved reporting
and transparency
over time

7. To facilitate continuous improvement, each Party should, to the extent possible, identify, regularly update and include as part of its biennial transparency report information on areas of improvement in relation to its reporting

Executed by:



Funded by:



Implemented by:



Areas of improvement

Areas of Improvement *[regarding reporting]*

AI identified by Party

AI identified during the TER process

How to address Areas of Improvement

AI related with Flexibility provisions

Reporting related capacity-building
support needs

support shall be provided to developing country Parties for the implementation of Article 13 of the Paris Agreement and for the building of transparency-related capacity

Executed by:



Funded by:



Implemented by:



GHG Inventory Management Tools (IMT)



The IPCC defines in the new material added in the 2019 IPCC Refinements to the 2006 IPCC Guidelines a series of IMT aimed at helping to ensure efficiency and transparency in the compilation activities of the inventory, ensuring TACCC, timeliness and good use of resources

Several of these tools are included into the MPGs as contents to be included by Parties into their BTRs

Executed by:



Funded by:



Implemented by:



GHG Inventory Management Tools



Source:
2019 IPCC
Refinements

Executed by:



Funded by:



Implemented by:



Workplans

The workplan clarifies the **schedule of steps** for generating GHG inventory outputs.

Workplans should be **reviewed**, and where necessary, revised prior to the start of a new inventory update cycle.

Executed by:



Funded by:



Implemented by:



Stages to be considered in an Inventory workplan

- Planning
- Data collection
- Calculations
- Filling of formats (report software)
- Report writing (BTR chapter)
- Internal/External reviewing
- Submission (BTR or stand alone)
- Documentation of future improvements
- Archiving

Executed by:



Funded by:



Implemented by:



Teamwork planning

- Institutional coordination for data gathering
- Role assignation, consider staff availability, expertise
- External support (QA)
- Time schedule
- Resource management
- Contingencies
- Documentation and archiving
- Identification of improvements

Executed by:



Funded by:

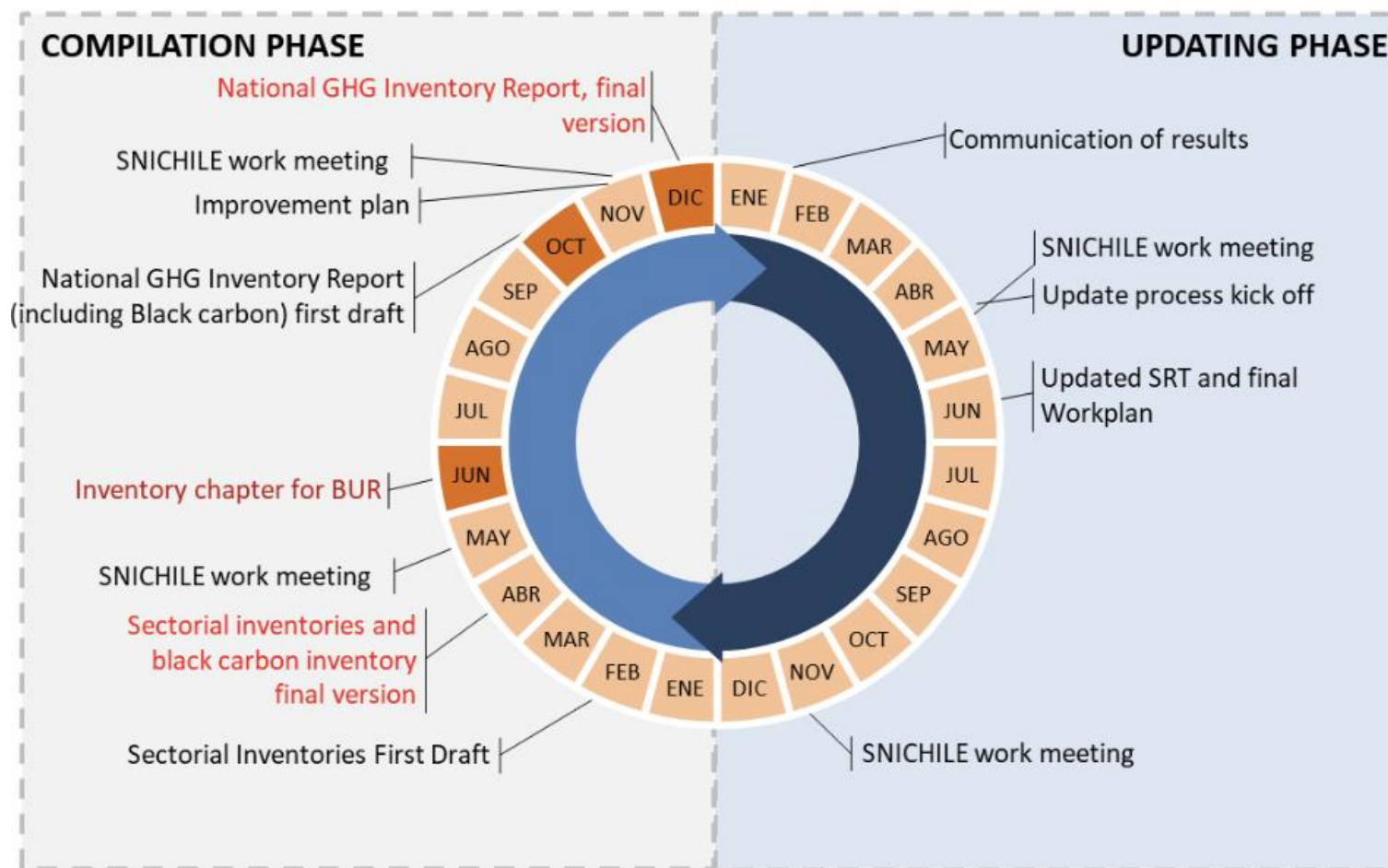


Implemented by:



Workplans: Biennial Cycle (Chile)

Figure 3. Example Inventory Compilation Cycle from Chile for 2017-2018.



Source: Technical Team Coordinator, Ministry of Environment (MMA)

Executed by:

Fi

Workplans: Tabular format example

Table 1-1. Inventory Compilation Schedule

Improve	Stage	Due date (e.g., Month and year)	Comments
	Plan	June 2022	<ul style="list-style-type: none">Sector leads: update list of planned improvements by June 15Inventory kick-off meeting on June 30
	Collect	December 2022	<ul style="list-style-type: none">Notify NIC of any new sources/sinks or GHGs to add to GHGI by December 31
	Estimate	First Draft: June 2023 <i>Second Draft: April 2024</i>	<ul style="list-style-type: none">Sector leads: to minimize version control issues, make sure to use the latest inventory compilation files provided at kick-off
	Write	First Draft: October 2023 <i>Second Draft: June 2024</i>	<ul style="list-style-type: none">For each category, clearly specify which IPCC tier methodology is used
	Review	First Draft: January 2024 <i>Second Draft: October 2024</i>	<ul style="list-style-type: none">QA review period: January 1-January 31, 2024
	Finalize & report	December 2024	<ul style="list-style-type: none">BTR submission deadline is December 31, 2024
	Archive	February 2025	<ul style="list-style-type: none">Sector leads: save all references (AD, EF) to inventory archive by February 15

Source: U.S. EPA Toolkit for Building National GHG Inventory Systems

Executed by:



Funded by:



Implemented by:



Workplans: Tabular format

example

Date	Task & Deliverable	Responsible Party(ies)
March 1	Kick-off meeting to ensure team readiness distribute overall inventory preparation instructions, source preparation instructions and other supporting materials to inventory team.	Inventory Co-ordinator, Source(s) Team Leaders and Inventory Compiler
July 1	Meeting to discuss progress and problems	Inventory Co-ordinator, Source(s) Team Leaders and Inventory Compiler
September 1	Final spreadsheet and text files for each source due to Inventory Compiler	Source(s) Team Leaders
September 2-30	Compiling of 1st draft inventory	Inventory Compiler
October 1	1st draft inventory due to Inventory Co-ordinator	Inventory Compiler
October 3	Distribute 1st draft inventory for internal review	Inventory Co-ordinator
October 4-18	Internal review of 1st draft inventory (QC) submit comments to Inventory Compiler	Inventory Co-ordinator and Source(s) Team Leaders
October 19-22	Distribute source files and internal review comments to source(s) teams for revisions	Inventory Compiler
October 23-November 7	Incorporate internal comments	Source(s) teams and Inventory Compiler
November 8	1st revised final spreadsheet and text files for each source due to Inventory Compiler	Source(s) Team Leaders
November 9-30	Compiling of 2nd draft inventory	Inventory Compiler

Source: IPCC
(2019)

Executed by:



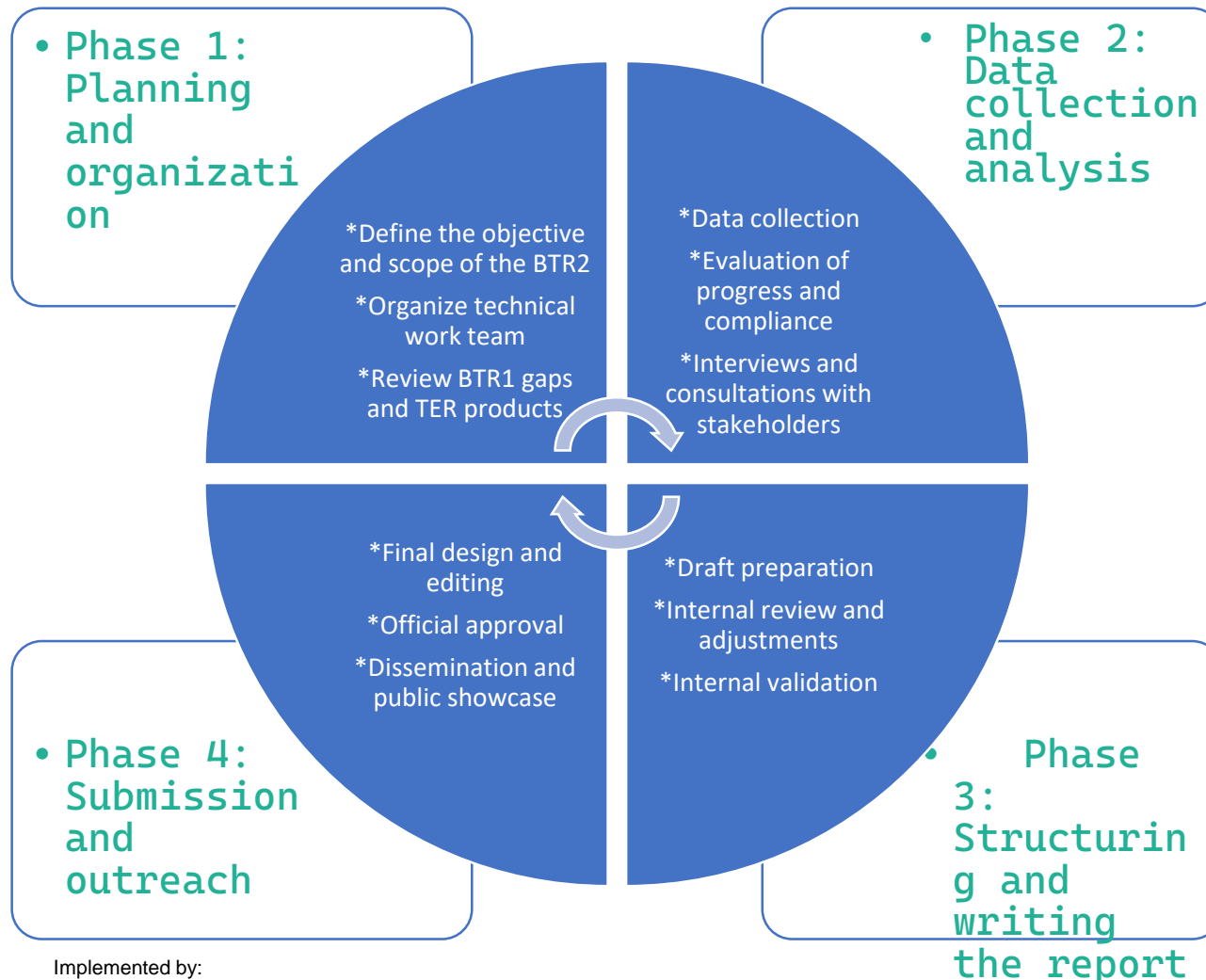
Funded by:



Implemented by:



Considerations for the BTR2



- Institutional coordination for data gathering

Executed by:

Funded by:

Implemented by:

Considerations for the BTR2

Key factors for success:

- Transparency and access to information throughout the process
- Effective coordination between institutions and stakeholders
- Citizen participation to strengthen the credibility of the BTR
- Continuous evaluation to improve future BTRs

Executed by:



Funded by:



Implemented by:



Thank you for your attention!

For more information:

<https://climate-transparency-platform.org>

Fernando Farias
Senior Advisor
UNEP-CopenhagenClimate Centre

Executed by:



Funded by:



Implemented by:



copenhagen
climate centre