



TAIEX/ECRAN REGIONAL TRAINING SEMINAR ON ASSESSMENT OF GHG INVENTORIES IN WASTE

NATIONAL SYSTEMS

November 2015

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Centre Interprofessionnel Technique d'Etudes de la Pollution Atmosphérique
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www.citepa.org



FROM AN INVENTORY...

Once upon a time...



$$E_p = A \times EF_p$$



Do it yourself



Black box



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FROM AN INVENTORY...

Consistency

$$E_p = A \times EF_p$$

Input data
(AD, EF)

Constraints on:
Input data

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FROM AN INVENTORY...

Consistency

Completeness

Accuracy

Comparability

$$E_p = A \times EF_p$$

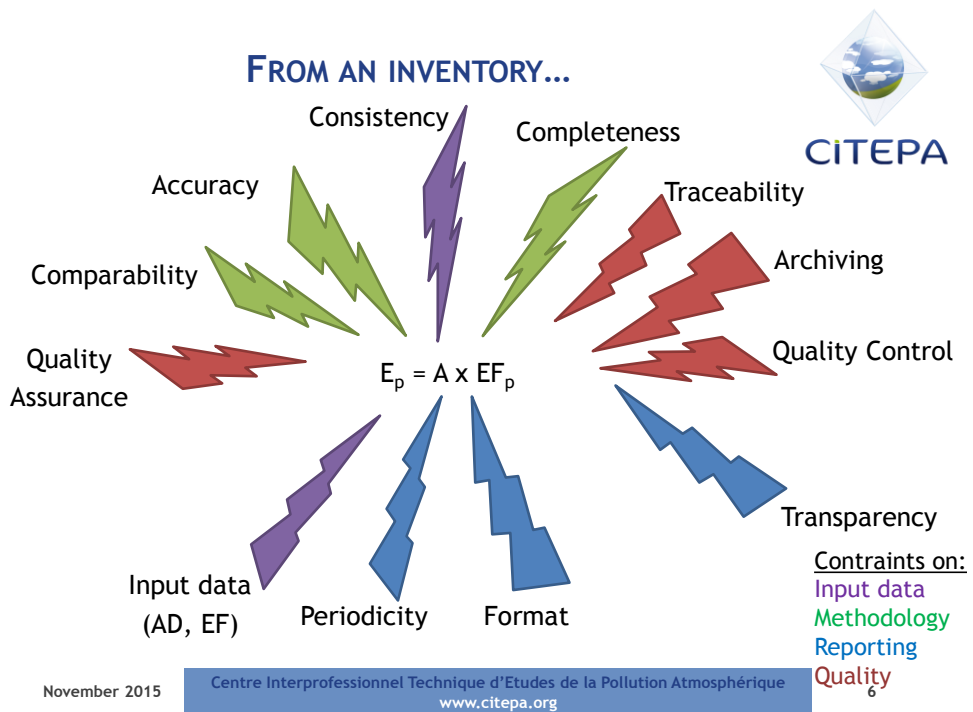
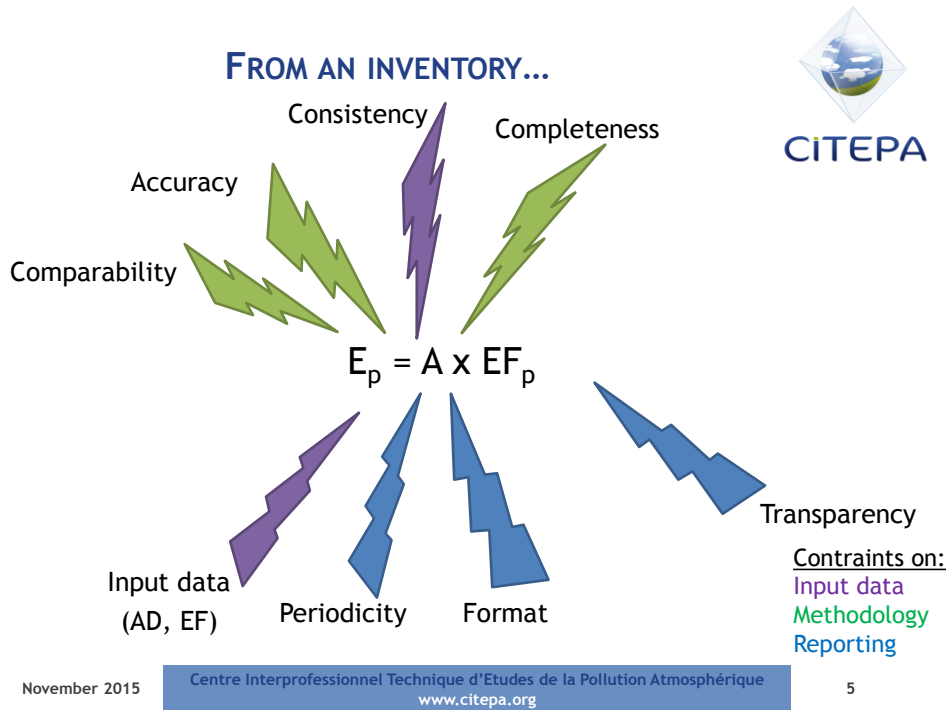
Input data
(AD, EF)

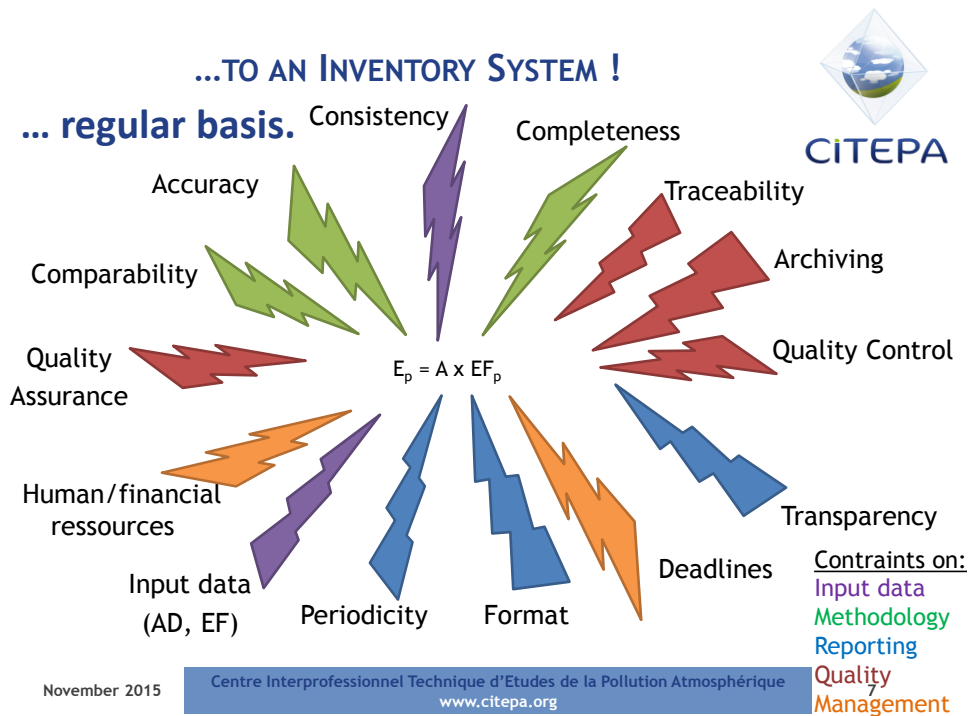
Constraints on:
Input data
Methodology

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INVENTORY SYSTEM

Tasks to be performed within the inventory system :

- ✓ Data collection/data provision
- ✓ Calculation
- ✓ Verifications and validation (QA/QC)
- ✓ Approbation of the inventory
- ✓ Reporting (NIR, BUR, NAMAs...)
- ✓ Contribution to the reviewing process
- ✓ Coordination of the inventory
 - Planning of the inventory
 - Improvement plan
 - Transversal aspects (uncertainty,
 - Archiving

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INVENTORY SYSTEM

Stakeholders in the inventory system :



✓ Data providers

- Industrials (or federation of)
- Public Ministries,
- R&D centers,
- Statistical/technical agencies...

✓ Inventory compiler(s)

✓ Technical experts

✓ Inventory coordinator

✓ National authority

✓ Focal point

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INVENTORY SYSTEM

Rules and Procedures



WHO

(which stakeholder(s)?)

does WHAT ?

(which task(s)?)

WHEN ?

(which deadline?)

WITH WHAT ?

(which data flow ?)

HOW?

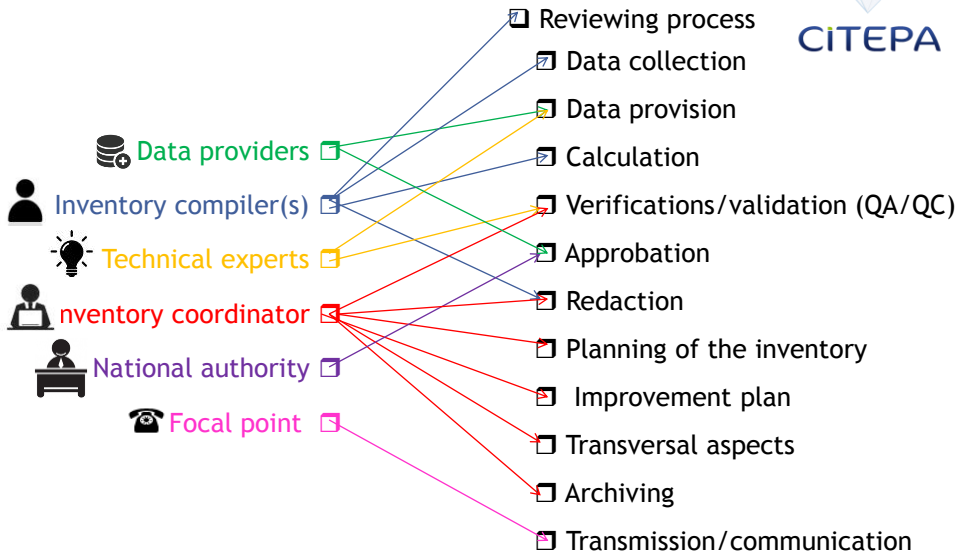
(which methodology ?)

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INVENTORY SYSTEM



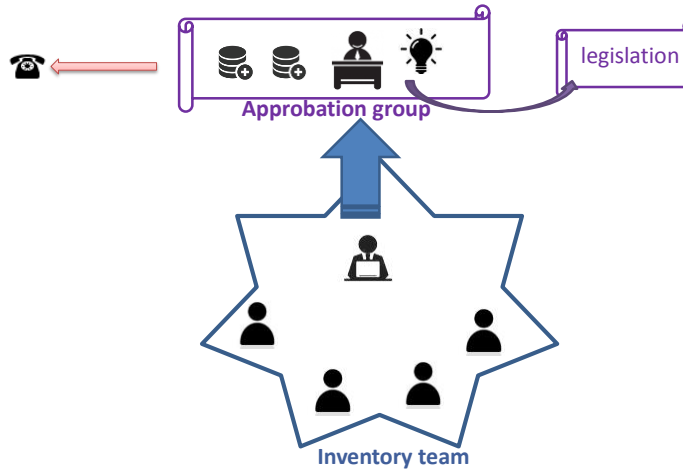
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INVENTORY SYSTEM

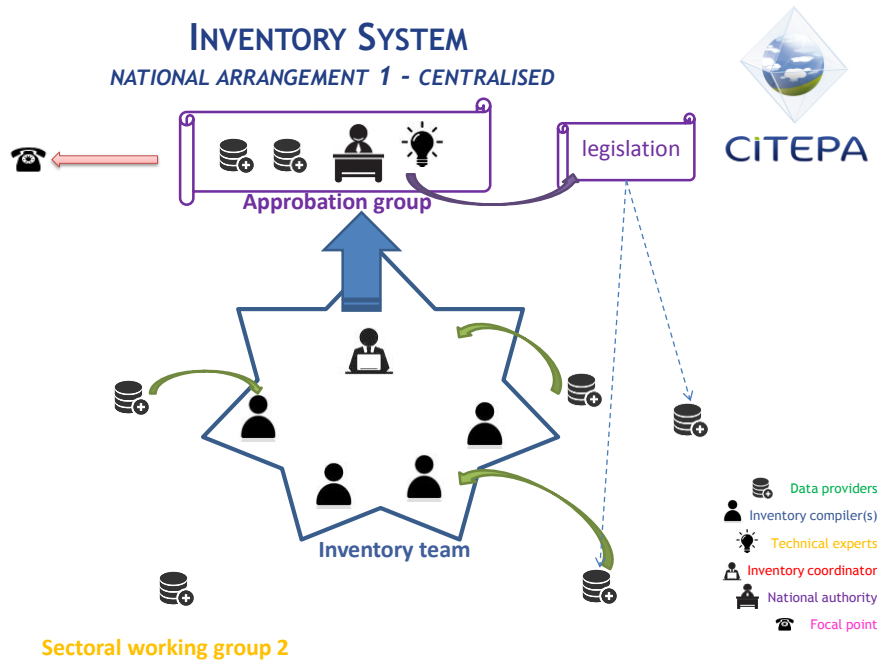
NATIONAL ARRANGEMENT 1 - CENTRALISED



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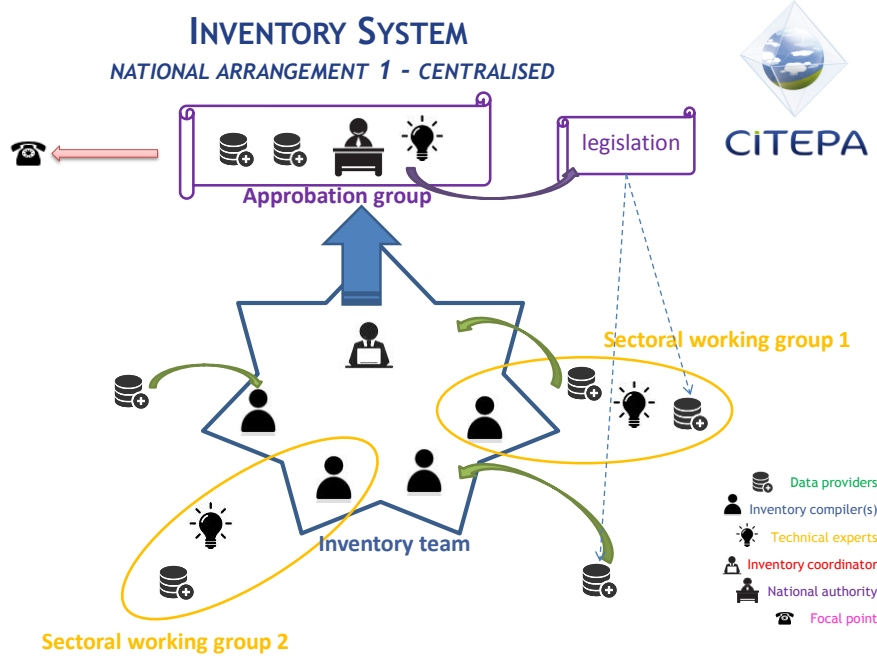
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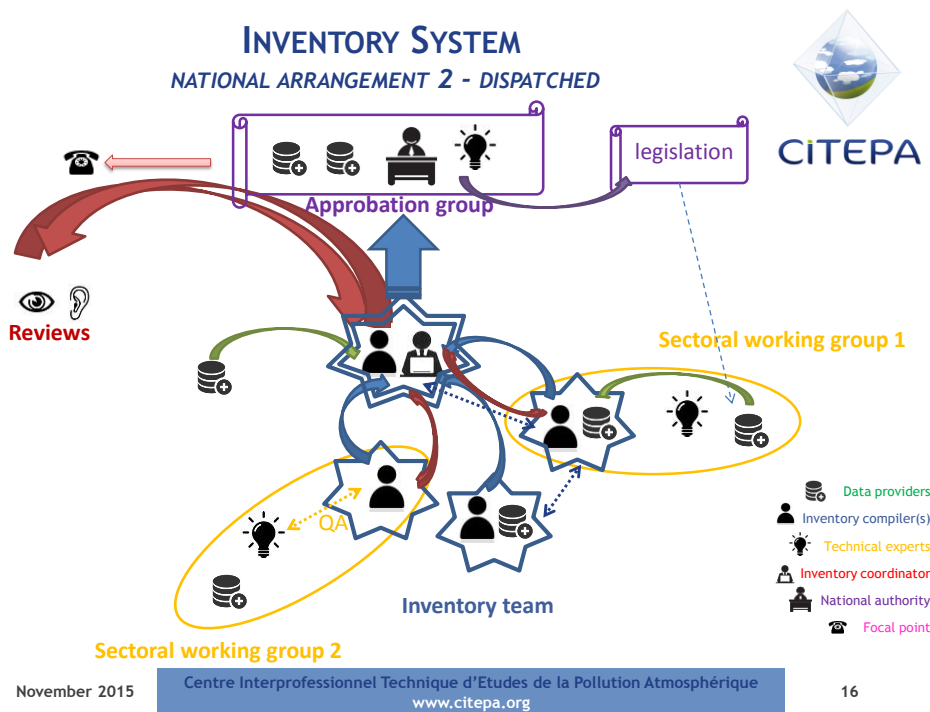
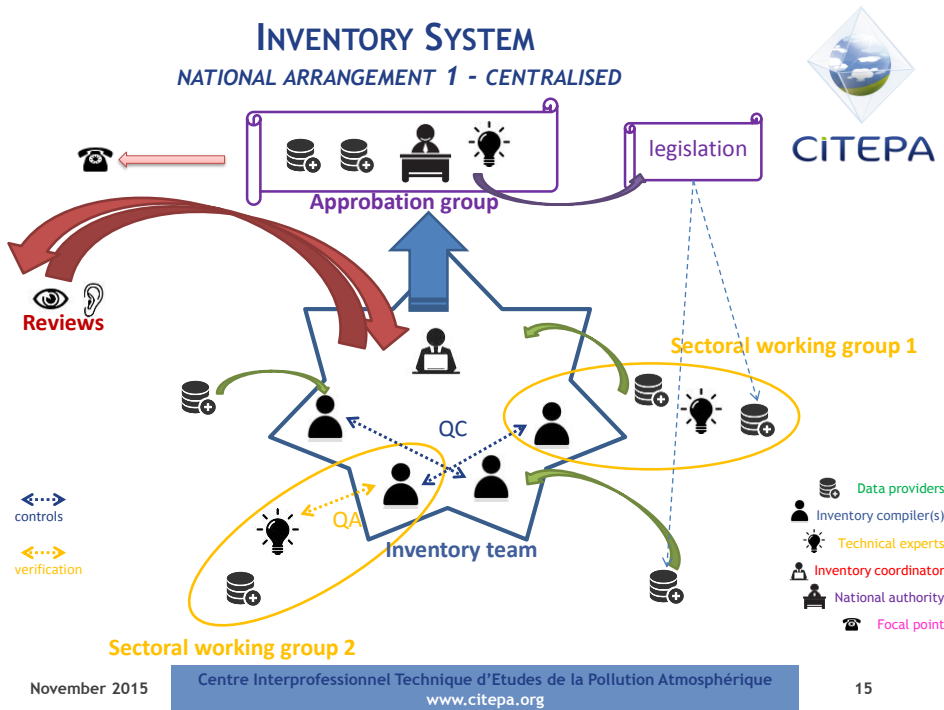
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INVENTORY SYSTEM

Rules and Procedures

WHEN ?



The coordinator has to define the planning of the inventory (retro-planning based on the final transmission deadline to UNFCCC/UNECE).

Main issue : collecting input data on time

- ☞ *agreement between the inventory team and data providers*
- ☞ *development of dedicated registers (e.g. ETS)/ surveys*
- ☞ *by-laws on data collection and data flow*



Gap in input data over the time series => see day 2

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INVENTORY SYSTEM

Rules and Procedures

HOW?



*The coordinator has to define the **specifications** of the inventory:*

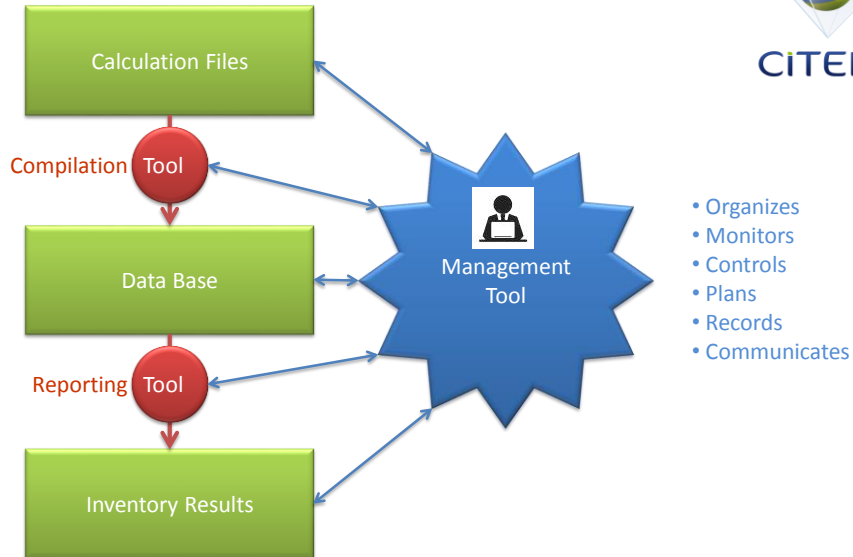
- *pollutants (integrated approach between GHG and pollutants is possible)*
- *methodologies to be applied (which GL?)*
- *geographical perimeter*
- *reference year*
- *QC procedures*
- *calculation nomenclature*

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Inventory Tool Chain : Expected Design



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THANK YOU FOR YOUR ATTENTION

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