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# Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP) : Asia Region

## Importance of the National Inventory Management System

**27 August 2023**

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# Importance and Benefits of Developing a National GHG Inventory

Assess global progress towards limiting the increase in global temperature and combating climate change

Meet country UNFCCC obligations and participate in future GHG agreements and programs

Useful for environmental assessment and environmental management

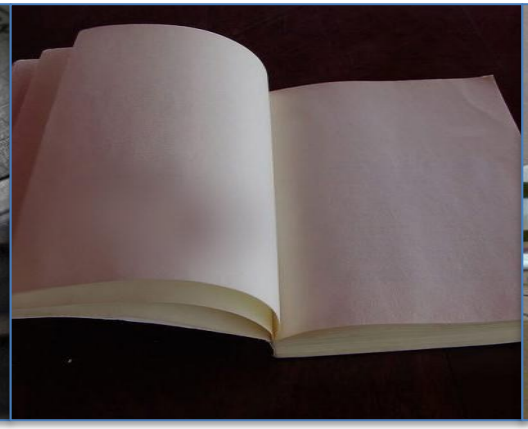
Useful for economic development and planning

# What is quality?

- Transparency
- Completeness
- Comparability
- Consistency
- Accuracy

*Transparency is the most fundamental. If you do not document, then there is no way to demonstrate any of the other principles have been met.*

# Challenges for Establishing National Inventory Systems and Inventory Compilation in NA-I Countries



Small teams with limited resources and multiple responsibilities

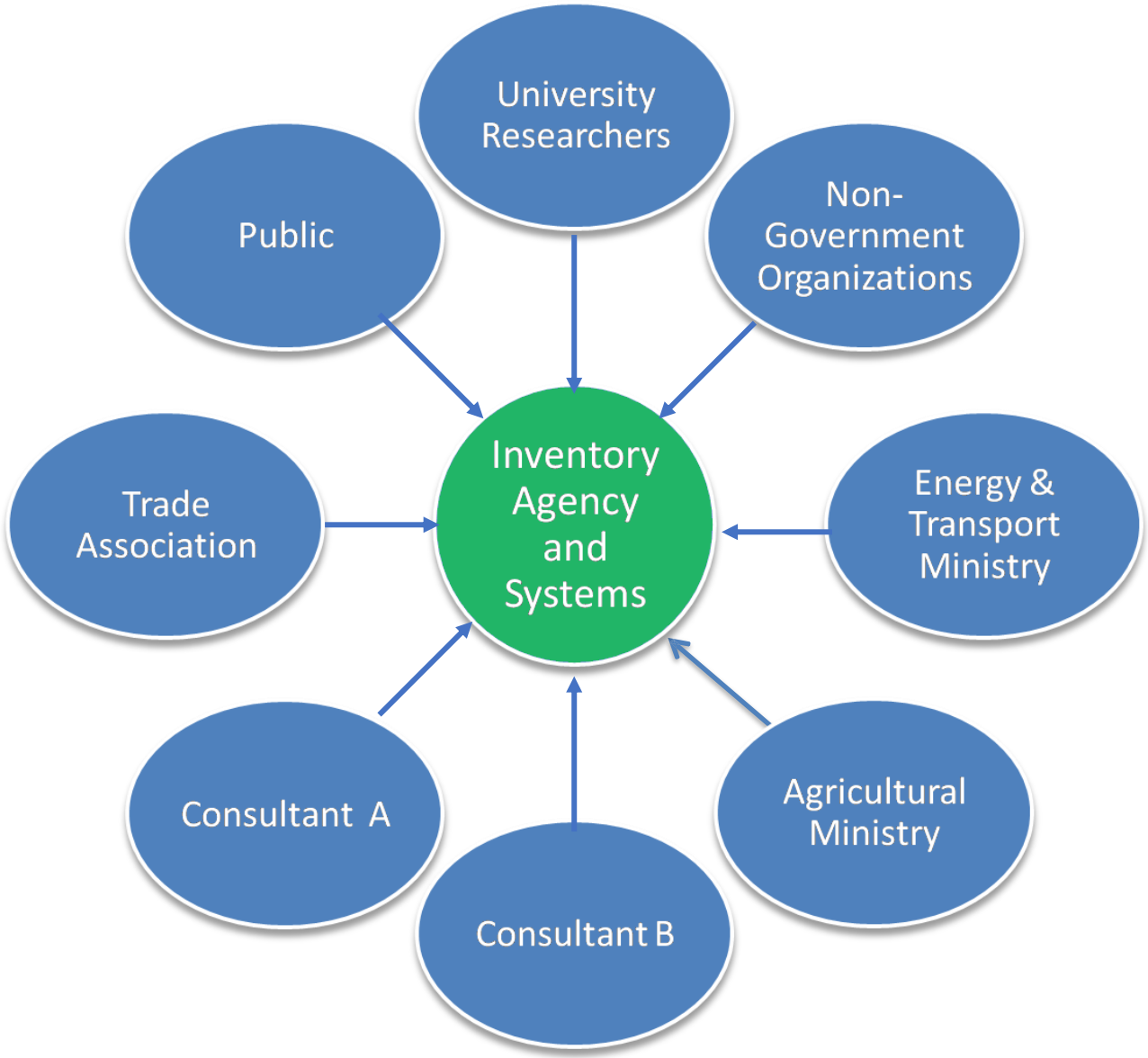
Incomplete or non-existent activity data

Lack of country-specific emission factors

Insufficient documentation from previous inventories

Difficulty retaining expertise

# Coordination of Inventory Data



# Flexibility – QA/QC

Identifying availability of better-quality data

Facilitating coordination among institutions to support data collection efforts

Adopting a higher Tier methodology

Training of current staff members

Hiring additional staff

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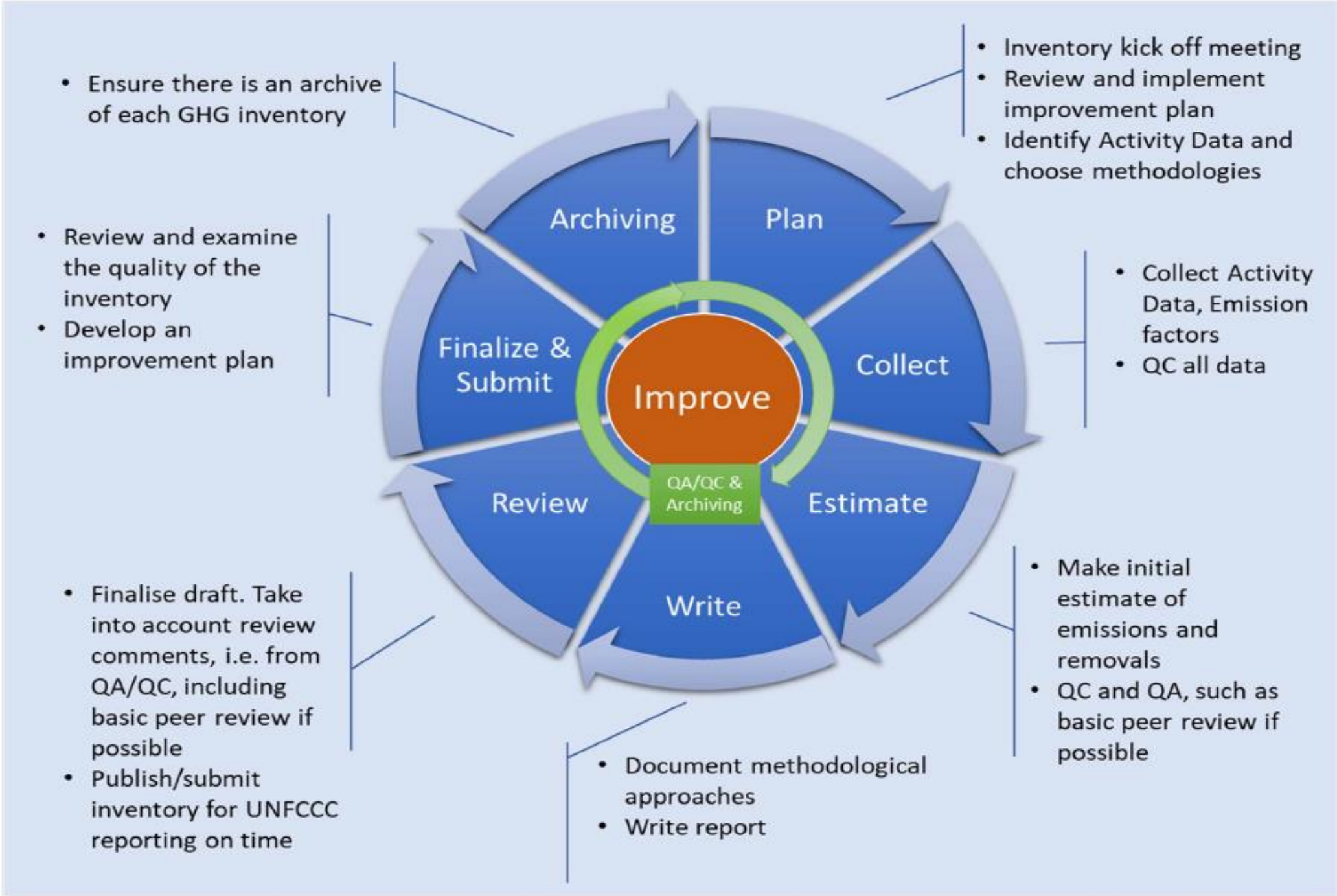
# Stages of National GHG Inventory Cycle

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# Functions of Sustainable Institutional Arrangement

| | | | |
|---|---|---|---|
| **PLANNING** | Appointing teams, identifying contributing organizations | Establishing coordination mechanisms, agreeing to approval process | Planning funding allocation and budget, etc |
| **PREPARATION** | Holding first coordination meeting, consulting stakeholders, agreeing to millestones and timelines | Overseeing schedule and milestones, holding check-in meetings | Collecting and validating any relevant data |
| **REPORTING** | Reviewing first drafts | Compiling and finalizing all information, editing and creating document, preparing for approval process and submission | |
| **DOCUMENTING AND ARCHIVING** | Establishing procedures to ensure regular and systematic documentation and archiving in order to enhance transparency and ensure sustainability of the process | | |
| **EVALUATION** | Identifying lessons learned, strengths and weaknesses, opportunities for improvement | | |
| **NATIONAL CONSULTATION PROCESS** | Validation of the report through consultation with national stakeholders | | |
| **APPROVAL AND SUBMISSION** | Getting the report approved by relevant approving government authority and submitting it to the UNFCCC secretariat | | |

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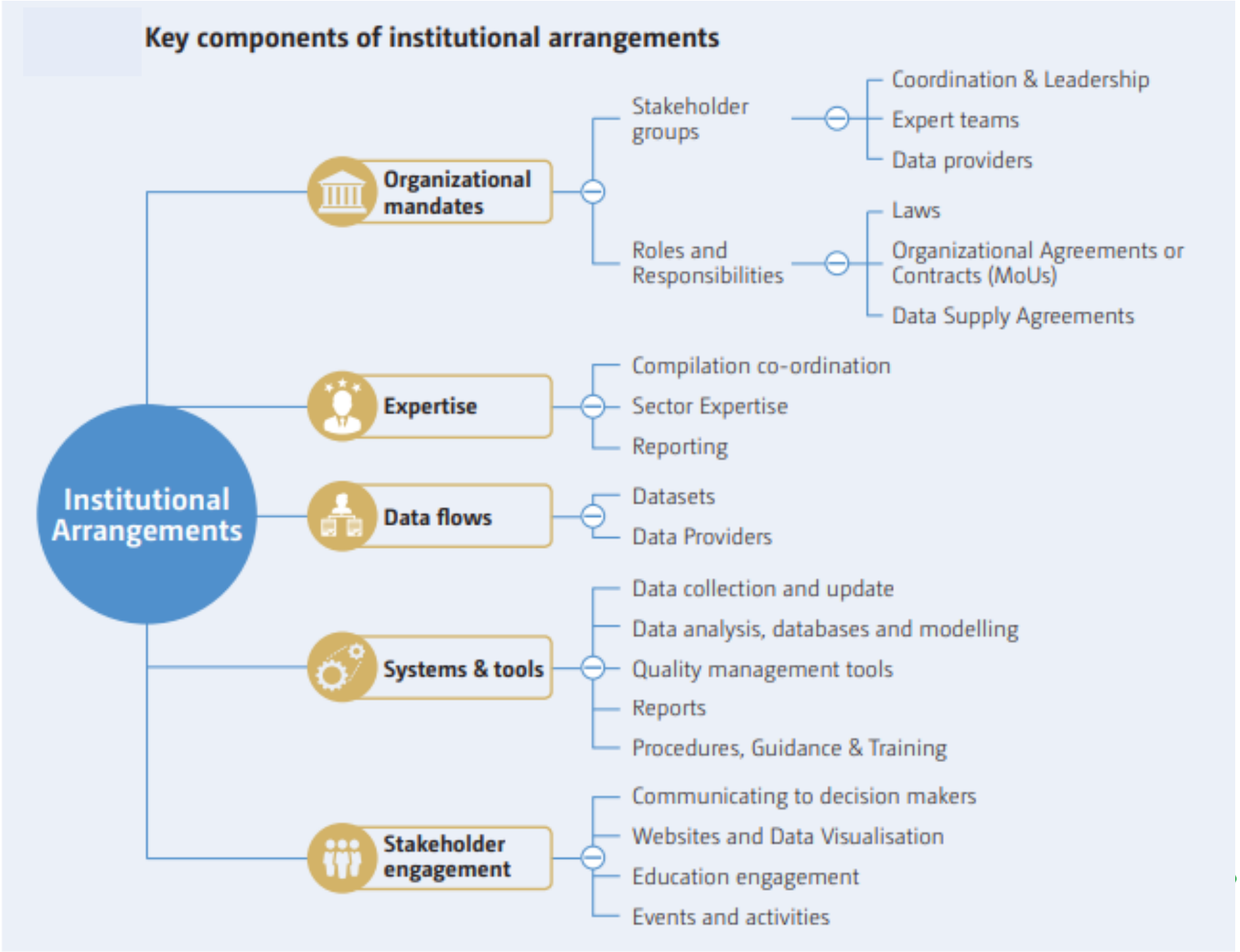
# Key components of institutional arrangements

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# Thank you for your attention

**Please reach out to us for any question, comments or suggestions!**

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