



United Nations
Climate Change

Session 1

CHINA

Transitioning to IPCC 2006 guideline: best practice and challenges of China's institutional arrangements of GHGI

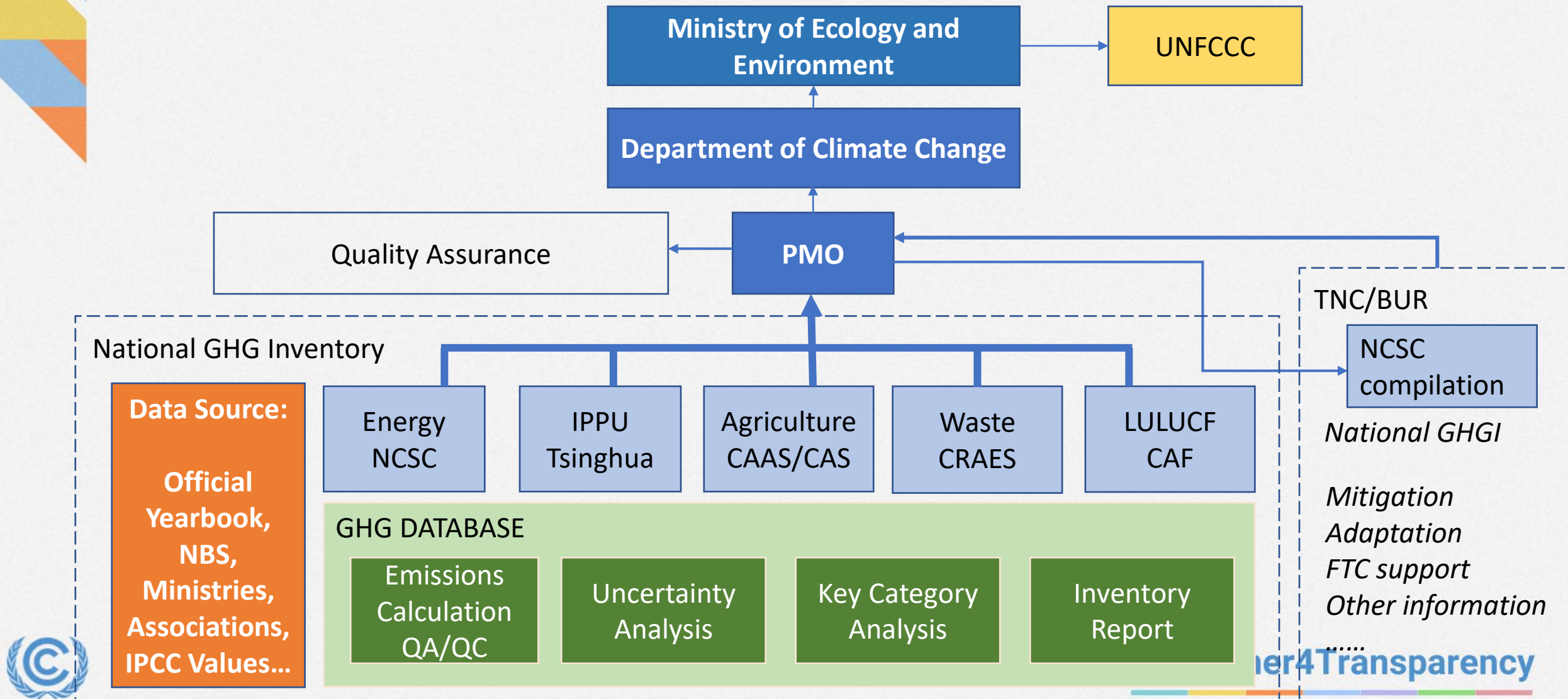
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Overview of the national climate change reporting system



Data source

ENERGY



- Energy Yearbook
- NBS data
- Data from Ministries
- Coal Industry Yearbook
- Enterprise-level data
- Agriculture Yearbook

IPPU



- National Yearbook
- Chemistry Industry Yearbook
- Industry Association
- Enterprise level Investigation

AGRICUTURE



- National Yearbook
- Agriculture Yearbook
- Animal Husbandry Yearbook
- Monitoring data
- Investigation data

WASTE



- City Construction Statistic Yearbook
- Environmental Statistic Yearbook
- Monitoring data

LULUCF



- Forest resources continuously monitoring data
- Investigation data

Key experience

- Mainstreaming GHGI data into national statistic system
- Release working plan of NC/BUR/BTR preparation
 - Establish a working group for the preparation of the compliance report
 - Establish a technical team for the preparation of the national greenhouse gas inventory
 - Establish an expert advisory committee

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综合机关名称: 农业部		20 年		表 号: P 7 1 4 表 制定机关: 国 家 统 计 局 文 号: 国统字(2013)63号 有效期至: 2014年9月
指标名称	代码	体重(公斤)	采食量(公斤/天)	饲料消化率(%)
甲	乙	1	2	3
规模化饲养	—			
断奶保育/犊牛	01			
育成/青年期	02			
成年/产奶牛	03			
农户饲养	—			
断奶保育/犊牛	04			
育成/青年期	05			
成年/产奶牛	06			
放牧饲养	—			
断奶保育/犊牛	07			
育成/青年期	08			
成年/产奶牛	09			

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Key experience

- Establishing national GHGI data management system

Data archive

Quality control

Data analysis

Uncertainty
analysis

Time series





Key experience

- Organize technical workshops to invite key departments
 - organize a number of technical workshops to invite key data providers and domestic research institutions for exchanges and discussions.
- Invite independent experts to conduct QA
 - invite experts who were not involved in the preparation of the inventory to carry out independent analyses and assessments of the inventory's methodologies and results as a support to the quality assurance of the inventory.
- Participate in the webinars and capacity building workshops
- Participate in the TA and technical review process





Challenges in institutional arrangement and use of 2006 GLs

- Institutional arrangement:
 - Lack of coordination among ministries
 - Database is still under construction, so information archive needs to be improved
 - Historical information is heavily dependent on individual experts
 - QA/QC procedure varies among different sectors
 - GEF support needs longer time which makes it difficult to meet the deadline
- Use of 2006 GLs:
 - Some sector (non-energy use) is related to institutional arrangement
 - AFOLU methodologies is very different from 1996 GLs
 - Data collection needs to be rearranged
 - Capacity building for domestic experts





Capacity building and financial needs

- Further explore the establishment of data collection and statistical mechanisms
- Further strengthen the actual measurement and analysis capabilities of country-specific greenhouse gas emission factors
- Further develop and improve the database management platform, improve data aggregation and analysis efficiency
- Further strengthen the data QA/QC functions of the database
- Further strengthen the insitutional arrangements, explore the establishment of a model of joint management by the Ministry of Ecology and Environment and relevant ministries, and strengthen the review mechanisms of inventory data
- \$10 million/a to be fully align with ETF requirements and 2 million for each BTR





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Thank you.

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