

Thailand Greenhouse Gas Emission Inventory System (TGEIS)

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Outlines

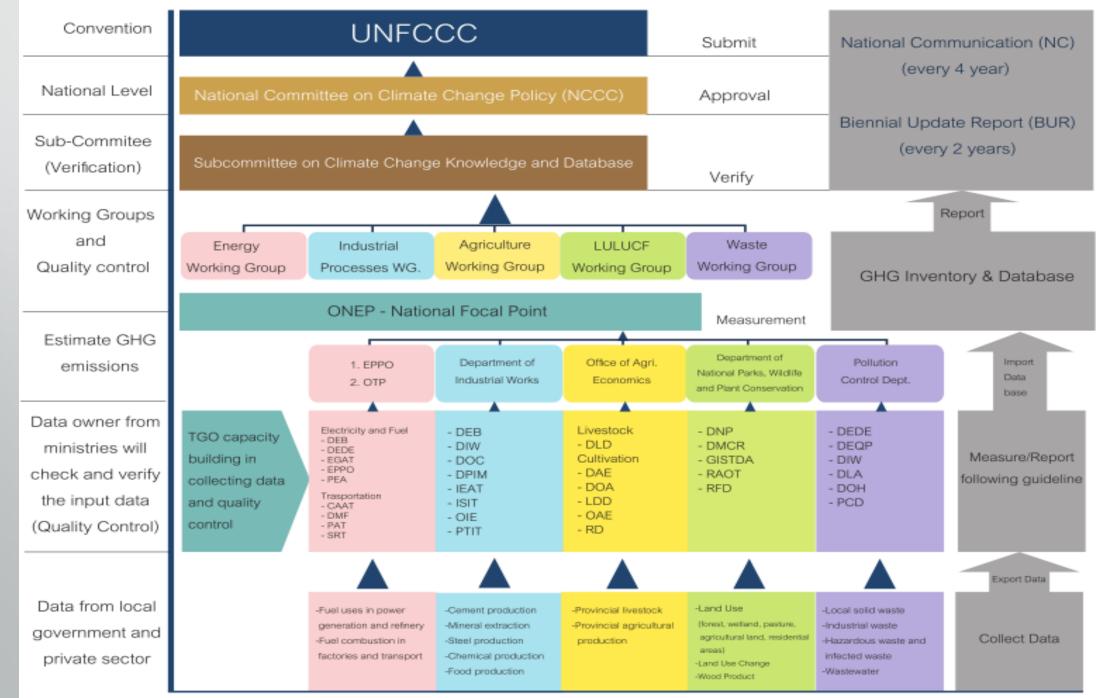
- 1. What is TGEIS
- 2. Institutional Arrangement (IA)
- ✤ 3. Data Entry Template (DET)
- 4. TGEIS operations
- ✤ 5. Challenge

1. What is Thailand Greenhouse Gas Emission Inventory System or TGEIS?



- Emission calculation based on IPCC 2006 guideline and inventory compilation system
- An emissions database that can be queried, graphs produced and data downloaded as reports
- Inbuilt quality control
- Integrated documentation and archive system
- A UNFCCC reporting tool





Arrangement (IA Institutional 2

Source: Office of Natural Resources and Environmental Policy and Planning (ONEP)

Enhancing for Greenhouse Gas Inventory transition

on 1996 to 2006 IPCC Guidelines

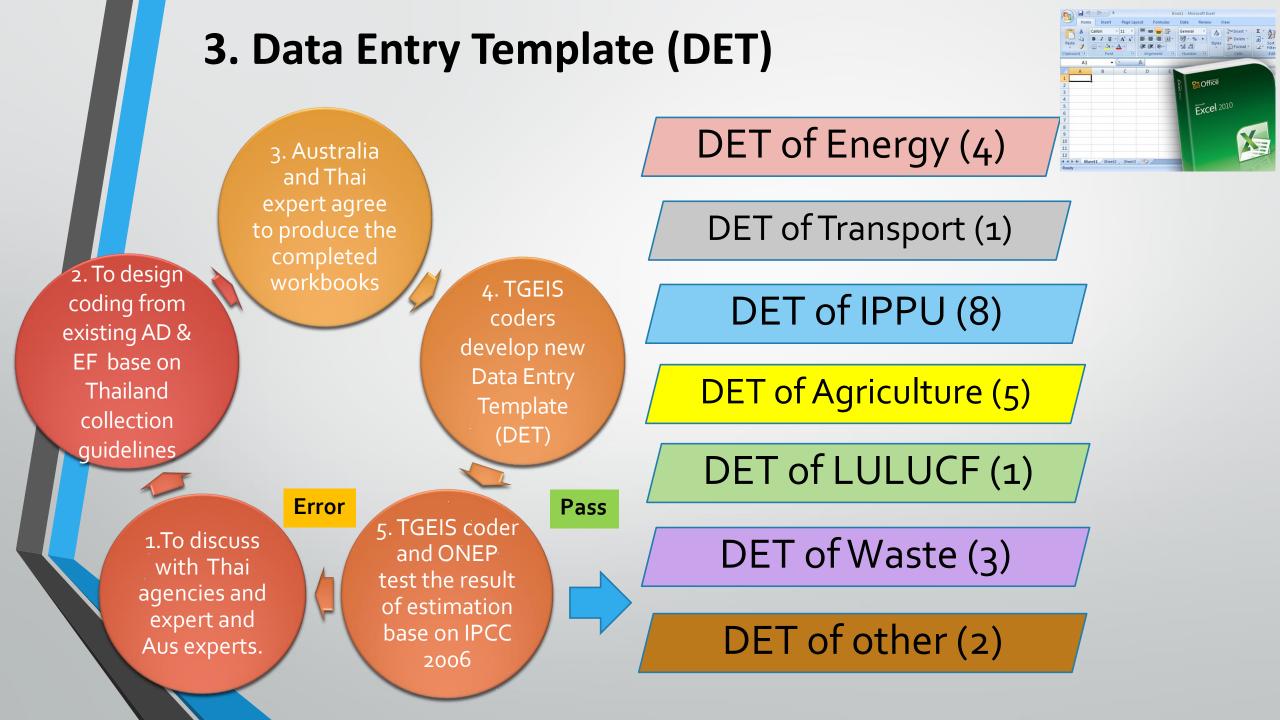


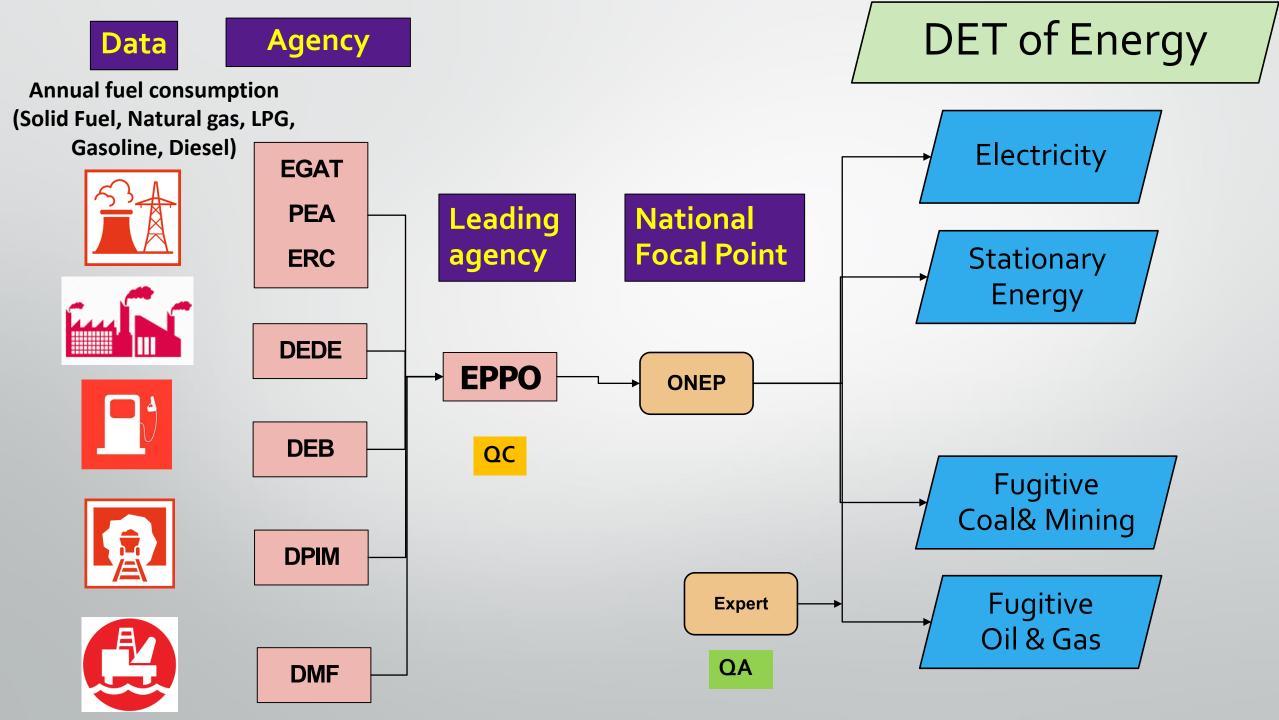


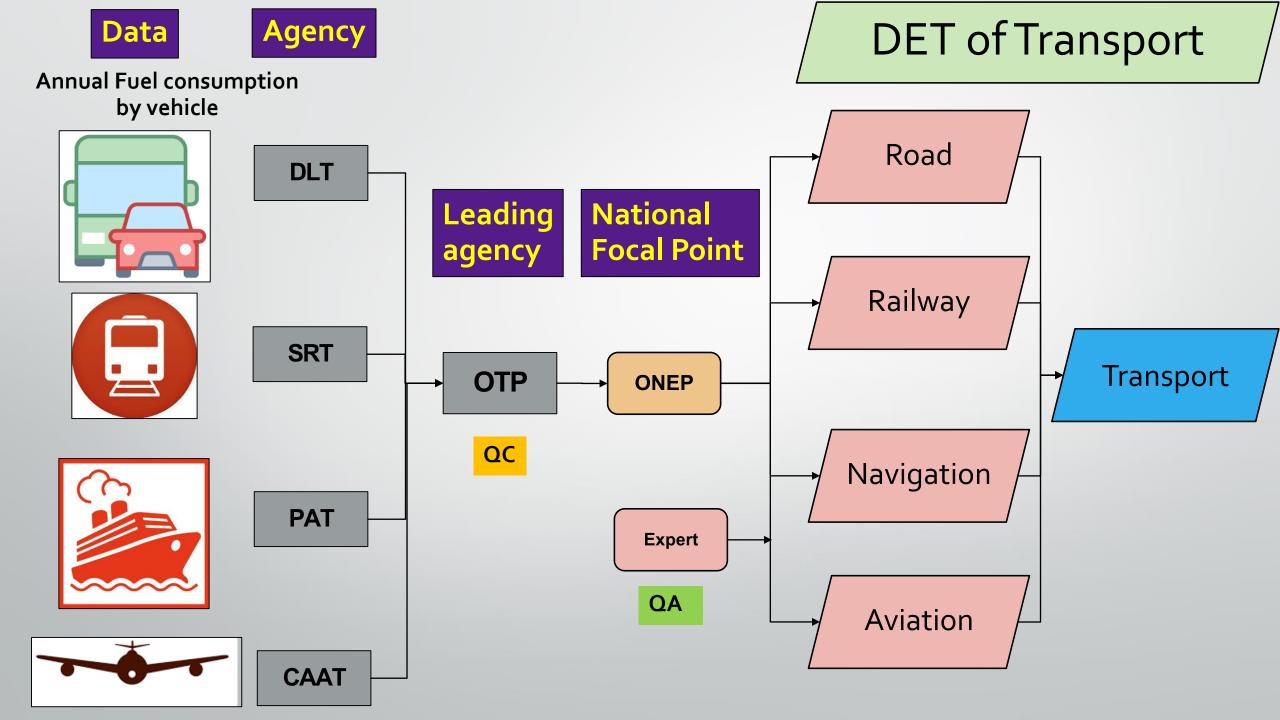


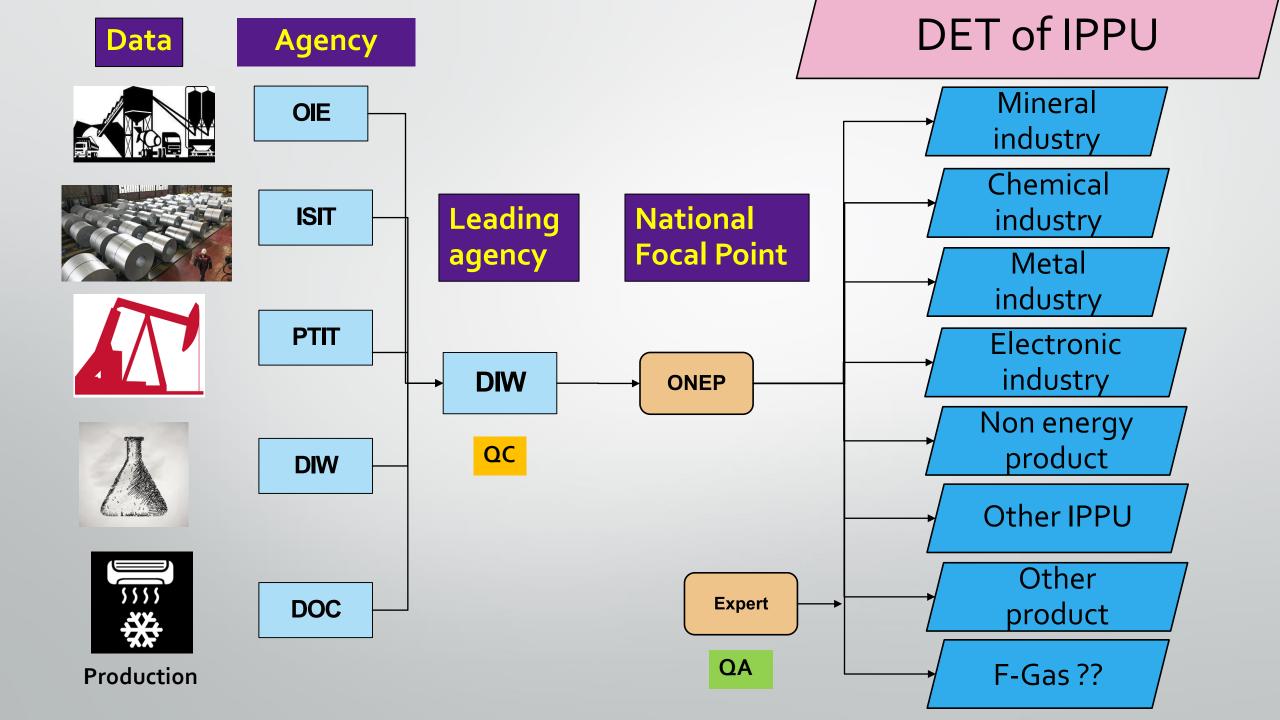
Development of collection and reporting GHG inventories guidelines (2015-2018)

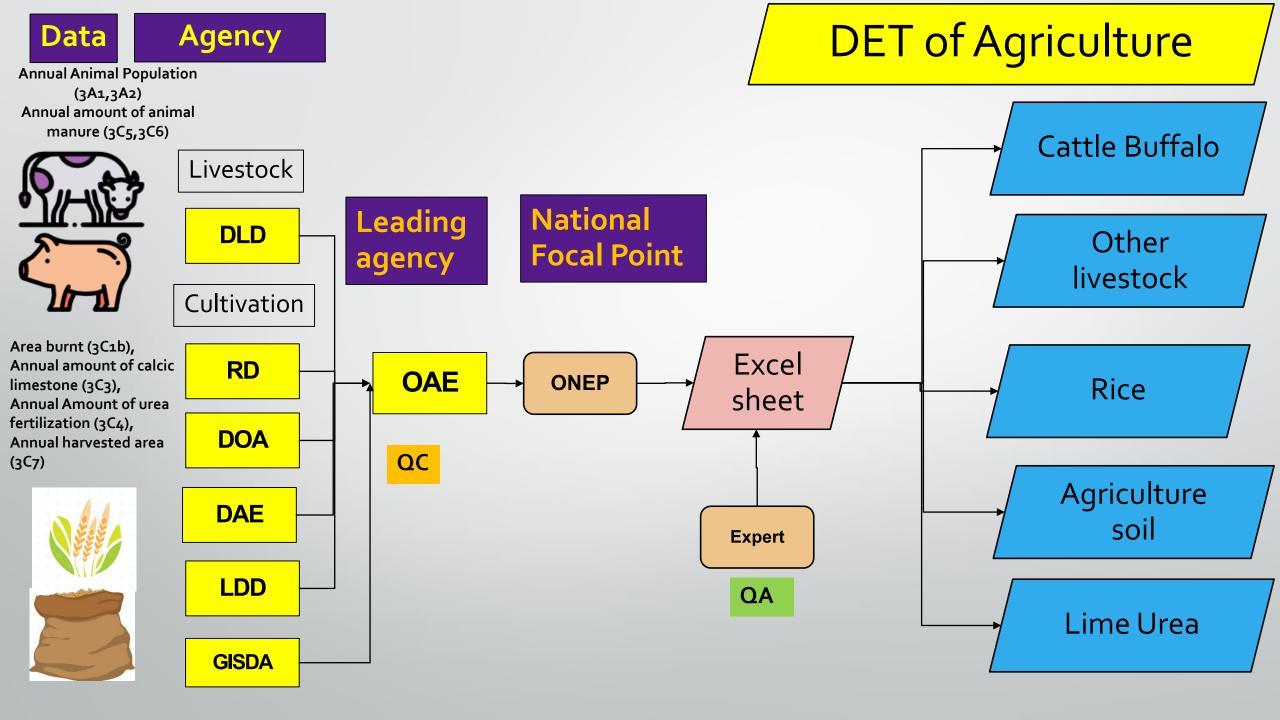
Thailand Greenhouse Gas Emission Inventory System (TGEIS) (2016-2019)





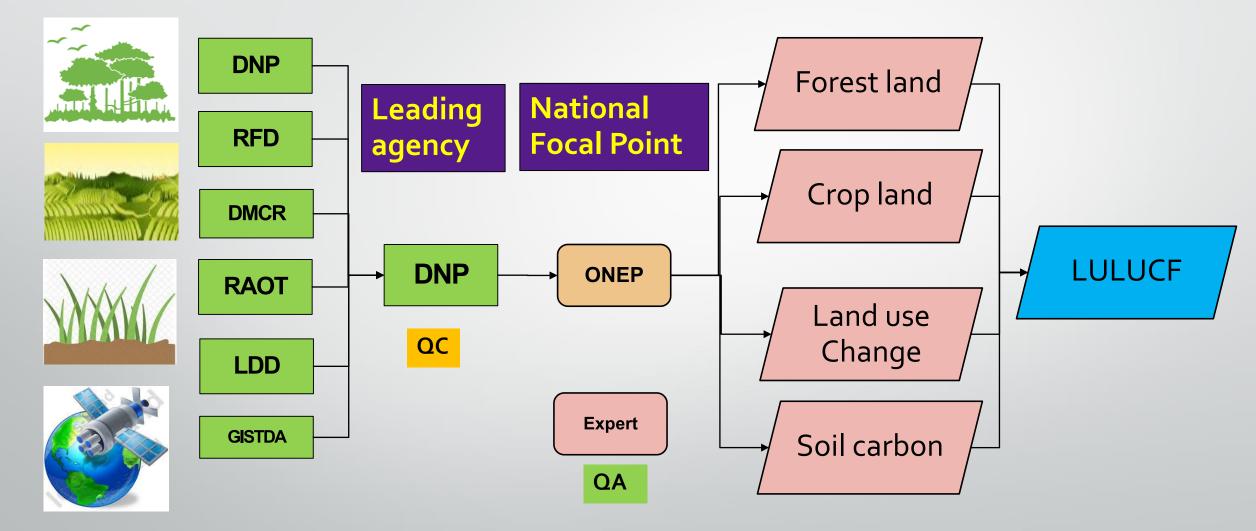








DET of LULUCF

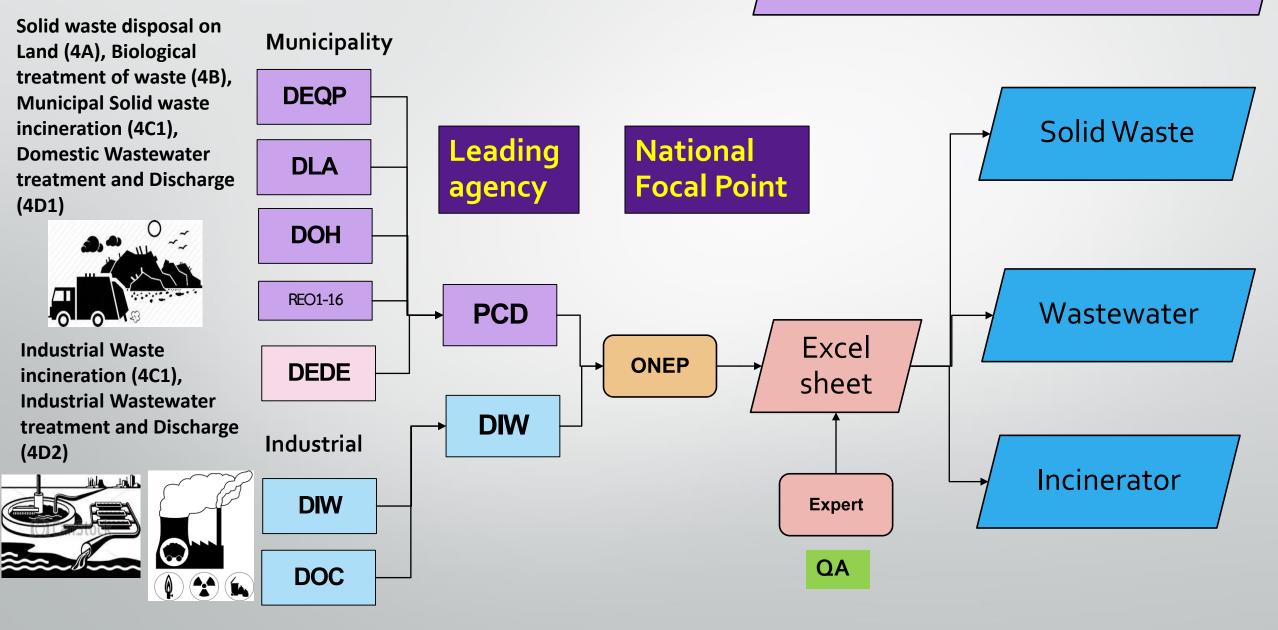


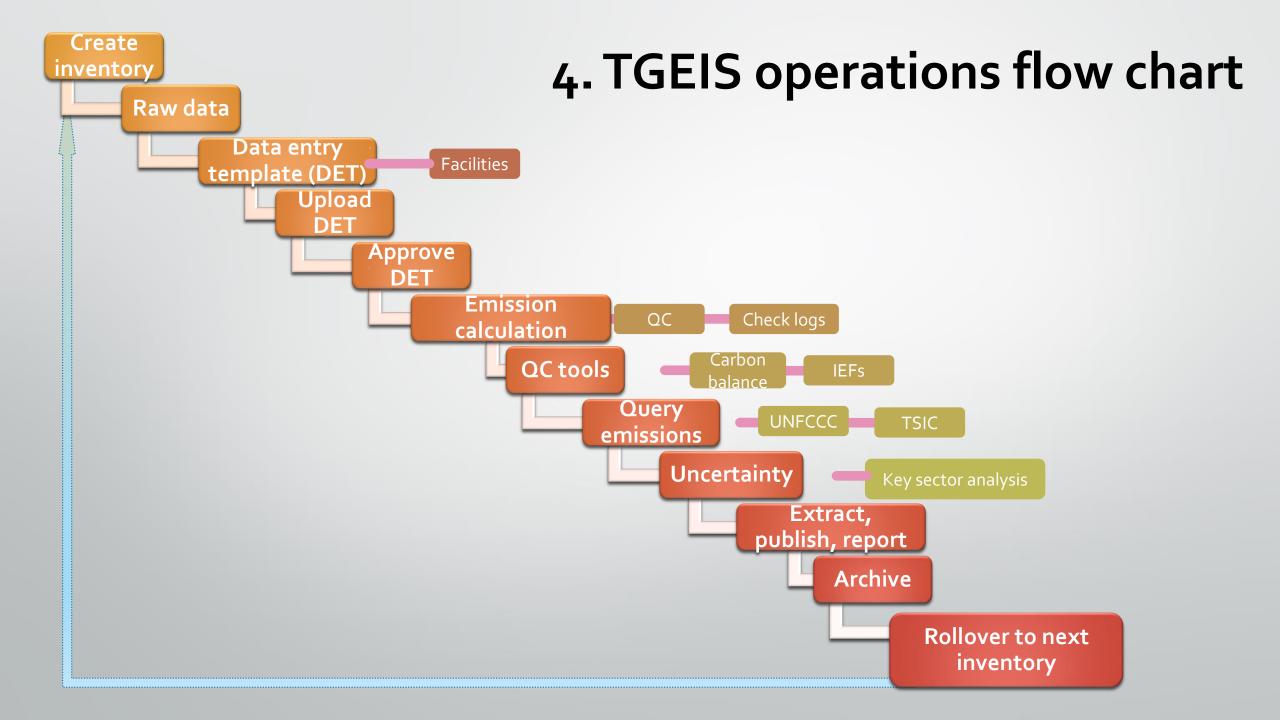
Annual growth / living biomass/ Soil carbon / Land use area





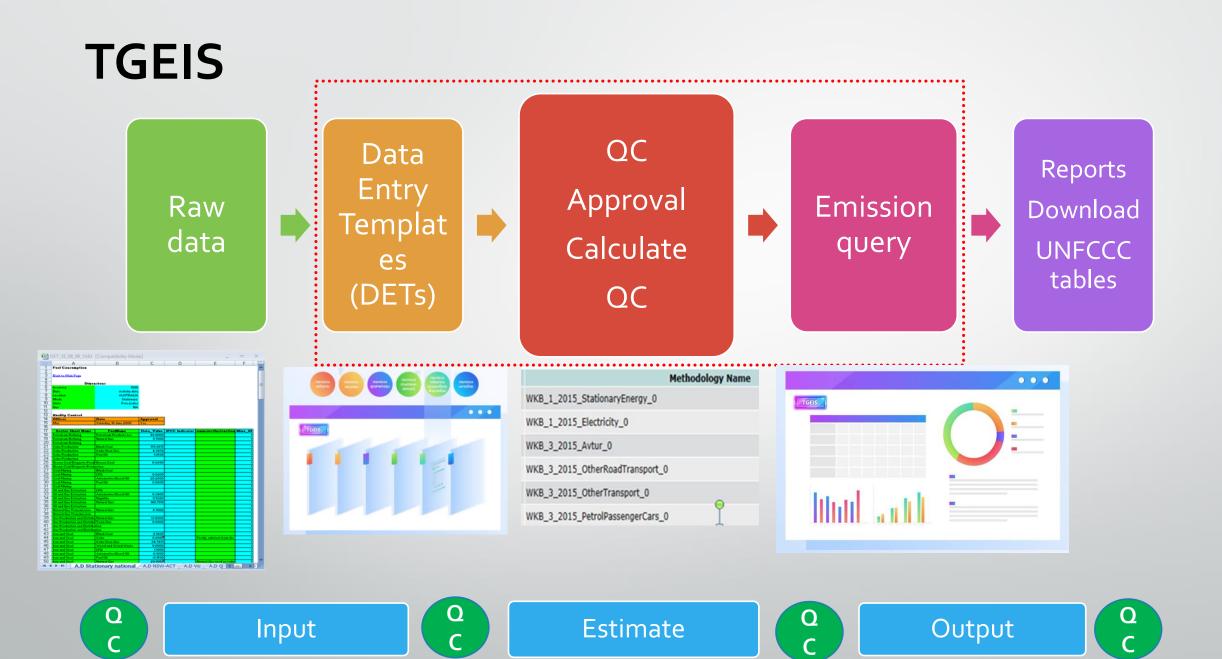
DET of Waste





Key functions for inventory management

New inventory	Recalculations	Archive inventory	Efficiency
 Create new Inventories Flexible frequency 	 New methods New data 	 Store completed inventories & inputs Retrieve and query 	 Rollover previous data into new inventory Not need to re-enter data



5. Challenge

Transition to the 2006 IPCC Guidelines for National GHG Inventories in all sectors and enhancing the capacities of national staff involved in the inventory process.

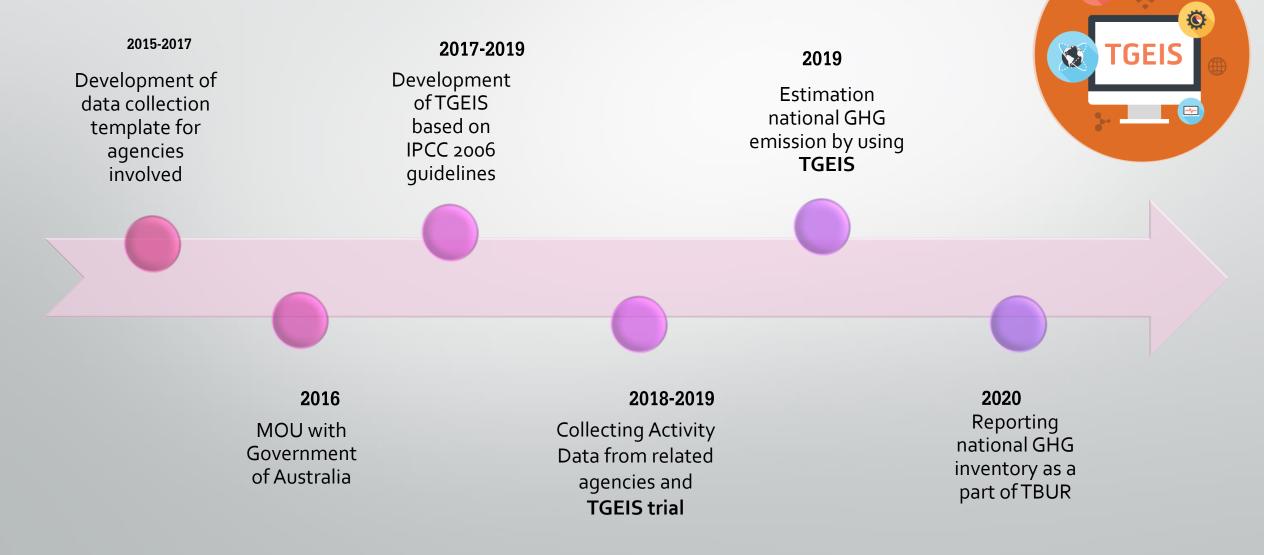
Move to higher tier particularly for key categories sub-sector.

Collecting data from private sector, currently there are no regulations.

Improving data collection and methodology for F-GAS and LULUCF sector.

Next Step

Transitional processes for using IPCC 2006 methodology in Thailand





Thank you

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