



THAILAND'S THIRD BIENNIAL UPDATE REPORT

19th Workshop on GHG Inventories in Asia (WGIA19)

11th July 2022



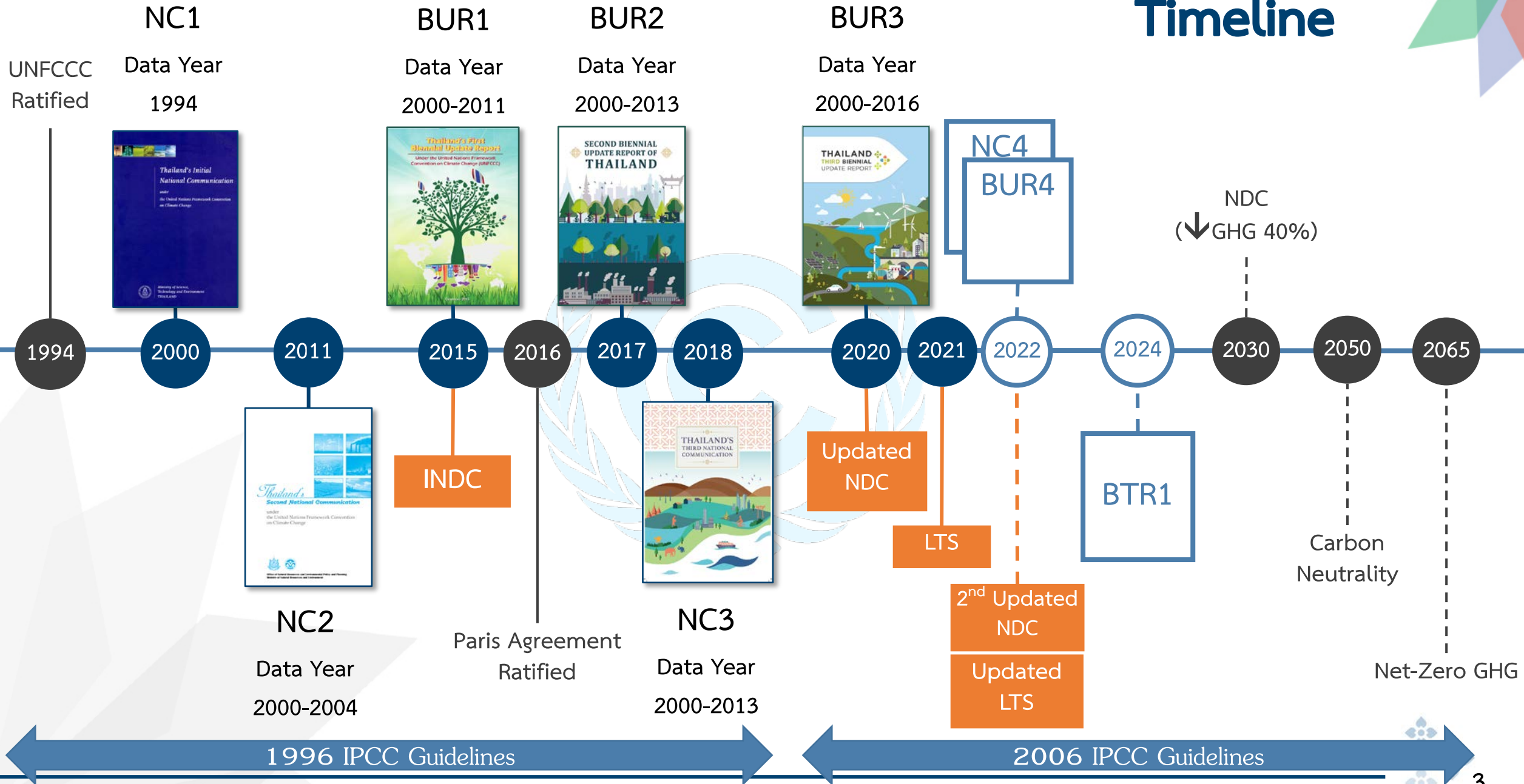
*Empowered lives.
Resilient nations.*

OUTLINE

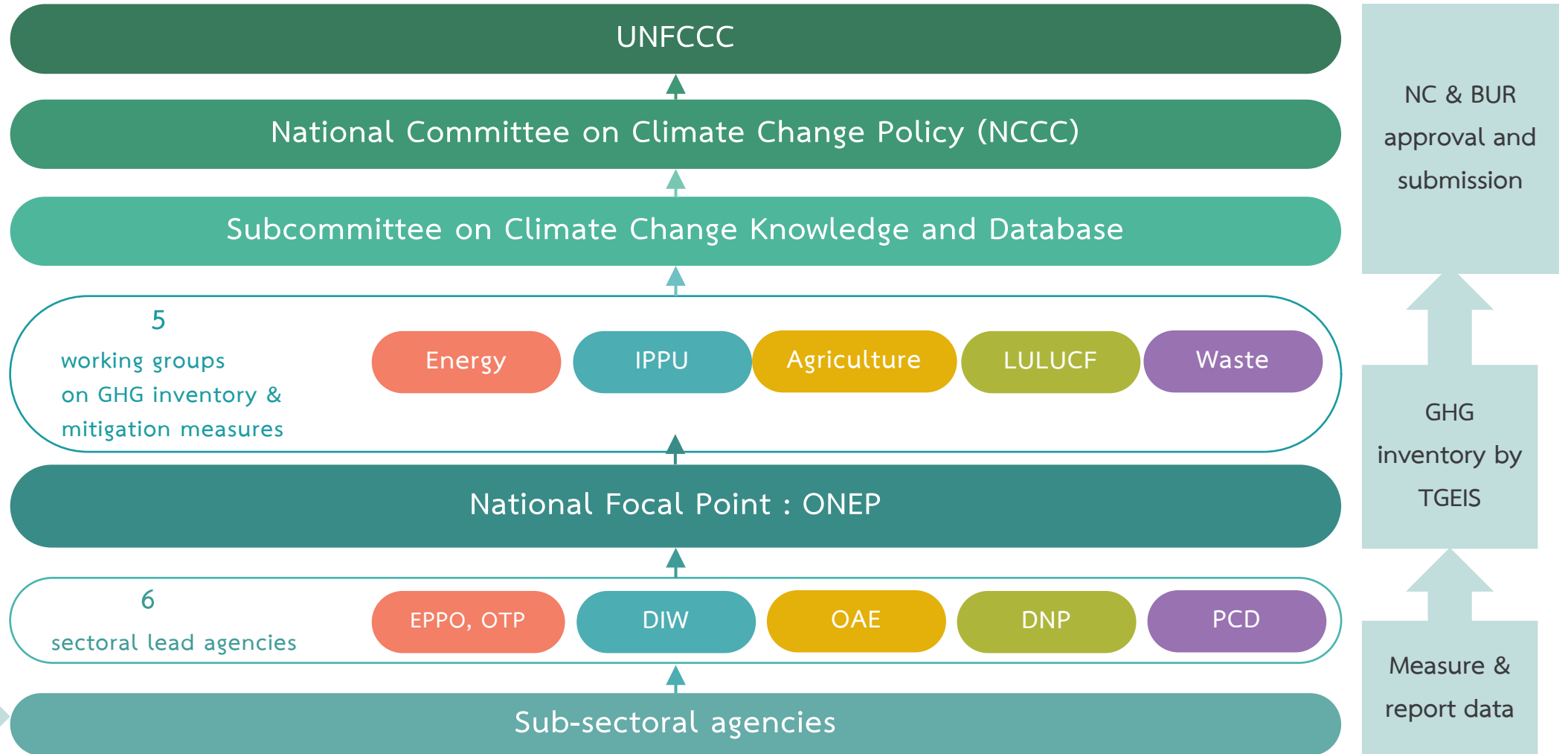
- ❖ Timeline
- ❖ Institutional Arrangement for GHG Inventory
- ❖ GHG Emissions and Trends by Sector
- ❖ Transition to ETF
- ❖ Gaps and Needs
- ❖ Support Received



Timeline



Institutional arrangement for GHG inventory



GHG emissions and trends by sector

2016 GHG Emissions and Removals



Waste

16,771.89 GgCO₂eq

4.73%

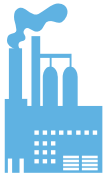


Agriculture

52,158.70

GgCO₂eq

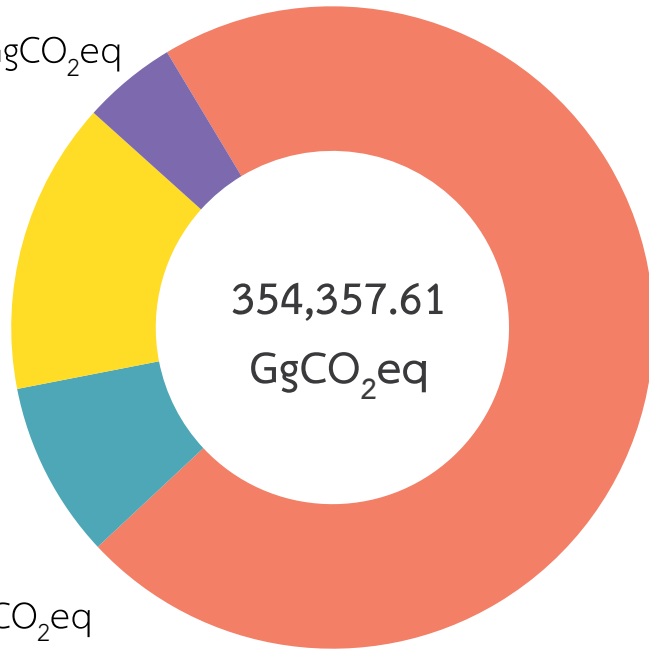
14.72%



IPPU

31,531.41 GgCO₂eq

8.90%



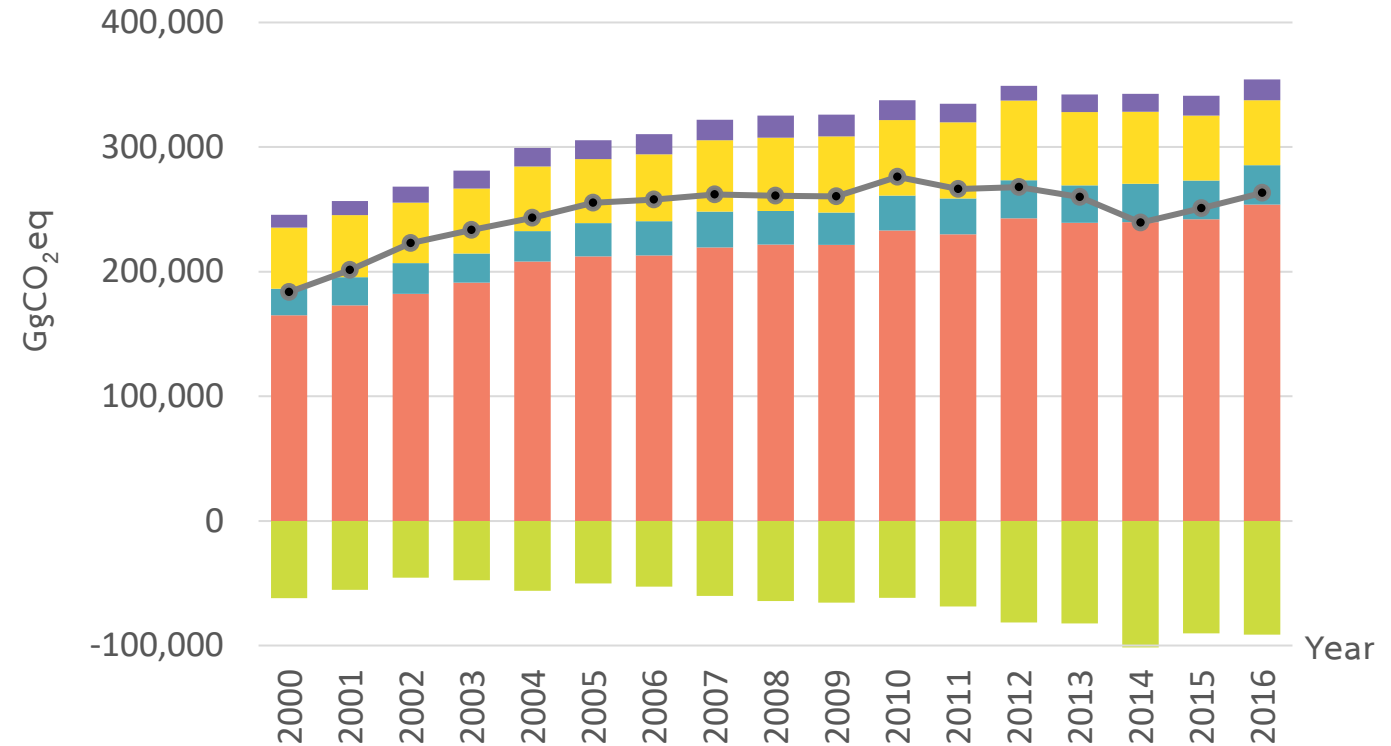
Energy

253,895.61 GgCO₂eq, 71.65%

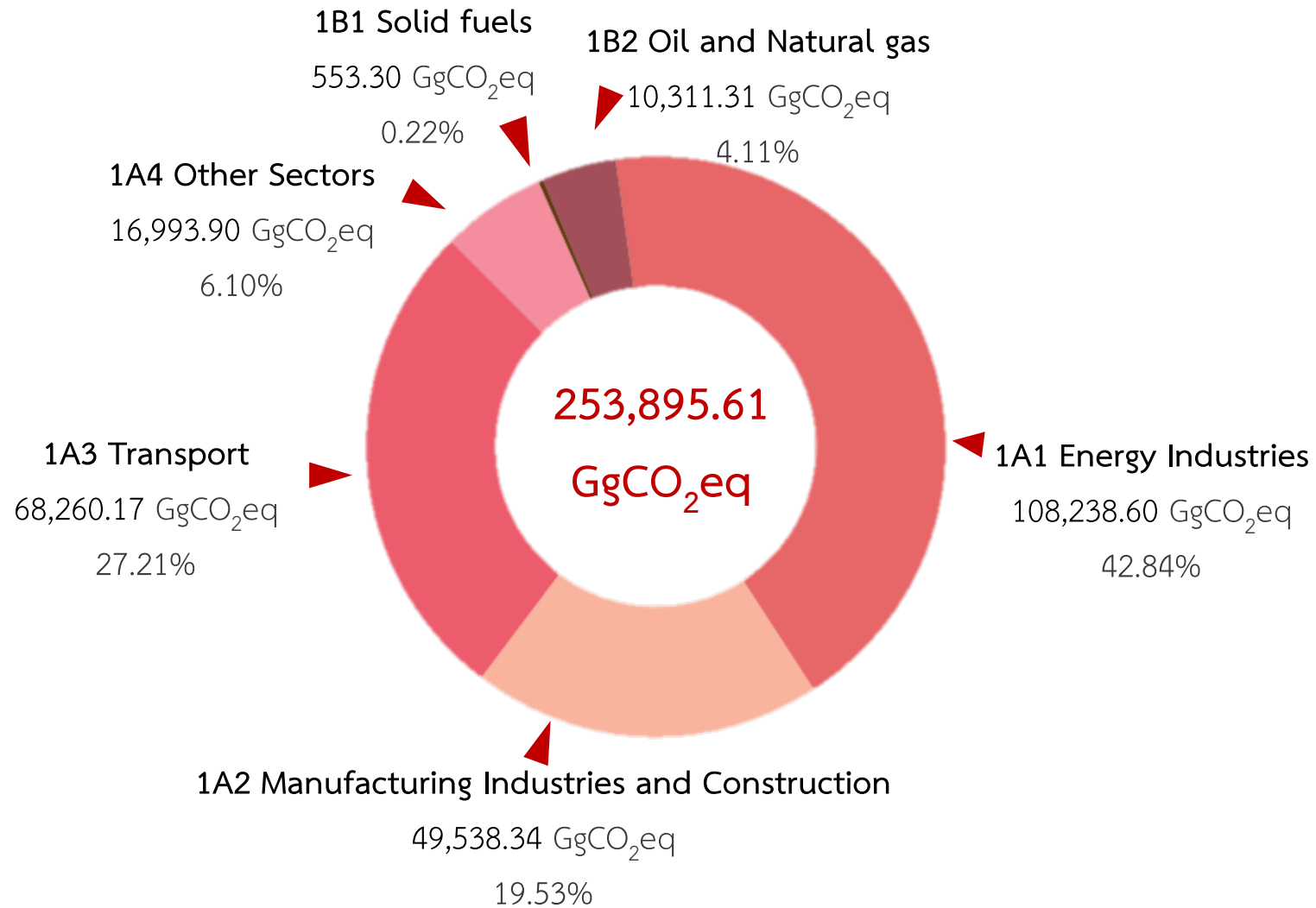


LULUCF

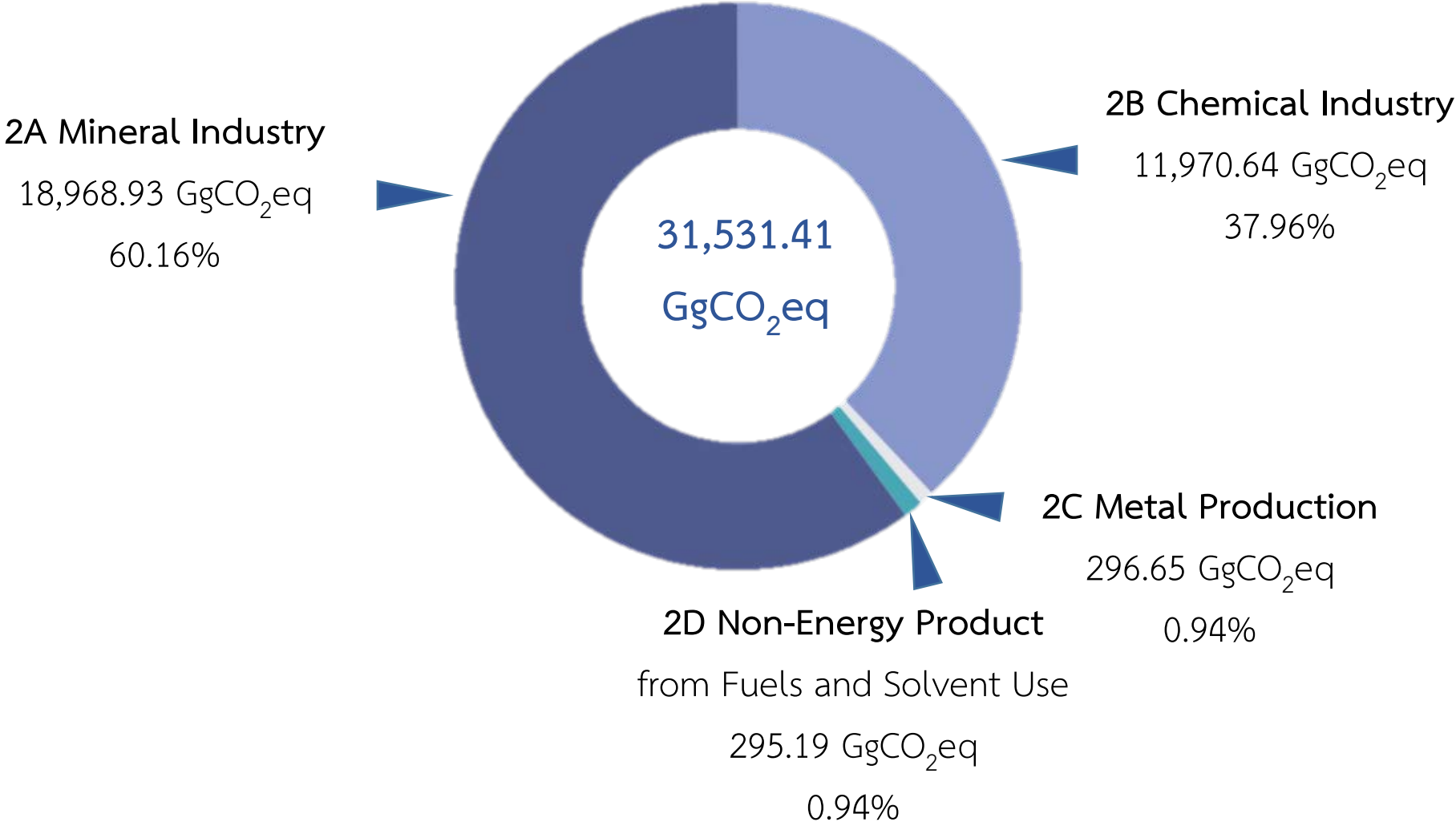
-91,134.15 GgCO₂eq



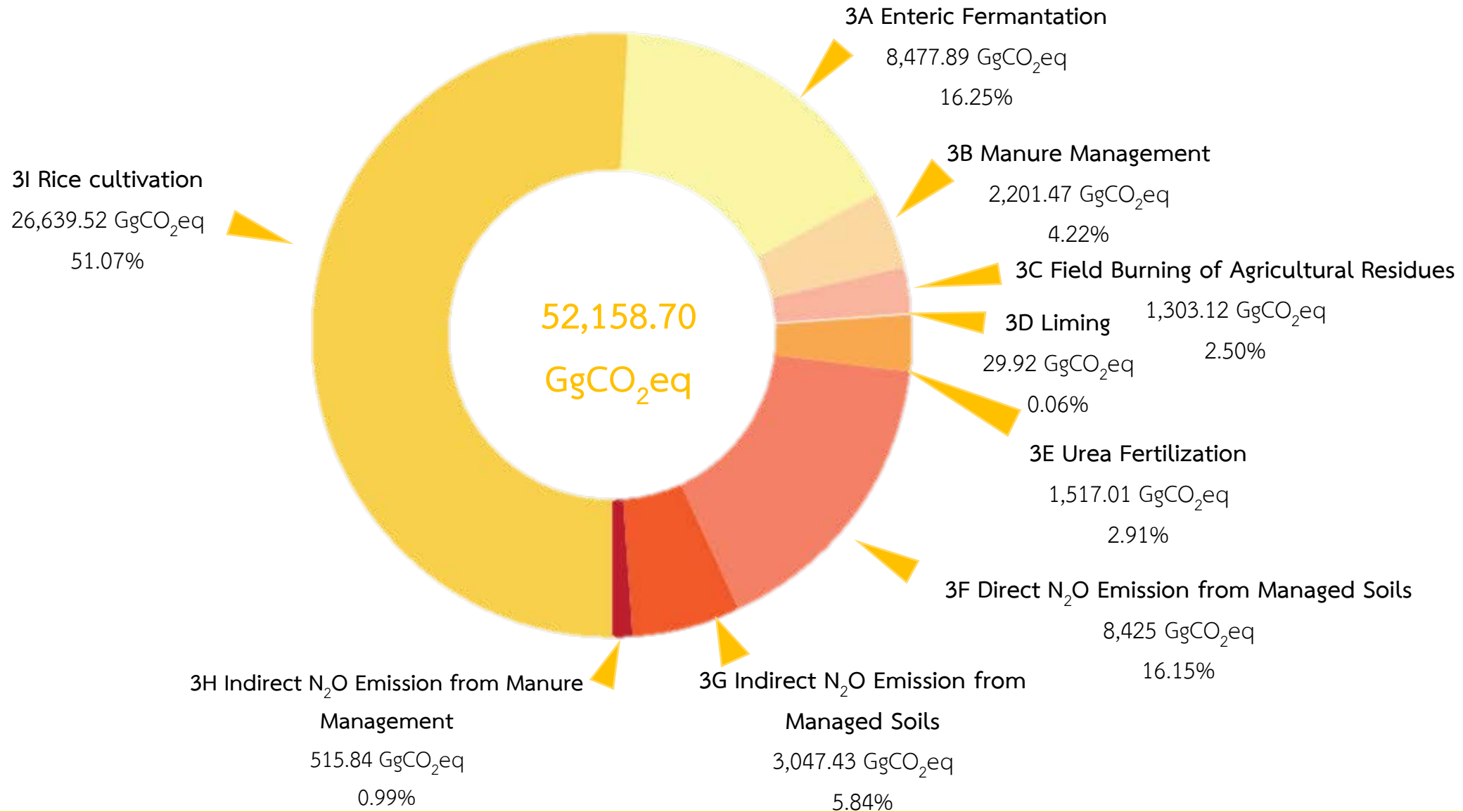
Energy sector



IPPU sector



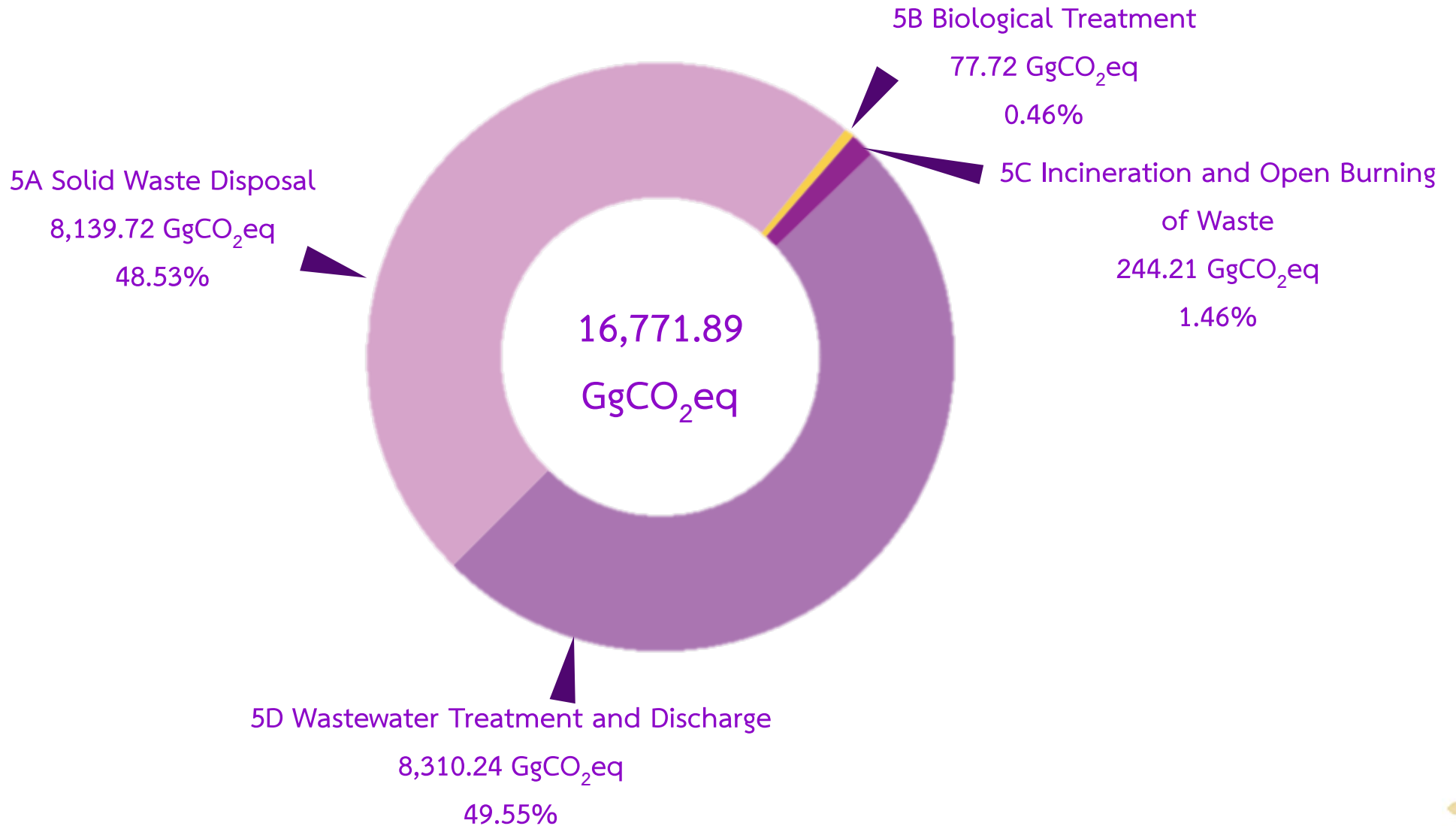
Agriculture sector



LULUCF sector



Waste sector



Transition to ETF

Ongoing work and preparations to facilitate the transition to the ETF

- ❖ Updating TGEIS to support ETF reporting requirements
- ❖ Implementing the CBIT project (2021-2024) that aims to strengthen Thailand's institutional and technical capacities to comply with the ETF
- ❖ ONEP 2022 projects:
 - ❖ Developing MRV system to cover NDC and update the NDC tracking system following CTF requirements
 - ❖ Thailand GHG Mitigation Action system and Climate International Collaboration Program (CICP)

Gaps and Needs

- ❖ Developing country-specific emission factors
- ❖ Developing activity data collection for gases/categories not currently estimated or for upper tiers
- ❖ Enhancing the professional capacities of national experts involved in the inventory process

Support Received



- ❖ Thailand Greenhouse Gases Emissions Inventory System (TGEIS)



- ❖ QC templates for activity data and parameters



- ❖ CBIT project



THANK YOU