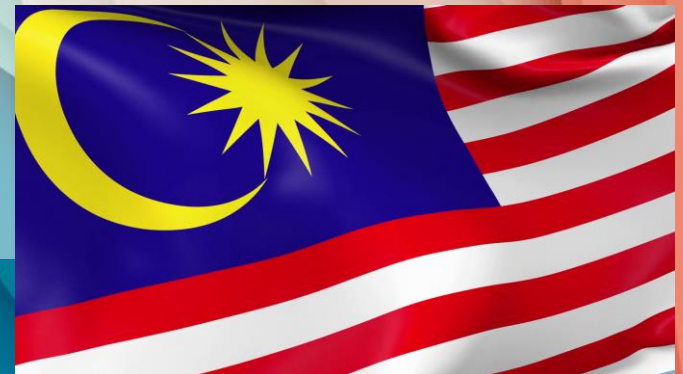


WORKING WITH THE IPCC INVENTORY SOFTWARE: EXPERIENCES FROM MALAYSIA

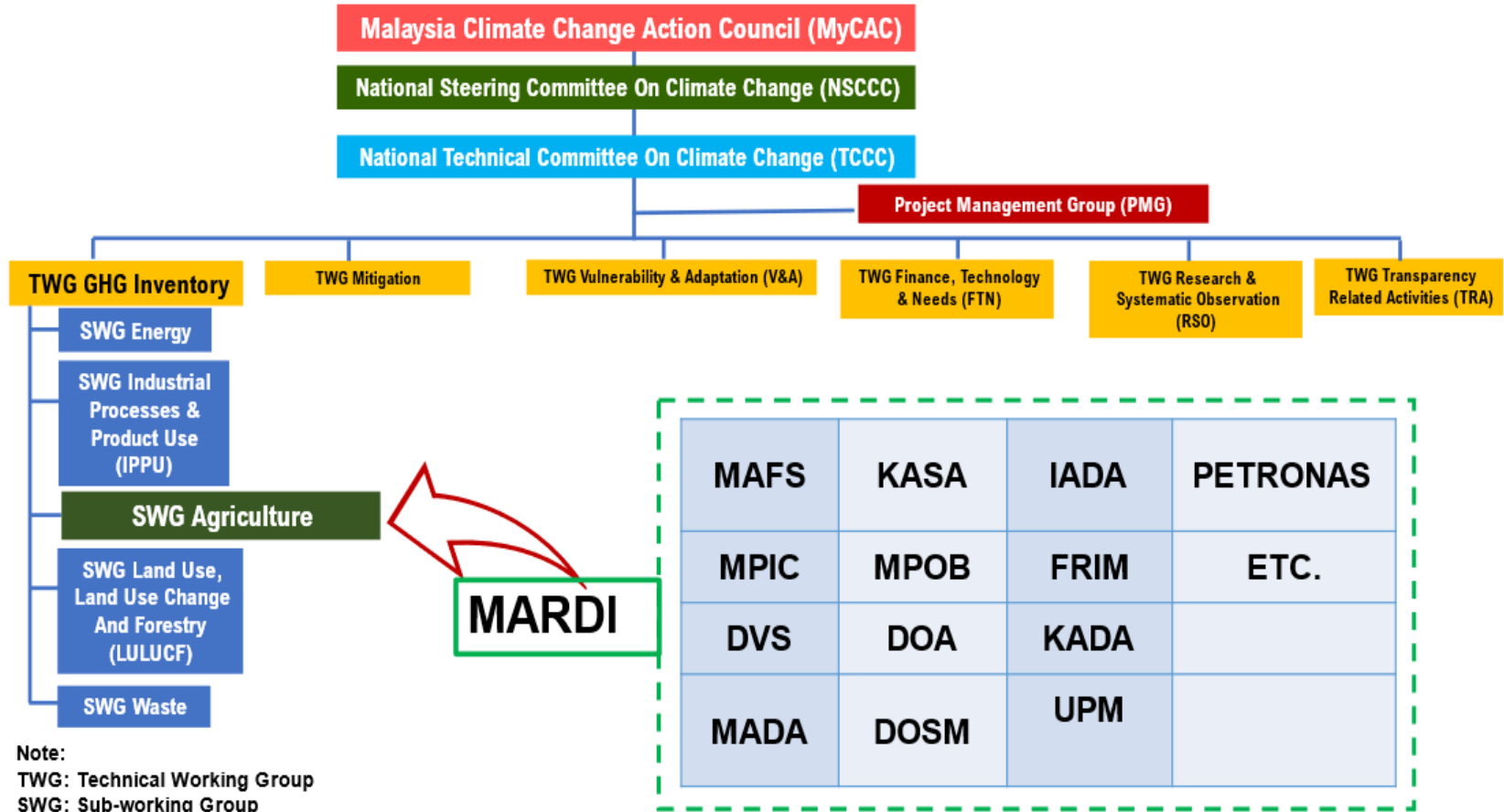
DR. MOHD SAUFI BASTAMI

MALAYSIAN AGRICULTURAL RESEARCH
AND DEVELOPMENT INSTITUTE
(MARDI)

2024



MALAYSIA INSTITUTION ARRANGEMENT FOR THE INVENTORY REPORTING



Rozimah Mohd Rasdi-

Mohd Aziz Rashid-

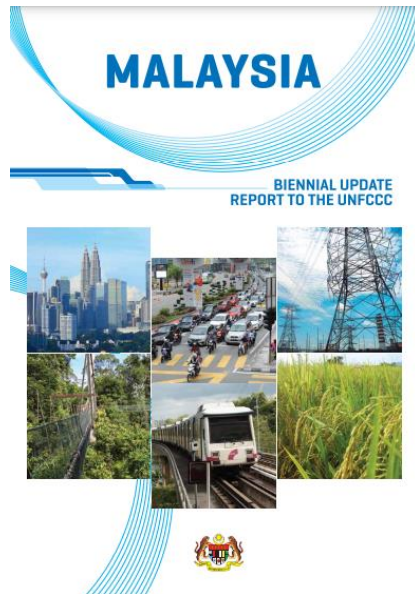
Mohd Saufi Bastami-

Mohd Fairuz Md
Suptian-

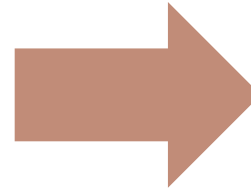
TEAM LULUCF dan NRES



EVOLUTION OF MALAYSIA'S EXPERIENCE USING THE SOFTWARE



**First used in
Malaysia's
BUR1 (2015)**

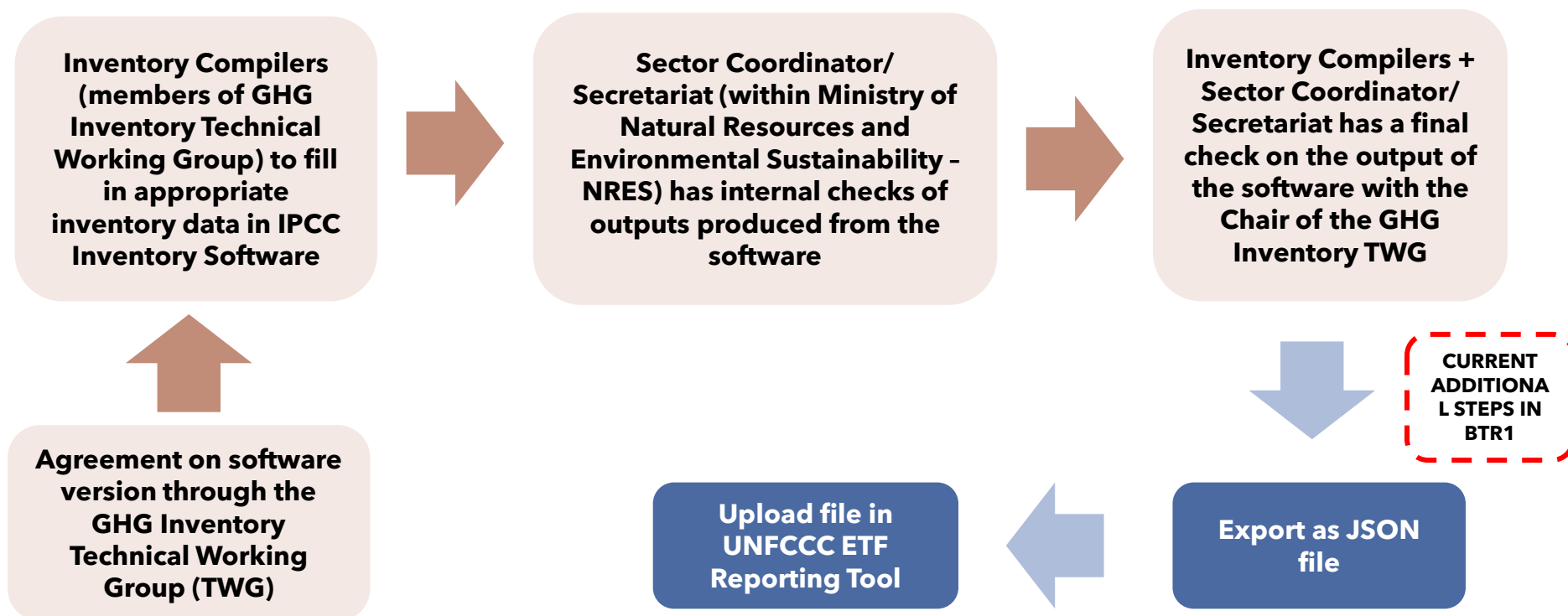


**Ongoing
work in
Malaysia's
First BTR
(BTR1)**

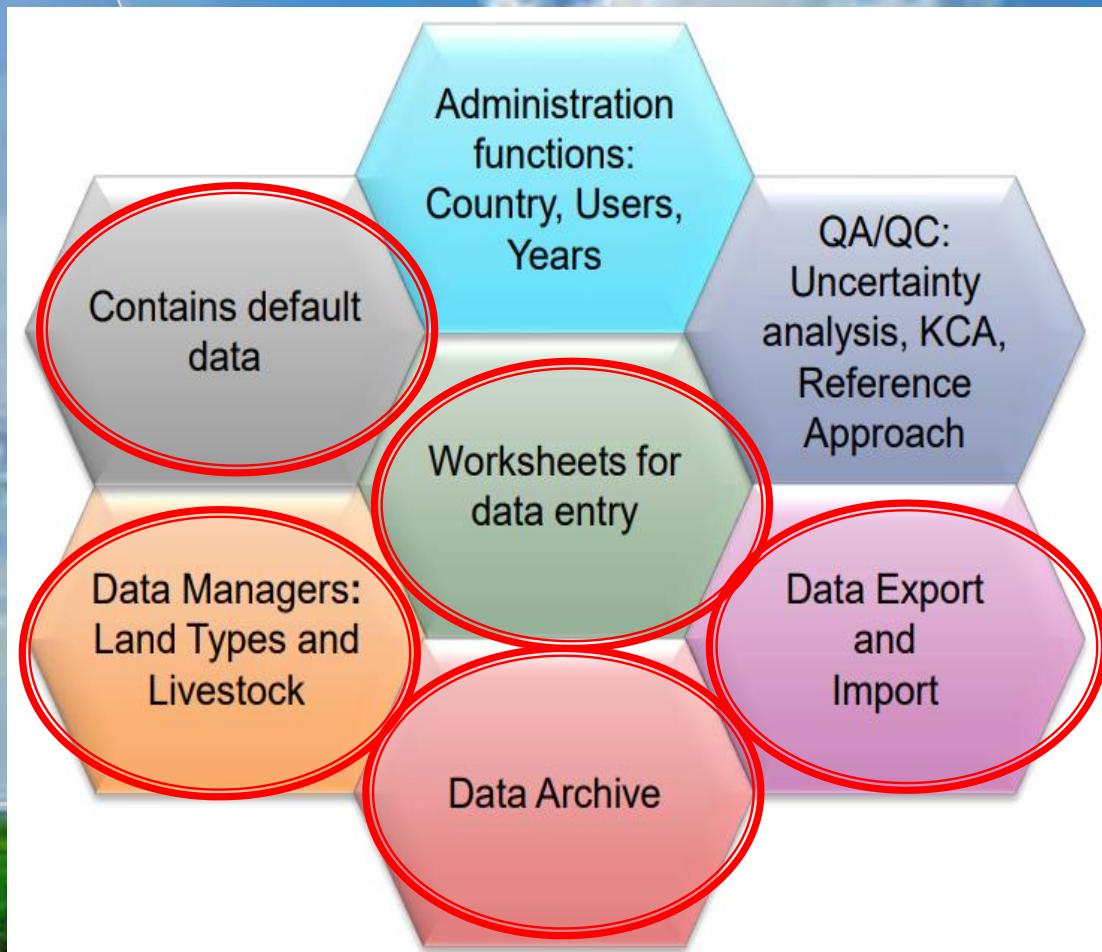
*Software
current
version
used: 2.92

- The IPCC Inventory Software was used to generate the GHG inventory estimates. External spreadsheets as provided in the 2006 IPCC Guidelines were also created as a check on the calculations from the software.

WORK PROCESS FLOW



SOFTWARE FUNCTIONS USED BY MALAYSIA



History Agri User

- ▶ Earlier than 2017 if not mistaken
 - ▶ ALU and IPCC (training)
- ▶ Frequently used by energy sector and agri for sectoral reporting
- ▶ Mainly for counter checking calculation and completeness
 - ▶ Align with the IPCC 2006
- ▶ Inventory software- seasonal use



Challenges

- ▶ Software mainly 1 person use / manager (sector)
- ▶ Capacity building- Expertise within sector, subsector, expertise in each sub sector?>>> Retaining expertise and the need for continuous capacity-building
- ▶ Loss of expertise (shift/transfer etc)
- ▶ Lack of expertise within focal agency / country
- ▶ Upgrading- major changes (2.69-2.8 and above)- multiple headaches
- ▶ Latest 2.93 released 18 August- sectoral writing phase!
- ▶ Cross cutting sector- compiling
- ▶ Multiple upgrading

Challenges

- Cross-cutting – JSON file to ETF Tools
- Sectoral
 - IPPU – Issues on the key in of f-gasses
 - Energy – Issues on the key in of transportation category
 - Agriculture – xxx
 - LULUCF - xxx
 - Waste - xxx

Newer version after 2.69

- ▶ NAPA
- ▶ Super user > user
- ▶ Sector user AD work frame
- ▶ More detail, more complicated, but becomes easier when used to the system
- ▶ Only thing is, how often using it, not focused to inventory work

Moving /way foward

- ▶ Further capacity-building required to ensure seamless & consistent usage of IPCC software
 - Series of training– basic to advance
 - Capacity building by sector and cross cutting
- ▶ Exploring additional features of the IPCC software such as QA/QC process (uncertainty assessment & KCA)
- ▶ Online helpdesk, virtual to assist. Till now json file not solved.

THANK
YOU

TƏŞƏKKÜR
EDİRƏM

terima
kasih