Institutional architecture of national MRV system differentiated by sectors

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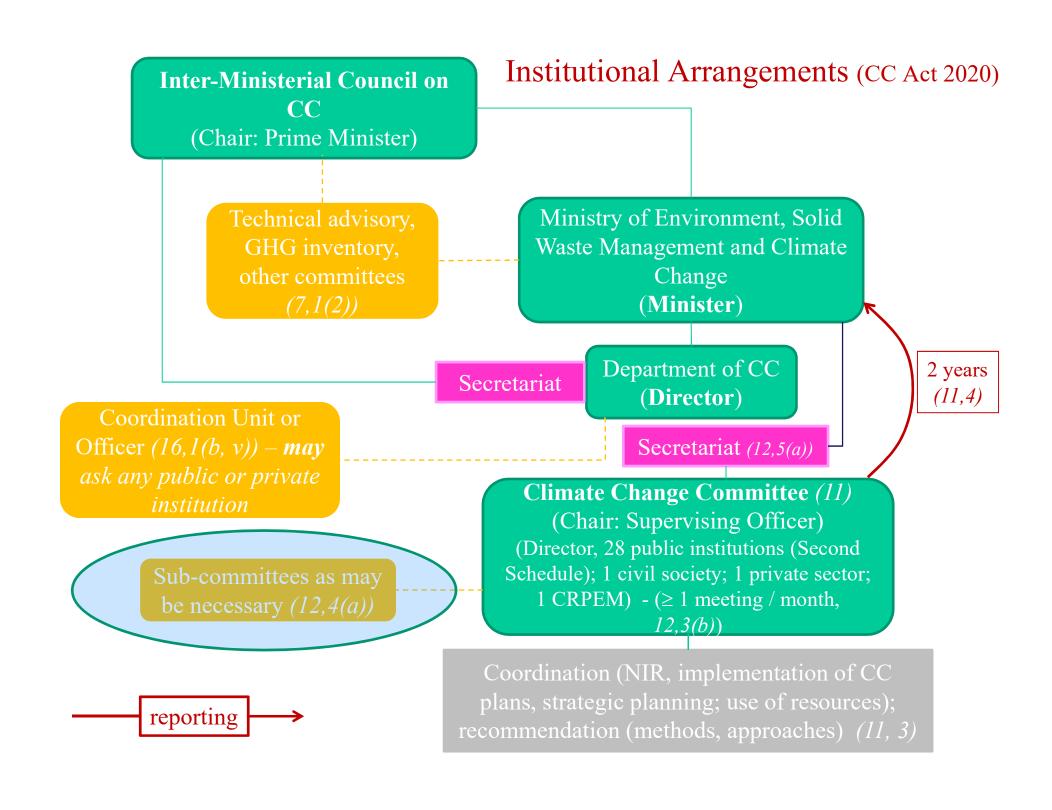
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Overview

- 1. Institutional architecture for CC mitigation
 - Case made for MRV by IPCC sectors
- 2. Proposed institutional arrangements for MRV systems by emitting sectors
- 3. Examples of proposed sectoral MRV system

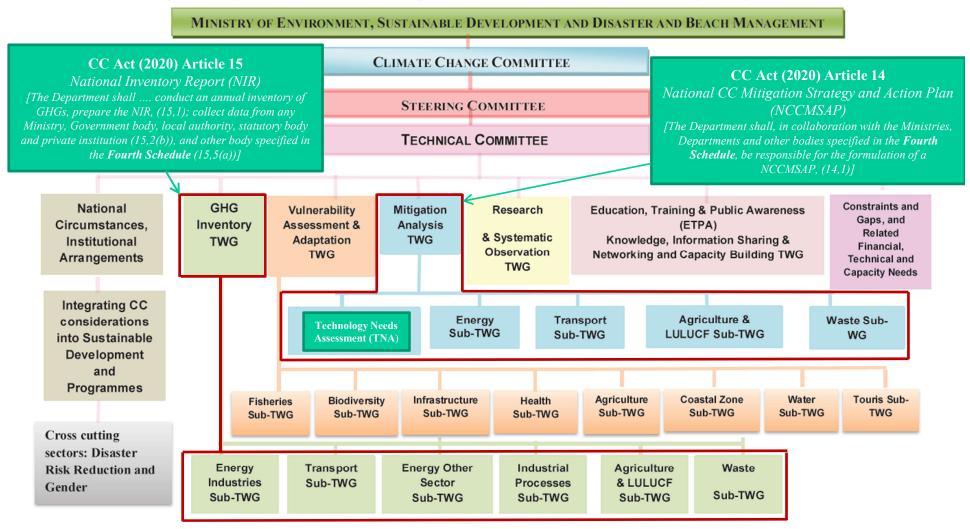
Institutional architecture for CC mitigation

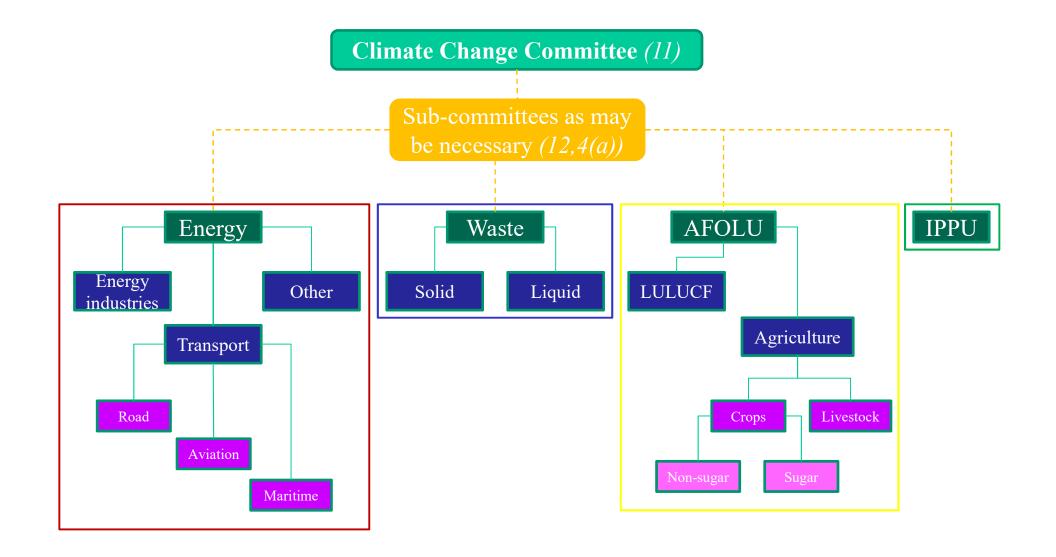
(a recap)



Existing sub-committees (UNFCCC-related initiatives)

Figure 1.18 Proposed sustained institutional arrangement for National Communications and Biennial Update Reports





Institutional Mapping

(Fourth Schedule CC Act (2020))

No need to reinvent the wheel

GHG Inventory Sub-TWG

Energy Industries Chair

Central Electricity Board (CEB)

- Statistics Mauritius
- MEPU
- Onmicane Ltd
- Terragen Ltd
- State Trading Corporation
- University of Mauritius
- Mauritius Standards Bureau
- Alteo Ltd
- Mauritius Cane Industry Authority
- Coal Terminal Ltd
- MoESWMCC
 - Climate Chante Department
 - Pollution
 Prevention and
 Control Division
 - EIA/PER
 Monitoring
 Division

MARENA, Min Blue Economy, EEMO, MRIC, URA, University Technology, Mauritius

Transport (Road Transport, Aviation & Navigation) Chair

National Land Transport
Authority

- · Statistics Mauritius
- Civil Aviation Department
- · Air Mauritius Ltd
- Tourism Authority
- Airports of Mauritius Ltd
- MPI
 - Land Transport Division
 - Mechanical Engineering Division
- MoEMRFSOI
 - Shipping Division
 - Albion Fisheries Research Centre
- Mauritius Shipping Corporation Ltd
- Mauritius Ports Authority
- MoESWMCC
 - Climate Change Department
 - Pollution Prevention and Control Division

MARENA, Min Land Use Planning, EEMO, STC

Energy Other Sectors (Residential, Commercial,

Manufacturing) Chair

Statistics Mauritius

- MICCP
 - Commerce Division
- MoESWMCC
 - Pollution
 Prevention
 Control Division
 - Climate Change
 Department
- AHRIM
- Mauritius Export Association
- Business Mauritius
- Mauritius Export Association

MARENA, EEMO, STC

Industrial Processes Chair

MICCP (Industry Division)

- · Statistics Mauritius
- MoESWMCC
 - Ozone Depletion
 Unit
 - Climate Change Department
- Mauritius Chamber of Industry and Commerce
- Samlo Ltd
- MCFILtd

Agriculture & LULUCF

Chair MoA&FS FAREI (Crop) Forestry Services

- Statistics Mauritius
- MoA&FS
 - FAREI (Livestock)
 - Land Use Division
 - Veterinary Services Division
- Mauritius Meat
 Producers' Association
- Ministry of Housing (Cartography Section)
- Mauritius Cane Industry Authority
- Omnicane Ltd
- Mauritius Chamber of Agriculture
- MoESWMCC
 - Climate Change Department

Min Land Use Planning, Terragri, Alteo Agri

Waste Chair

MoESWMCC, SWM Division

Wastewater Management Authority

- Statistics Mauritius
- Ministry of Health and Quality of Life
- National Environment Laboratory
- AHRIM
- MoESWMCC
 - Climate Change Department
 - Pollution Prevention and Control Division

Min Local Govt

Duties of Institutions (Article 16, CC Act 2020)

- (1) (a) For the purposes of this Act, the **Director** may **issue** such **directives** as may be necessary to **any public or private institution**.
 - (b) The Director may, pursuant to paragraph (a), require any institution to –
 - (i) carry out vulnerability and risk assessments and implement measures for adaptation and mitigation;
 - (ii) take into account climate change in its strategies, action plans and other policies;
 - (iii) implement measures specified in the National Climate Change Adaptation Strategy and Action Plan and the National Climate Change Mitigation Strategy and Action Plan;
 - (iv) report on sectoral greenhouse gas emissions for the National Inventory Report;
 - (v) establish a unit with adequate staff and financial resources, or appoint an officer, to implement the implementation of climate change measures;
 - (vi) monitor and review, at such regular intervals as the institution considers necessary, the implementation of the measures referred to in subparagraph (iii);
 - (vii) report, as and when required, to the Department on the status and progress of the implementation of the duties referred to in subparagraphs (i) to (vi).

MRV for mitigation actions (a sectoral perspective)

EXAMPLE OF SECTORAL MRV INDICATORS

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