

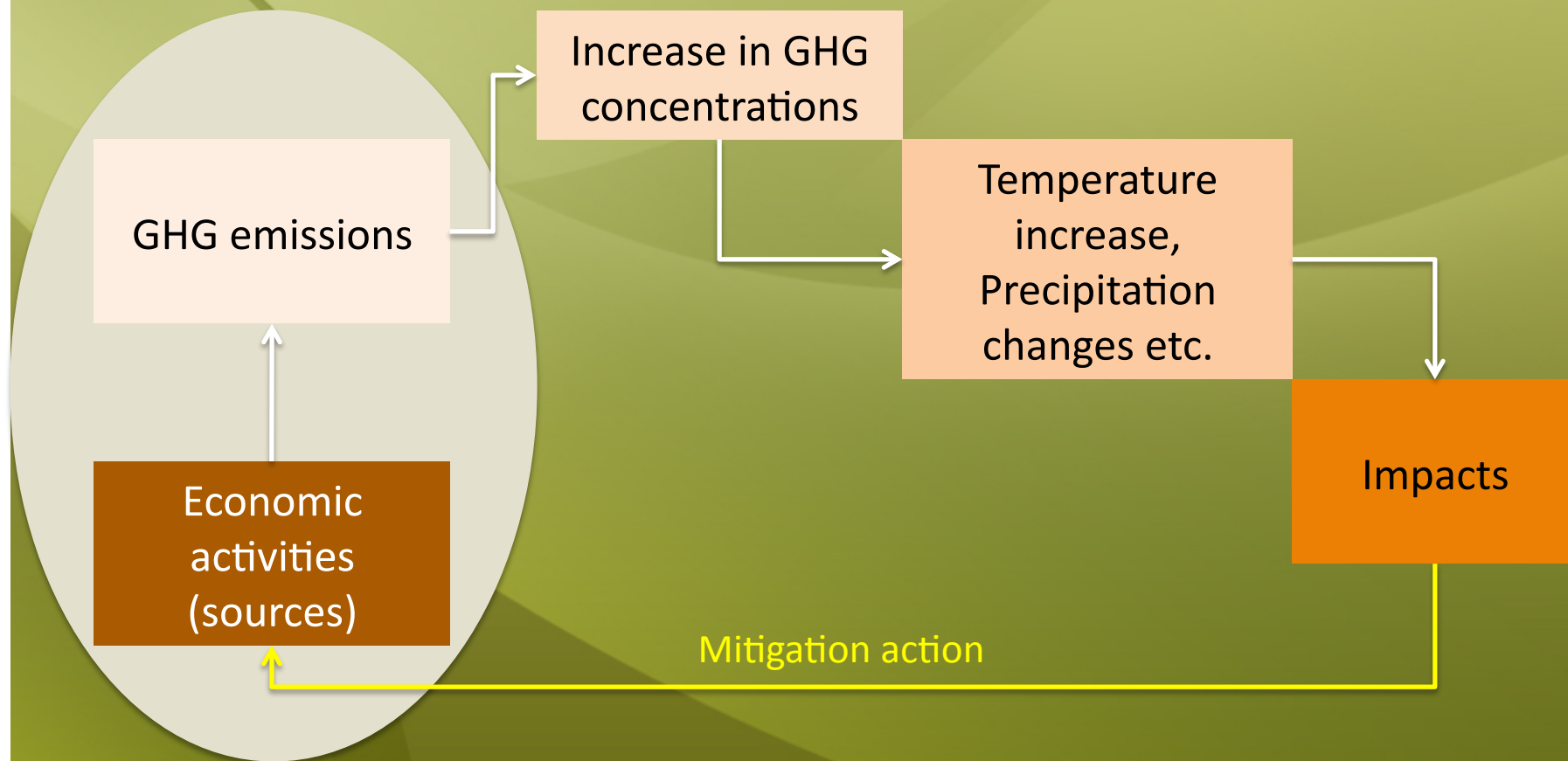
# Measurement, Reporting and Verification in the international context



the society of greenhouse gas professionals

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# The role of GHG data

- Backbone of any process involving mitigation action
- Used for different purposes and at different levels:
  - International: to assess compliance of Parties with commitments (UNFCCC/KP)
  - Regional: to identify key sectors/gases
  - National: to design appropriate activities
  - Project: to monitor effectiveness

# Some key considerations

- How to accurately measure and account for GHG reductions?
- How to make sure that durable, lasting, and real reductions are taking place?
- How to ensure that the system of enforcing these reductions is fair and transparent?

# Current provisions

- National/International level:
  - Reporting of GHGs in the context of national GHG inventories and national communications (all countries with CBDR)
  - Review process (developed countries only)
- Project/International level:
  - CDM/JI measurement/estimation; reporting; and verification procedures

# Accuracy

- Use of internationally developed and accepted methodologies
- Use of best available national data and emission factors (peer reviewed)
- Review of information:
  - QA/QC
  - Comparison with other countries' data
  - Comparison with int'l data
  - Assessment of uncertainties



# Permanence - Real

- Highly desirable but difficult to ensure particularly for some sectors
- Provisions in place for LULUCF activities in terms of accounting procedures
- Real and additional reductions is one of the biggest challenges for CDM projects

# Fairness - Transparency

- Existing enforcing procedures apply across all developed countries
  - Due-process
  - Internationally agreed procedures
- Fairness in terms of geographical distribution of projects a particular concern for some developing countries



# MRV in a future agreement

- Key element of Bali Action Plan
- MRV for both developed and developing countries
  - Emissions reductions by developed
  - Assistance by developed countries
  - NAMAs (All? Supported? Unsupported?)

# Future implementation

- Mentality “shift”
- Robust system that addresses most (if not all) imperfections of the present system
- Reliable procedures and processes
  - International/national/project level
- Dedicated resources

# Future human requirements

- Diverse community of qualified, well-trained and ethical greenhouse gas accountants, verifiers, and managers.
- GHG professionals to support global systems for managing and reducing greenhouse gas emissions worldwide.

# Thank you



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