

Bulleted Summary of Chapter 2: Emission Trends and Drivers

- **Emission Trends** of the **Greenhouse gases**
- **Emission Trends** of the **consumption based CO2 emissions**
- **Emission Drivers**
- **Reducing Emissions**
- **Behavioural Choices**
- Emissions due to **infrastructure**
- **Policies** for emission management
- Existing **Knowledge Gaps**

Each section is further divided into following detailed subtopics:

- GHG emission trends:
 - Uncertainties related to emissions
 - Trajectory of emission trends
 - Trends at regional level
 - Trends in different sections
- Consumption based CO2 emission trends:
 - Uncertainties related to emissions
 - Global and regional trajectories
 - Separating emissions from economic growth
 - Emissions occurring due to trade
- Economic Drivers:
 - At regional and global levels
 - Sectoral drivers
 - Poverty and Inequality
 - Rapid and large-scale urbanisation
- Reducing Emissions:
 - By changing technology
 - By low carbon energy transition
 - Improved technology = faster adoption
 - Rapid adoption = accelerated energy transition
- Behavioral Choices and how they lead to emissions
- Emissions due to present and future infrastructure:
 - CO2 emission estimation for future
 - comparison of infrastructure emission with fossil fuel emissions
- Policies:
 - at the multinational level
 - National, Sectoral and cross-sectional level
 - Impact of the policies
- Existing knowledge gaps