

BULLETED SUMMARY CHAPTER 08 (URBAN SYSTEM AND OTHER SETTLEMENTS)

- The scope of the chapter: a focus on **urban systems**
- The urban century (**21st century**)
- Urbanization in **developing countries**
- Co-Benefits and trade-offs of **urban mitigation strategies**
 - i. Sustainable development
 - ii. Economic development, competitiveness, and equity
 - iii. Coupling mitigation and adaptation
- Urban systems and GHG emission
 - i. Trends in urban land use and the built environment,
 - ii. Informal urban settlements
 - iii. Trends in urban GHG emissions
 - iv. Scenarios of future urbanization and GHG emissions
- Urban mitigation options
 - i. Avoiding **carbon lock-in**
 - ii. Spatial planning, urban form, and infrastructure
 - iii. Electrification and switching to net zero emissions resources
 - iv. Urban green and blue infrastructure
 - v. Socio-behavioural aspects
 - vi. Urban-rural linkages, Cross-sectoral integration
- Governance, institutions, and finance
 - i. Multi-level governance
 - ii. Mitigation potential of urban subnational actor
 - iii. Urban climate networks and transnational governance

iv. Financing urban mitigation, Barriers and enablers for implementation

- A roadmap for integrating mitigation strategies for different urbanization typologies
- Mitigation opportunities for **established cities**
- Mitigation opportunities for **rapidly growing cities**
- Mitigation opportunities for **new and emerging cities**
- knowledge Gaps
- **COVID-19 and cities**
- Future urban emissions scenarios
- Urban emissions data