Agenda item 3 (b)
Major issues in transport: Towards environmentally sustainable transport systems and services
ESCAP/MCT/2021/3
**Energy consumption and emissions of the transport sector**

**Final consumption of oil products in the Asia-Pacific region by sector, 2018 (Percentage)**

- **Transport**: 52.23%
- **Industry**: 10.02%
- **Non-energy use**: 22.86%
- **Residential**: 7.70%
- **Commercial and public services**: 3.02%
- **Agriculture/forestry**: 3.31%
- **Fishing**: 0.24%
- **Non-specified**: 0.63%

**Carbon dioxide emissions from fuel combustion in the Asia-Pacific region by sector, 2018 (Percentage)**

- **Transport**: 13.50%
- **Industry**: 24.71%
- **Residential**: 4.06%
- **Other sectors**: 3.85%
- **Other energy industries**: 3.60%
- **Electricity and heat**: 50.28%
Accelerating low carbon transport actions in Asia and the Pacific

- **Decarbonizing regional supply chains**
  - Promoting *mode-specific decarbonization policies* (emission standards, automated vehicles, energy efficiency in railway transport and eco-friendly technological innovations in shipbuilding, ship operations and shipping activities)
  - **Modal shift** to more sustainable modes of transport (rail, waterborne transport)
  - Integrated *intermodal transport* (intermodal exchange to facilitate modal shift)
  - Leveraging the Commission’s *intergovernmental mechanisms* to support the decarbonization of the regional supply chains (platforms established by the AH, TAR and dry ports intergovernmental agreements)
Accelerating low carbon transport actions in Asia and the Pacific

- **Accelerating low carbon mobility**
  - Integrated urban transport development
    (urban development and public transport, use of sustainable urban transport index and guideline - SUTI)
  - Electric mobility and low carbon mobility
    (transition towards electric mobility, energy efficiency in transport)
  - Active mobility and non-motorized transport (avoid automobile-oriented expansion)

- **Leveraging from advance technology**
  - Smart transport applications and wider deployment of sustainable smart transport
  - Big data for transport planning, operations and management
Issues for consideration

The Ministerial Conference may wish to

- consider the **policy directions, actions and activities** described in the present document in the light of the regional action programme for sustainable transport development in Asia and the Pacific (2022–2026), notably its thematic areas of **urban transport, low carbon mobility and digitalization of transport**.

- share **updates and selected highlights** with regard to national, bilateral and multilateral policies and initiatives related to environmentally sustainable transport systems and services.