Conclusions of TC2.4 session

Eiichi Taniguchi Kyoto University

1 General comments

- Increase of importance of freight transport for building sustainable transport systems in viewpoint of global supply chain
- More concern about the negative impacts on the environment generated by freight transport
- It is possible to establish efficient and environmentally friendly freight transport systems with the help of new technologies as well as appropriate transport policies

- Freight transport is crucial for developing countries in terms of economic development and creation of good quality of life
- Experience and knowledge on transport and logistics in industrialised countries may be helpful for developing countries to promote freight transport initiatives

2 Technical views

Measures promoting intermodal terminals and alternative to road transport

- There exist infrastructural, technical, operational barriers, etc., hindering a big breakthrough in intermodal transport
- Governmental measures in support of intermodal transport are recommended

Mitigation of negative impacts caused by the increase in freight transport

- The development of innovative technologies to mitigate the negative effects of freight transport should be promoted by the government as well as by the transport industry
- In addition to improving the safety of accident black spots, it is recommended that the freight vehicle management policies are implemented to change the means of freight vehicles and the flow of traffic
 - Infrastructure improvement
 - Transport management
 - Universal database

Guidance for developing countries in building a sustainable transport system

- A single, unified approach to develop a sustainable transport system cannot be applied over all countries
- It is necessary to develop an appropriate approach in accordance with a given economy
- Provided the regional factors are appropriately considered, there are some important factors in promoting a sustainable transport systems

3 Future perspectives

- Reliability of freight transport on road
- Behaviour characteristics of freight vehicles and carriers responsiveness for freight transport management
- Measures to smoothen border-crossing freight transport