

TRANSPORT & ECONOMIC ACTIVITIES

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1

Transportation

- ▶ **Definition :-** the action of transporting someone or something or the process of being transported.
- ▶ **The role of transportation :-** The primary function of transportation is the transfer of messages and information. It is also needed for rapid movement of troops in case of emergency and finally movement of persons and goods .
- ▶ **Means of transportation :-** These most common five modes of transport are: railways, roadways, airways, waterways and pipelines.
- ▶ **Examples of transportation :-** city buses, trolleybuses, trams (or light rail) and passenger trains, rapid transit (metro/subway/underground, etc.) .

2

Relation between Transport infrastructure & economic development

- ▶ **Transport infrastructure :-** refers to the framework that supports our transport system. This includes roads, railways, ports and airports. National and local government are responsible for the development of our transport infrastructure .
- ▶ The relation between the quantity and quality of transport infrastructure and the level of economic development is apparent.
- ▶ the efficiency of any transport system can have a positive & negative effects on the economic and social zone .

3

Impacts of transportation on economic development

- ▶ **increases productivity**
- ▶ **enhances jobs and labor market accessibility**
- ▶ **opens new markets for businesses**
- ▶ **enhances supply chain efficiency**
- ▶ **Supports clusters and agglomerations**

4

Effects of Transportation on our Environment

- ▶ **Noise :-** The noise generated by vehicles can interfere with daily activities such as communicating or sleeping. It thus affects health of people.
- ▶ **Air pollution :-** Emissions of pollutants such as carbon dioxide, nitrogen oxide, particulate matter etc. from vehicle exhaust are a major cause of air pollution.
- ▶ **Disposal :-** Most oil spills generate a lot of waste. Waste can sometimes amount to as much as ten times the volume of oil originally spilled.
- ▶ **Biosecurity risks :-** International transportation of goods can allow new organisms to enter a region and increase risk for diseases.