The impact of sustainability policies on urban freight transport and logistics systems


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Just-in-time transportation

Just-in-time transportation
Sustainable transport refers to the broad subject of transport that is sustainable in the senses of social, environmental and climate impacts and the ability to, in the global scope, supply the source energy indefinitely. Components for evaluating sustainability include the particular vehicles used for road, water or air transport; the source of energy; and the infrastructure used to accommodate the transport (roads, railways, airways, waterways, canals and terminals). Transport operations and Although urban freight systems have not received much attention to date, actual demographic trends showing an increasing urbanization, together with the pervasive role of information and communication technologies and the consistent growth of e-commerce are bound to pose further challenges to the urban freight system. Among the different components of urban mobility, urban freight logistics is in fact traditionally considered as the least sustainable because of its evident negative impacts (generating noise and pollutant emissions, increasing congestion and posing a threat to the safety of roa