



NEWSLETTER

DOSM/SDG/BPPIB/1.2021/SIRI 7



Cluster 5: Economic Growth



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

GOAL 9

Target 9.1

Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

Sustainable Transportation

- ❖ Transportation and mobility are central to sustainable development.
- ❖ Sustainable transportation can enhance economic growth and improve accessibility.
- ❖ Sustainable transport achieves better integration of the economy while protecting the environment.
- ❖ Improving social equity, health, resilience of cities, urban-rural linkages and productivity of rural area



Sustainable and resilient transport infrastructure is the ability to provide transportation that is safe, socially inclusive, accessible, reliable, affordable, fuel-efficient, environmentally friendly, low-carbon, and resilient to shocks and disruptions caused by climate change and natural disasters (UNCTAD, 2015a).

CHALLENGES

- ❖ Unsustainable energy use
- ❖ Environmental degradation
- ❖ Climate change
- ❖ Raising transport costs
- ❖ Carbon dioxide (CO2) emissions

Sustainable and resilient transport infrastructure systems are a prerequisite for successful trade and economic integration, as well as the purpose to attracting investment, developing enterprise and building productive capacities

136 ports megacities around the world are vulnerable to coastal FLOODING





HIGHLIGHTS

Resilient Infrastructure



Cargo throughput, Malaysia, 2020 ('000 tonnes)

Export	222,703
Import	203,503
Trans-shipment	138,123
Total	564,329

Source: Ministry of Transport, Malaysia



Number of passengers by type of services, 2020 ('000)

Rail Services	1,041
KTM Commuter	11,796
Electric Train Services (ETS)	1,647

Source: Malayan Railways Limited



Number of Passengers by Airports, 2020

KLIA	5,985,403
KLIA 2	7,134,745
Kota Kinabalu	2,301,918
Pulau Pinang	1,814,940
Kuching	1,779,588
Malaysia	26,785,925

Source: Ministry of Transport, Malaysia



Cargo handled by Airports, 2020, (tonnes)

KLIA	458,517
KLIA 2	46,667
Pulau Pinang	123,336
Kota Kinabalu	41,424
Kuching	30,292
Malaysia	789,138

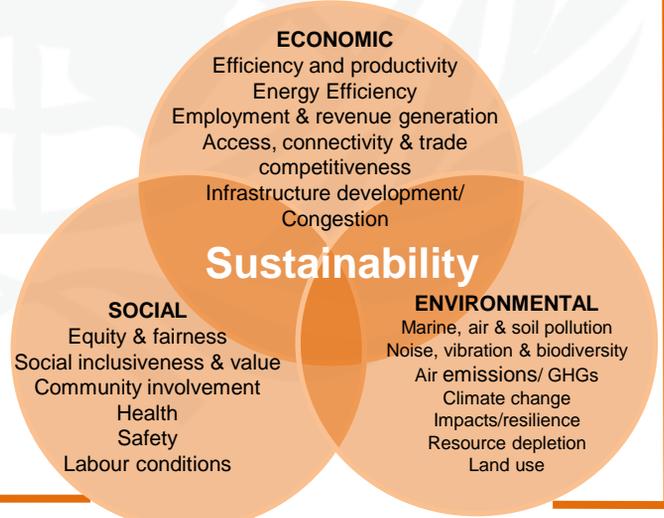
Source: Ministry of Transport, Malaysia

Number of Passengers for Rail Transport Services, Malaysia 2020

 LRT	LRT Kelana Jaya Line	45,307,182
 LRT	LRT Ampang Line	34,715,565
 MRT	MRT SBK Line	33,168,335
 MONORAIL	KL Monorail	7,143,534
 KLIA ekspres	KLIA Express	388,949
 KLIA transit	KLIA Transit	2,189,136

Source: Ministry of Transport, Malaysia

The Three Pillars of Sustainable and Resilient Transport Infrastructure



Source: UNCTAD (2015a)

