BUILDING A LOW-CARBON FUTURE: NET ZERO CORRIDORS FOR THE ASIA-PACIFIC REGION





WHY ASIA

- Fossil fuel share in transport
- Energy efficiency
- Economic Growth
- Freight Activity
- SDG Progress



WHY FREIGHT

- Significant CO2 emissions
- Rapid growth
- Future projections
- Growing importance



WHY CORRIDORS

- Purpose
- Benefits
- Framework
- Collaboration

ECONOMIC CORRIDOR ISN'T ENOUGH



Lack of focus on freight in national climate plans

STRATEGY N°1



Modal shift priorities (road to rail/waterways)

STRATEGY N°2



Technological advances (cleaner engines, electric networks)

STRATEGY N°3

THE 3D'S

01

DEMAND

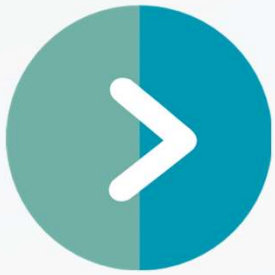
Significant growth in freight demand (150% increase since 2000)



02

DOMINANCE

Dominance of road transport over rail and shipping



03

DECLINE

Growing freight emissions (55% of CO2 emissions in transport)



GREEN FREIGHT CORRIDOR FRAMEWORK (GF CF)



(GF CF)

Green Freight Corridor

- Structure of Supply Chain
- Modal Shift
- Vehicle Routing
- Utlization
- Energy efficiency
- Emission Content of the Energy









* based on Green Logistics Framework (Alan McKinnon)

Green Corridor Initiatives

1. Trans-European Transport Network (TEN-T)
2. SuperGreen
3. Northern Corridor Green Freight Strategy
4. National Zero-Emission Freight Corridor Strategy

TRANS-EUROPEAN TRANSPORT NETWORK (TEN-T)

- Reduced reliance on carbon-intensive road freight
- Enhanced intermodal transport
- Sustainable infrastructure development



SUPERGREEN

- Goal
- Methodology
- Selection Process promising candidates.

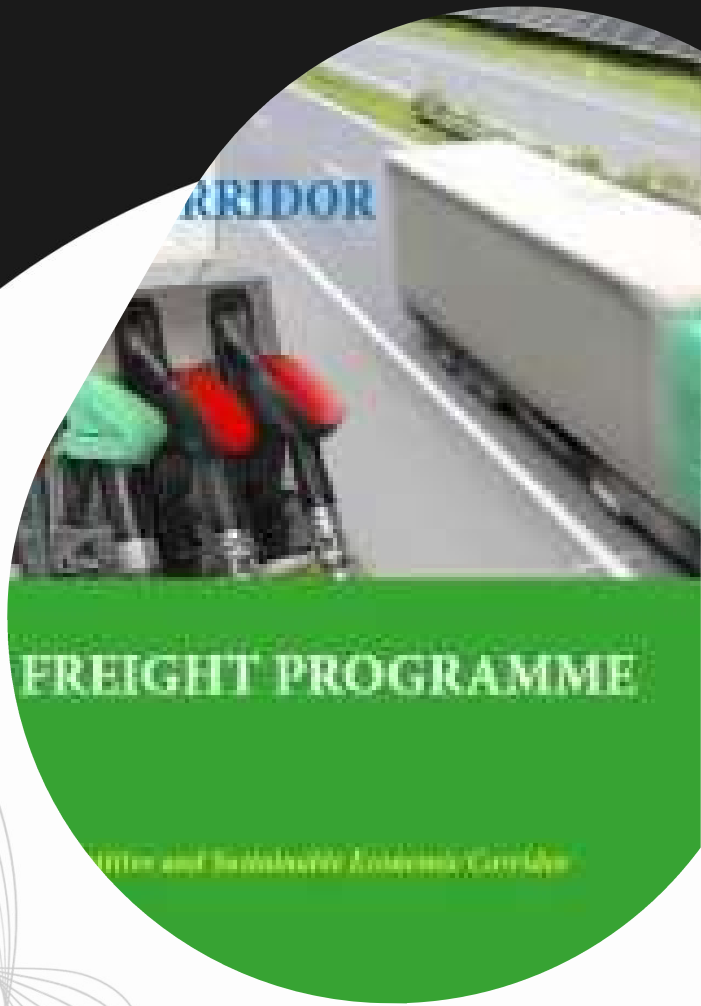


NORTHERN CORRIDOR GREEN FREIGHT

Environmental Impact

KEY OBJECTIVES

REGIONAL COLLABORATION



QUESTIONS AHEAD OF US



What kind of regulatory and Policy frameworks we need to have in place?

QUESTION N°1



What kind of modal shift measures need to be prioritised?

QUESTION N°2



What kind of technological Innovation and Infrastruture we need to build?

QUESTION N°3



What kind collaborations or skills we need to build?

QUESTION N°4

What international support is necessary for countries to transition to zero-emission corridors?

ADVANTAGE

Innovative Measures and Regional Trends

DAY 1

Priorities, Barriers, and Transport Corridors

DAY 1

Green Transport Corridors and Just Transition

DAY 2

Support for the Creation of Green Transport Corridors

DAY 2

Action Plan on Low Carbon Transport

DAY 2

THANK YOU FOR YOUR ATTENTION

