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"Climate Change Impacts and Adaptation for Coastal Transport Infrastructure in the Caribbean"

Addressing the challenge of climate change adaptation and resilience building for key international transportation assets: Perspectives

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DEFINING THE TRANSPORTATION SECTOR

- Aviation Aircraft, air traffic control systems, and approximately 135 commercial airports and 80 additional public airfields. This mode includes heliports, short takeoff and landing ports, and seaplane bases.
- Maritime water-faring vessels and consists of approximately 50,000 miles of coastline, 180 ports, more than 10,000 miles of navigable waterways, 60 marinas and intermodal landside connections, which allow the various modes of transportation to move people and goods.

DEFINING THE TRANSPORTATION SECTOR (Cont'd)

- Mass Transit Multiple-occupancy vehicles, such as transit buses, ferryboats.
- Highway More than 1 million miles of roadways and supporting infrastructure.
 Vehicles include automobiles, buses, motorcycles, and all types of trucks, trailers, and recreational vehicles.

DEFINING THE TRANSPORTATION SECTOR (Cont'd)

 Pipeline - networks of pipeline that traverse hundreds of thousands of miles carrying natural gas, hazardous liquids and various chemicals.

THE TRANSPORTATION NETWORK PARAMETERS

There are two (2) perspectives:

• System perspective - A collection of transportation assets, their relationships, and their emergent properties that collectively come together to perform a function, supported by institutional rules and regulations, and structured around processes.

• Assets perspective - include a node, link, or flow in a transportation system and can be physical, cyber, or human in nature.





Accession and Development (R&D) Working Goup to begin coordinating Research, Development, Test, and Evaluation (RDT&E) efforts across the sector.







- The Principal Organ of the Community is the Conference of Heads of Government
- The Community Council of Ministers is the second highest Organ







- Recognized the need for focused attention to address the long outstanding and seemingly intractable problem of transport in the Region agreed that a Transportation Commission must be established urgently;
- > Approved the establishment of a Regional Transportation Commission to address the Air and Maritime Transportation issues.

