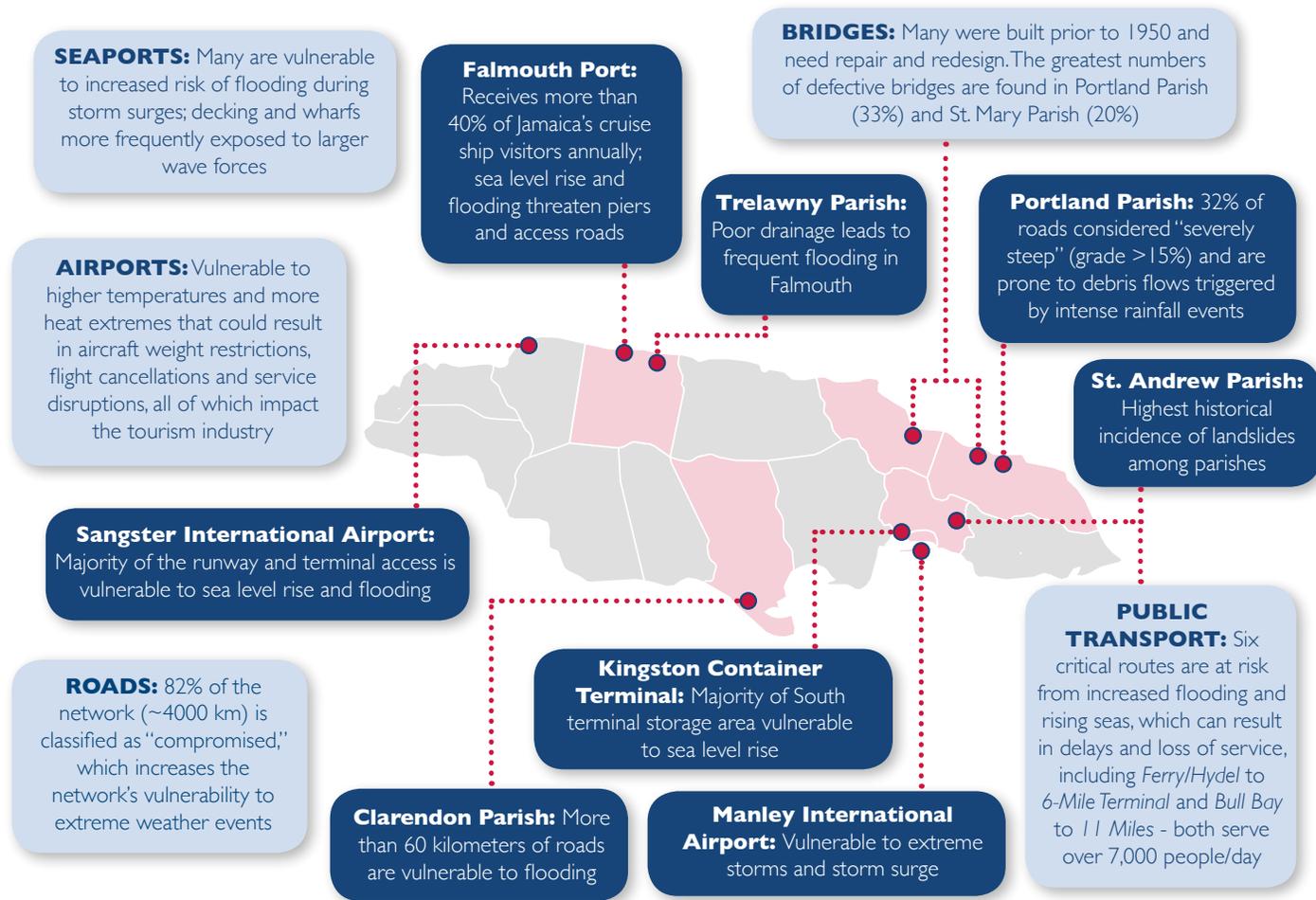


# Building a Climate Resilient Transport Sector in Jamaica: Risks and Opportunities



## Jamaica's transport network



## Major climate impacts



## What can Jamaica do to build resilience?

- \$ Mobilize finance for adaptation**
  - » Assess financing needs for climate-proofing transport infrastructure.
  - » Catalogue the design lifetime of major infrastructure (e.g. roads, bridges, ports) and include in investment plans.
  - » Cost out improved maintenance regimes for different types of infrastructure and include in annual budget.

- 🏛 Mainstream adaptation into governance and planning**
  - » Increase capacity of the bodies responsible for the management and regulation of infrastructure to build climate resilience and disaster risk reduction approaches into plans and operations.
  - » Strengthen collaboration among various ministries, departments and agencies to address exacerbating factors, such as solid waste, construction waste and drainage.
  - » Increase capacity of other transport sector stakeholders to understand and address climate risks such as sea level rise, increased flooding and landslides.
  - » Integrate climate resilience approaches into the revised National Transport Policy (NTP), along with planning mechanisms such as a medium-term strategic plan, an action plan, and an M&E plan.
  - » Develop a hazard mitigation strategy and disaster response strategy for each transport subsector (roads, airports, seaports and railways).

- 📊 Improve data for decision-making**
  - » Improve quality and maintenance of existing data to allow for better dissemination and coordination.
  - » Develop more detailed hazard and vulnerability assessments for specific critical assets.

- 🔧 Adopt risk-reducing management practices**
  - » Update urban development plans and revise design criteria for assets such as bridges and culverts to reflect changing risk profile of floods, heavy rainfall, and landslides.
  - » Include resilience and disaster risk reduction language in all new concession agreements.

*This document does not necessarily reflect the views of USAID or the US government. USAID Adaptation, Thought Leadership and Assessments (ATLAS) project, March 2018. For more, see ATLAS's [Vulnerability Assessment of Jamaica's Transport Sector](#).*