

TONGA ISLAND

Health & Safety snapshot and Case Studies .

This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.

Case studies: Tonga

- Nukualofa Port Upgrade Project
- Fanga'uta Bridge Project



Case study 1: Nuku'alofa Port Upgrade Project

- The Nuku'alofa Port Upgrade Project is an ADB supported project to rehabilitate and streamline operations at the Queen Salote Wharf in Nuku'alofa, Tonga.
- The Queen Salote Wharf (referred to here as Nukualofa Port) is the only international wharf receiving international cargo at the main island of Tongatapu



Nukualofa Port Upgrade Project

Issues:

- Safety audit was conducted by SPC and identified serious health and safety hazards, related to the poor condition of the container yard.
- Limited capital resources
- Limitation in size of vessels able to call in as international cargo terminal was only 110m long
- Deteriorated infrastructure due to lack of maintenance and investment



Nuku'alofa Port Upgrade Project

Outcome:

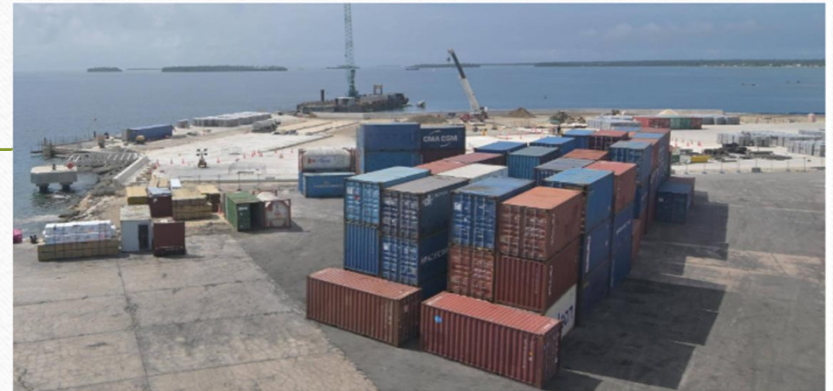
- Capacity and Operations of Nuku'alofa Port improved
- Container throughput capacity increase.
- Maximize the length of vessels calling into the port
- Provide safer, more reliable and more affordable transport infrastructure and services in Tonga



Country specific H&S Challenges – TONGA ISLAND

» Challenges:

- ❑ Awareness and Mindset- hosting of site wide toolbox talk and training sessions to raise high and low risks topics
- ❑ Staff turnover- conduct trainings over and over again
- ❑ Limitation in space- congestion



Case study 2: Fanga'uta Bridge Project

- **Issue:**

- Traffic congestion
- Limited emergency escape route during disasters

- » **Outcome**

- Provide reduced traffic congestion and shorter journey for people living and/or travelling to the southern parts of Tongatapu
- Provide an evacuation route to people in vulnerable areas in the event of a tsunami and extreme weather condition



MALO 'AUPITO