

# Development of Supply Chain Data Visualization Web App

to achieve supply chain end-to-end visibility

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## Background

The modern supply chains are usually globalized and complex. Full visibility of the supply chain is essential to maintain a healthy business. In the Business Continuity Institute's 2017 report, 69% of the 408 respondents reported that they do not have full visibility of their supply chains.

## Lack of Supply Chain Visibility

- Unable to produce recovery plan quickly when disruption like COVID-19, Brexit and US-China Trade war happens.
- Lose track of the supply network
- Unable to predict challenges
- Loss of productivity and revenue

## Project Objectives

This project aims to develop a key performance indicator (KPI) dashboard and a map-based interactive interface that can help the stakeholders to understand the performance and behavior of the supply chain.

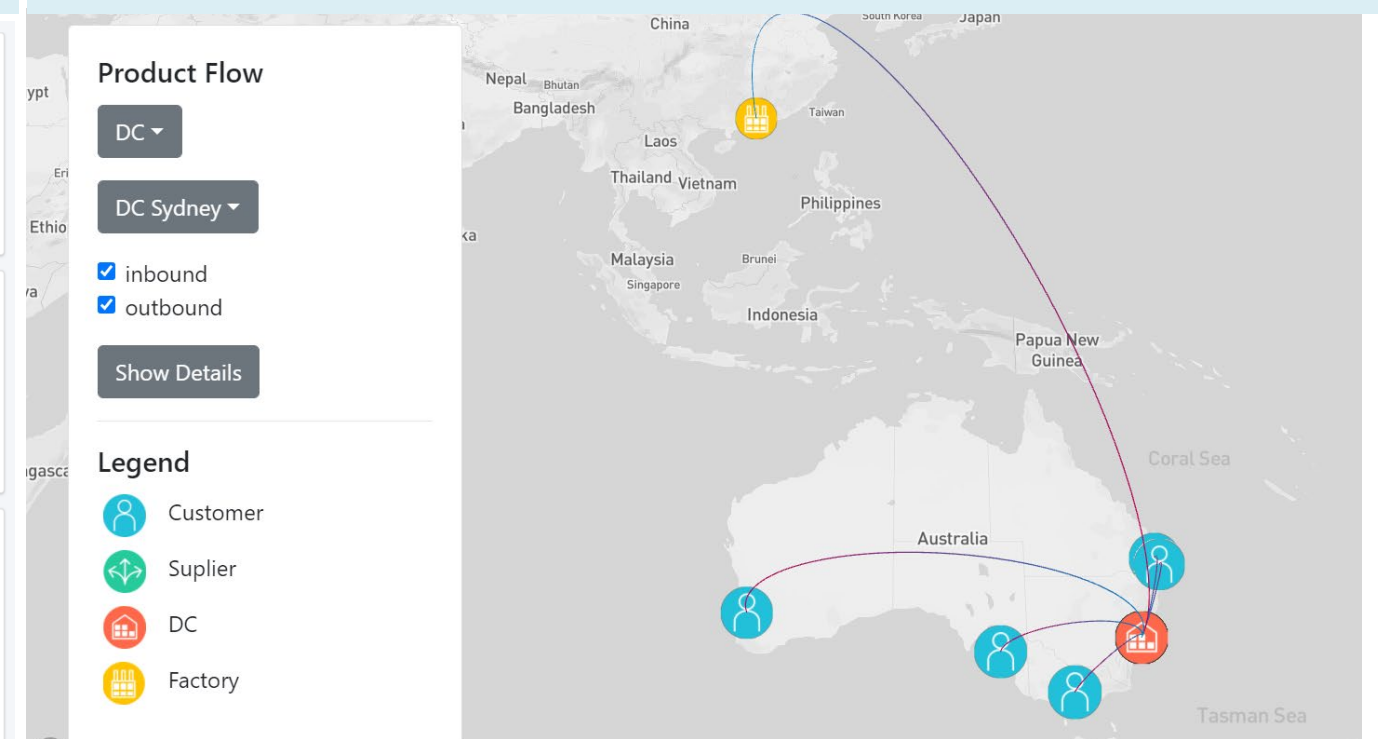
## KPI Dashboard

- ✓ Supply chain data integration
- ✓ Visualize performance of all the supply chain processes



## Map-based Interactive Interface

- ✓ Visualize geographical information
- ✓ Filtering system to focus on single supply chain element



## System Overview

