

Business Innovation for Environment in 2023

Innovation Name: DXTK Project (Phase 3)

Start Date: 27 July 2023

Project Details:

The project involves creating a trucking planning system to be integrated with the truck weighing system, using CCTV as a reader of QR code installed on the trucks. Previously, paper tickets (1 original and 3 copies) were printed for each truck trip, intended for:

- 1) Customers (Original)
- 2) Truck drivers for logistics operations
- 3) Security personnel for record-keeping and submission to the accounting department
- 4) Truck weighing operators

Currently, for internal trucks, the accounting department no longer needs to keep physical tickets as documents as reports can be downloaded directly from the system.

Environmental Benefits:

- 1) Reduction in paper usage for tickets, as originally, four copies of ticket were printed per truck trip.
- 2) Reduction in paper usage for tickets in cases where data entry errors occur and the entire set needs reprinting.
- 3) Reduction in energy (fuel) usage while waiting for truck weighing personnel to input data, as the working time is reduced.