# Network Surveillance Solutions for Green Transformation(GX)

Oct. 29th 2024

Canon

# Canon Network Surveillance Solution

## Network Camera

Fixed box camera

360° round camera

Ultra low light camera

*for All environments and applications*

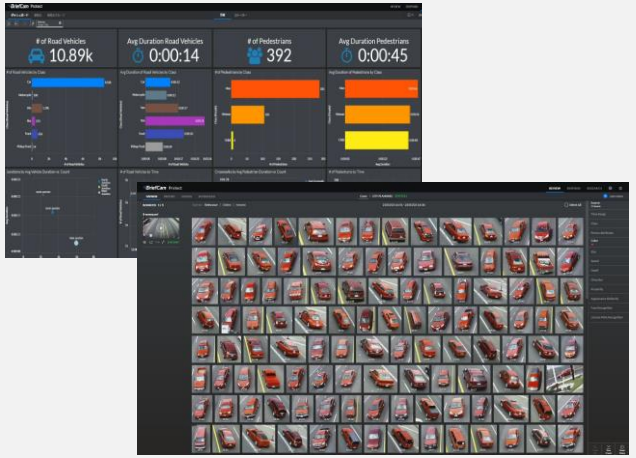
## Video Management Software

milestone

*Managed by single system*

## Video Analysis

BriefCam




*Essential for smart surveillance systems*

## Utilization

*Connecting to other systems and analytic technologies*

# GX Initiatives in ASEAN

## Issue

Global Warming

Abnormal Weather

Air Pollution

Water Pollution

Deforestation

etc…

## Challenge

- $CO^2$ Reduction
- Decarbo-nization
- Plastic-Free
- Clean Energy

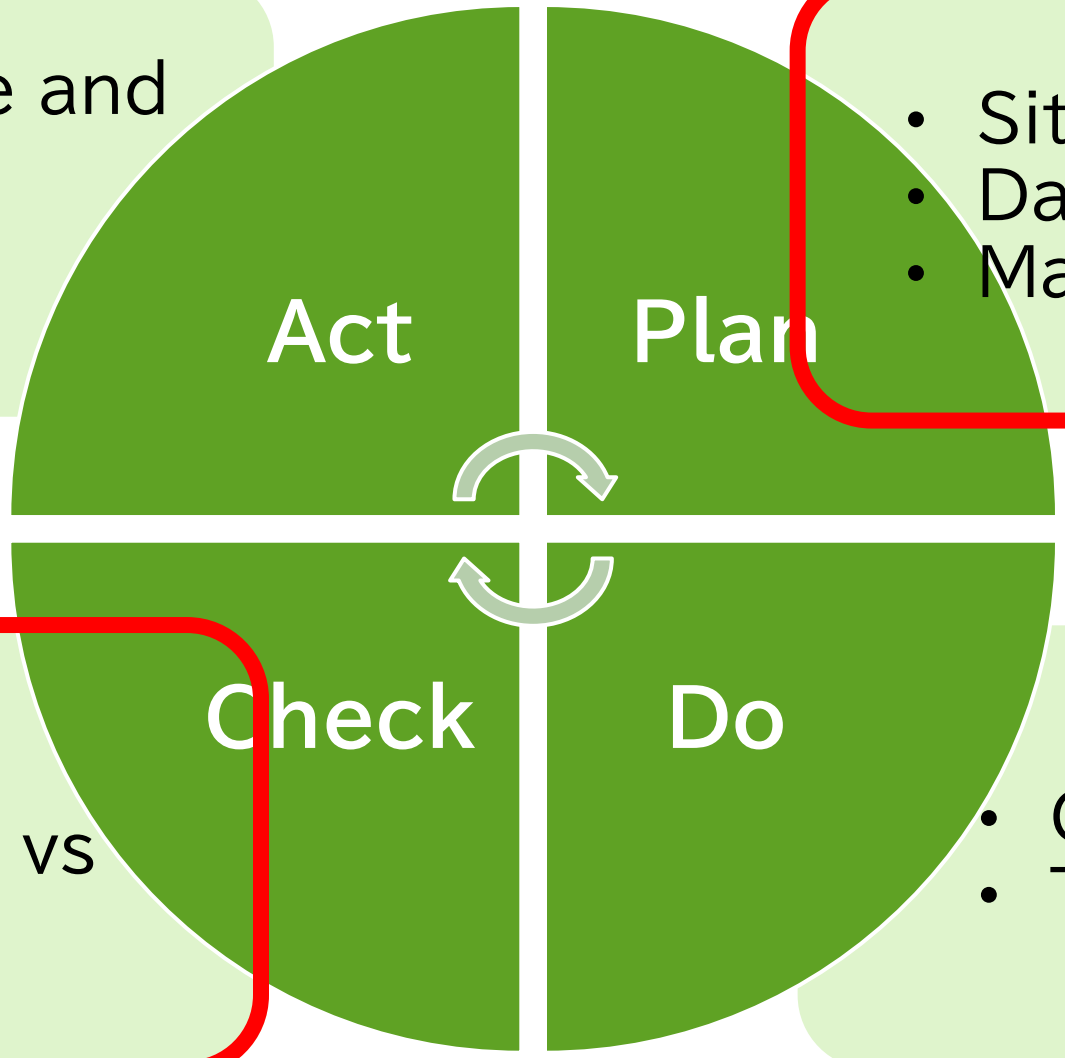
etc…

## Initiative

- National Climate Change Policy
- National Strategic Plan on Green Growth
- Green Growth Program
- National Green Growth Strategy
- Green Technology Master Plan
- Climate Change Strategy
- Action Plan for Sustainable Consumption and Production
- Singapore Green Plan
- Bio-Circular-Green Economy Model
- Green Growth Strategy

# What can we do for GX?

- Improve measure and action
- Bigger scale implementation




- Situational analysis
- Data visualization
- Make hypothesis

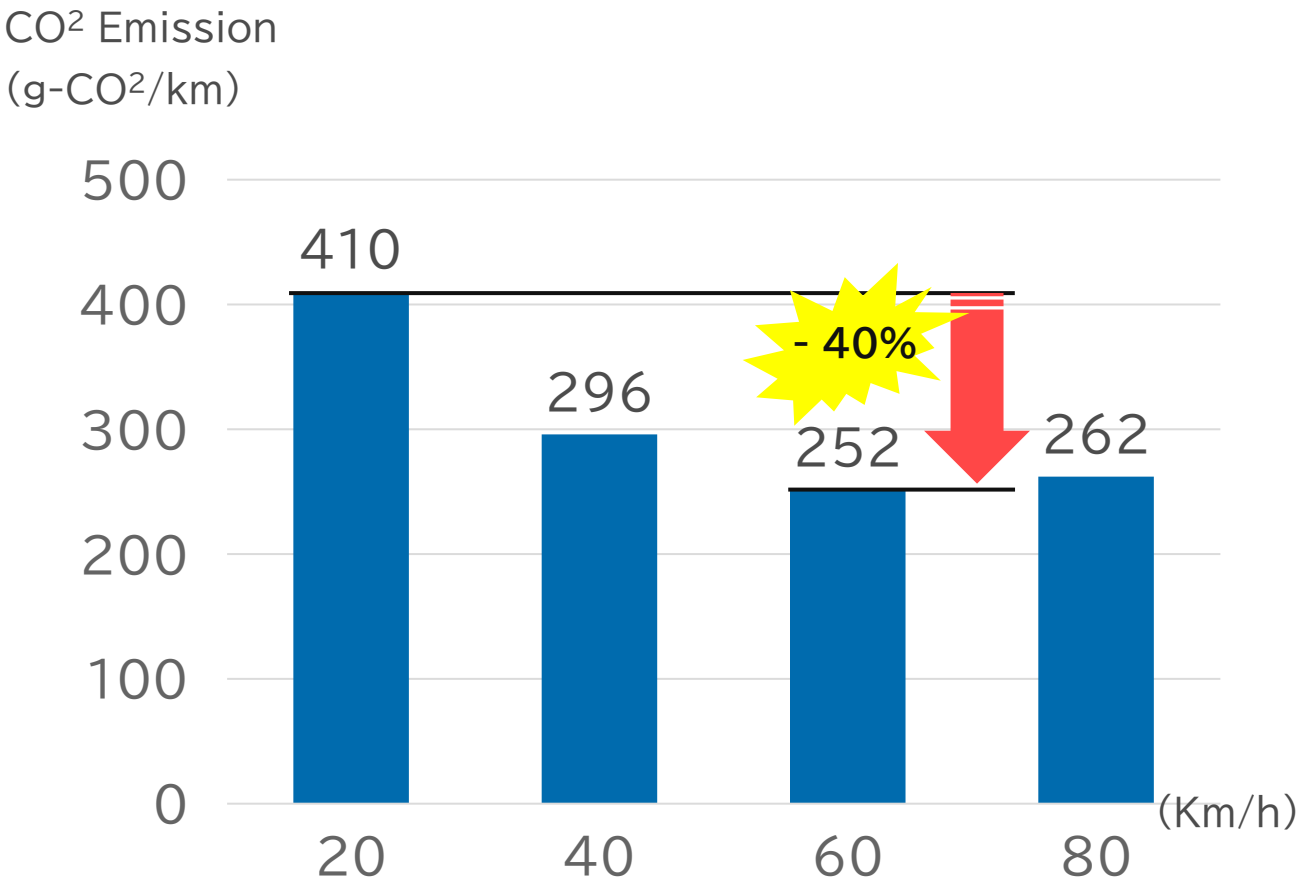
- Evaluate effect
- Compare Before vs After

- Carry out measure
- Take action

# Case Study: Solve traffic congestion for $CO^2$ reduction

**Traffic Congestion is a common issue all over the world…**

# Case Study: Solve traffic congestion for $CO^2$ reduction




Ministry of Land, Infrastructure, Transport and Tourism, Japan

- Higher driving speeds improve fuel consumption and emit less $CO^2$.
- Slower speed is usually arisen from traffic congestion.
- Smooth traffic will reduce $CO^2$ emission in your city. (also ease your stress!)

**To solve congestion, we should understand current situation.**

# Case Study: Solve traffic congestion for $CO^2$ reduction

- How BriefCam can detect slower speed.

BriefCam

Original Video

# Case Study: Solve traffic congestion for $CO^2$ reduction

- Visualize Traffic Data by BriefCam

Data can be sorted by **vehicle type/speed/time/direction** etc.

# Case Study: Solve traffic congestion for $CO^2$ reduction

- Take Data-driven Measure

✓ Congestion charge

✓ Public transportation optimization

✓ Vehicle restriction by license plate number

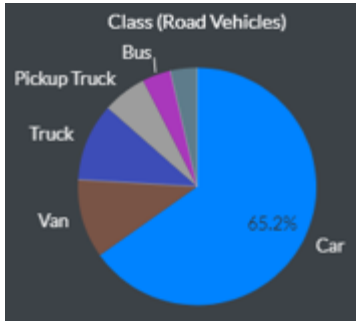
✓ Reversible lane

etc.

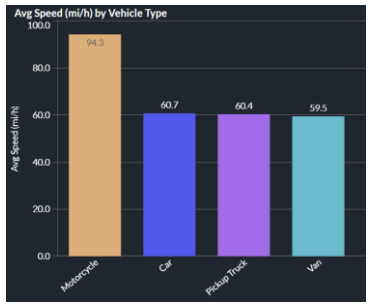
**Data will help you take effective action and improve congestion.**

# We can detect more…

## ●Traffic monitoring

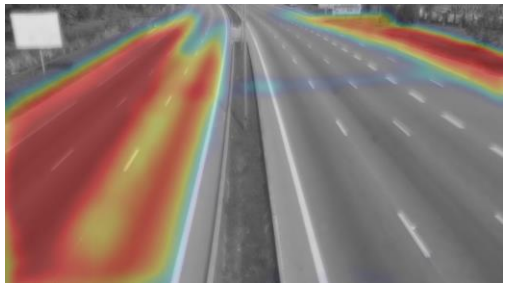



vehicle type

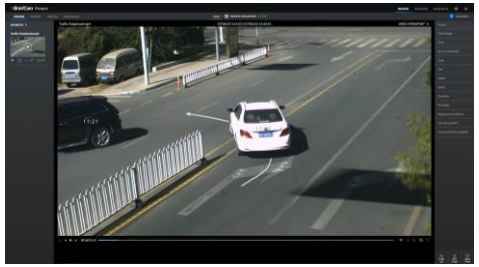



Speed

Color



Heat map



Direction etc.

## ●Improve Traffic Congestion

People Intrusion

Reverse Run

Dwelling etc.

**Please visit Canon booth to enjoy our Demo!**

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