



**JAKARTA
SMART CITY**

Digital Cities and Innovation Cities for a Smarter City

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Jakarta Provincial Government

SMART ?



Effective & Efficient

In finding solution and solving problems in all of the city and public sectors

Through utilization of information technology



Jakarta Smart City

is the implementation of smart city concept that optimizes the utilization of **Information and Communication Technology (ICT)** to monitor, analyse and control various resources in the city with more effective and efficient in order to **maximize public services, providing solutions, and support sustainable development**



IT Development

Data & Analytics

Communications

Field & Operational

Monitoring & Evaluation

Our Focus



Government
that listens



System
that connects



Citizen
that participates



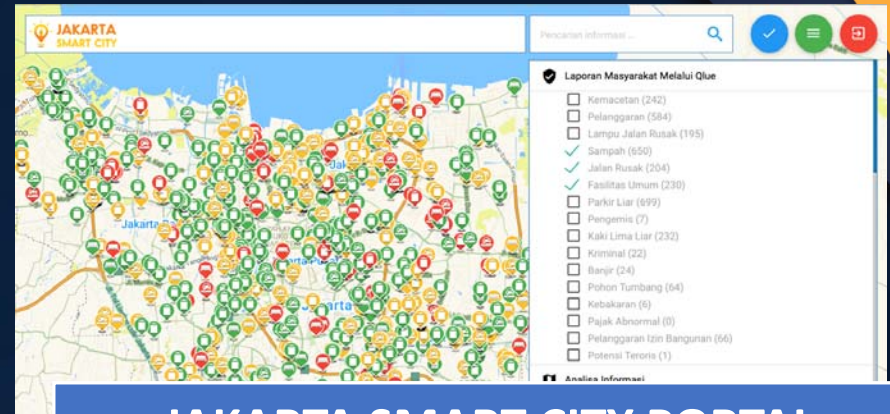
Responsibility and Governance



Use of ICTs



OPEN DATA PORTAL
data.jakarta.go.id



JAKARTA SMART CITY PORTAL
smartcity.jakarta.go.id



One Stop Services
pelayanan.jakarta.go.id

CITY API for Developer
api.jakarta.go.id



BARU!! HUBUNGI CALL CENTER AGENT KAMI MELALUI VIDEO CALL

UNTUK MEMUDAHKAN AKSES ATAU KOMUNIKASI,
PTSP DKI JAKARTA MENYEDIAKAN LAYANAN
CALL CENTER 1500-164. HANYA DENGAN MENGHUBUNGI
SATU NOMOR CALL CENTER TERSEBUT,
PEMOHON AKAN MENDAPATKAN INFORMASI TERKAIT PERIZINAN



Memulai Video Call

● ○ ○ ○ ○ ○



IZIN APA? SYARATNYA APA??

Ada lebih dari 500 izin yang diurus di PTSP?

[Lihat jenis izin dan syaratnya? »](#)



MENGURUS IZIN ONLINE?

Kini ada izin yang bisa diurus online?

[Buat Akun? »](#)



TIDAK SEMPAT KE LOKET??

Jika anda tidak sempat datang ke PTSP, telepon saja ke 1500-164, atau unduh aplikasi androidnya?

[Panggil AJIB? »](#)



IZIN SAYA SUDAH SLESAI??

Cek posisi izin saya di sini?

[Lacak Berkas? »](#)



JAM BERAPA SAYA ANTRE??

Seluruh antrean bisa dilakukan melalui online agar tak tunggu lama?

[Daftar antrean online? »](#)



VIDEO CALL

Gunakan layanan terbaru kami dalam berkomunikasi menggunakan video call

[Memulai Video Call »](#)

One-Stop Services

provides information and assistance for various permits and licenses through various digital platform, from website to video call



IoT Jakarta Smart City



4



BUS

Every Transjakarta bus has GPS sensor to track its location and route. The data are use for operator billing payment and to ease people to access real time information about Transjakarta location for managing their travel time.

3



GARBAGE TRUCK

The GPS has been installed on 1.200 garbage trucks so its route and location can be tracked to evaluate garbage transport management.

1



AIR QUALITY

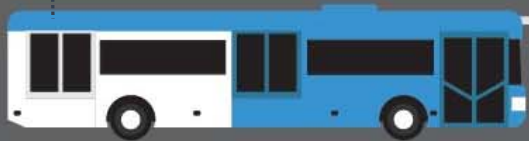
Air Quality Monitoring Station has been installed in 5 locations to be able to monitor the air condition continuously. The data can be accessed via Jakarta Smart City portal and to be analysed to show Jakarta's air quality from time to time.

2



HEAVY EQUIPMENT

Has a sensor to locate, as well as to monitor its condition to manage the maintenance time if needed.





4



STREET LIGHT

Jakarta has web-based street light system to allow managing the light intensity and dimming time of the lamps.



AMBULANCE

Has the GPS in the vehicles to monitoring the location and to determine the maintenance time based on the mileage and its operational duration.

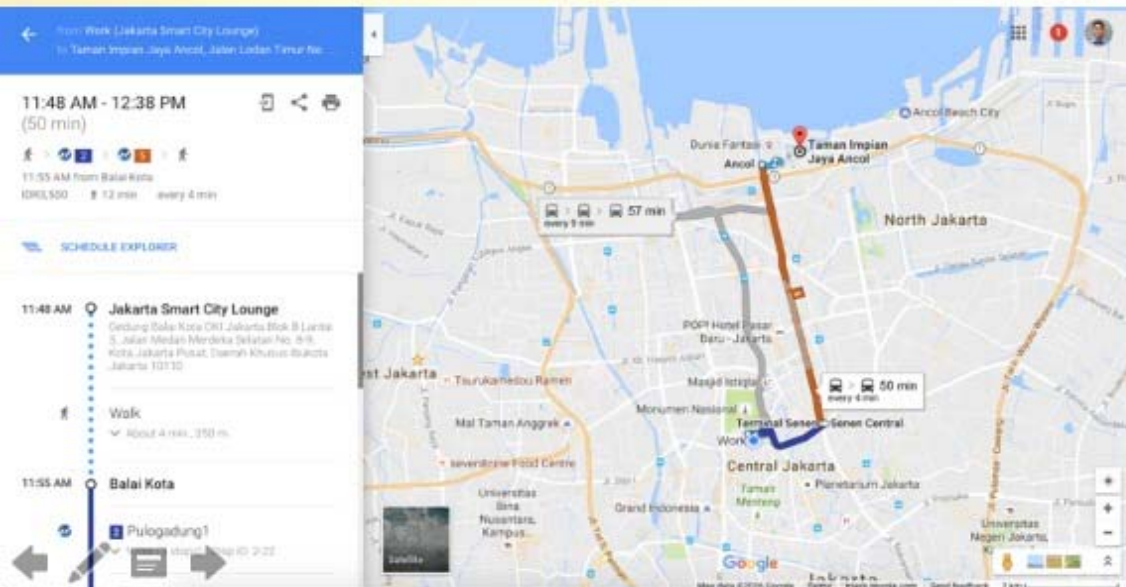
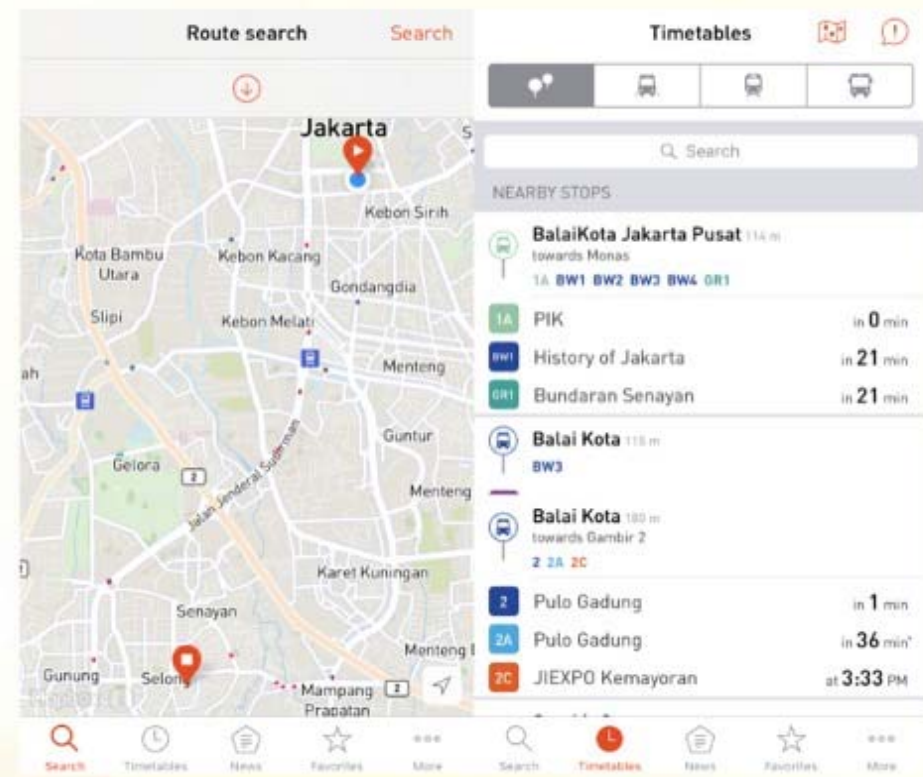
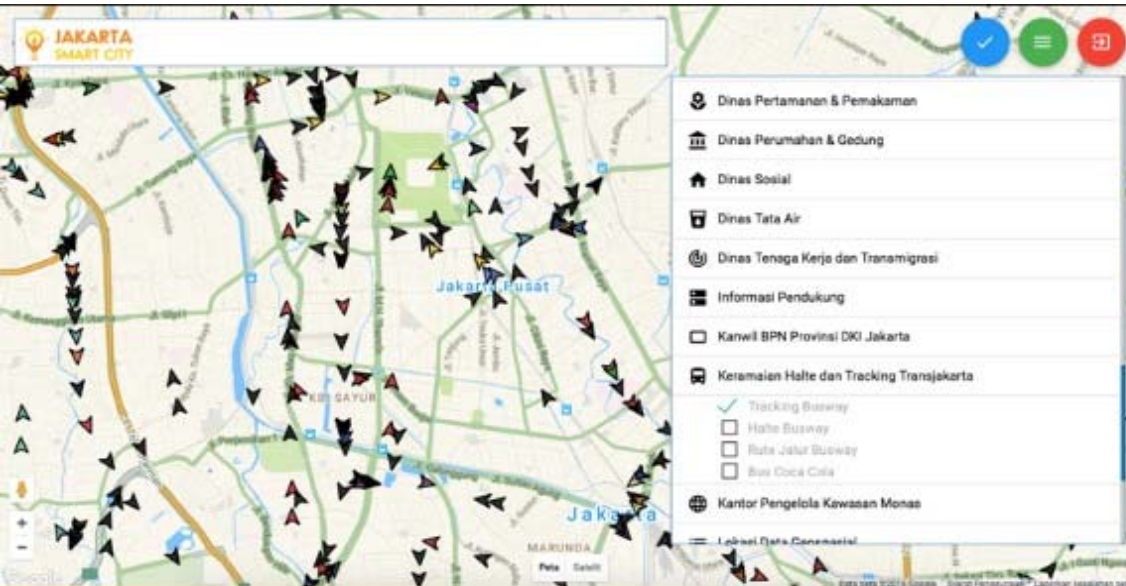
3



2

AUTOMATIC WATER LEVEL RECORDER

There are 6 units to monitor the water level of rivers as one of many solutions for handling the flood. It sends the data every two minutes and can be accessed via gis.bpbj.jakarta.go.id.



Usage of Transjakarta API to provide realtime information of the fleet. Example show data usage in JSC Portal, Google Maps, and Trafi app



Citizen Report App: QLUE

The screenshot displays the QLUE Citizen Report App interface. At the top left is the logo for "JAKARTA SMART CITY". A search bar on the right contains the text "Pencarian informasi ...". The main area is a map of Jakarta and Bekasi, densely populated with colorful pins representing citizen reports. Three report cards are overlaid on the map, numbered 1, 2, and 3.

Report Card 1:

- INFORMASI LAPORAN**
- Pelapor: **QLUE**
- Kelurahan: **Pondok Pinang**
- Waktu: **04 Jun 2016 02:34 PM**
- Status: **Selesai**
- Tagar: **#Fasilitas Umum**
#RT OTORITER
- Deskripsi: **luran sampah per kk rp 25.000 tp nyuruh buangnya di lapangan ini apakah bnr pak ?
Jika tidak mmbayar iuran itu di ancam akan -6.259738, 106.77285**
- Koordinat: **-6.259738, 106.77285**
- PHOTO PENDUKUNG
- KOMENTAR (6)
- TINDAK LANJUT

Report Card 2:

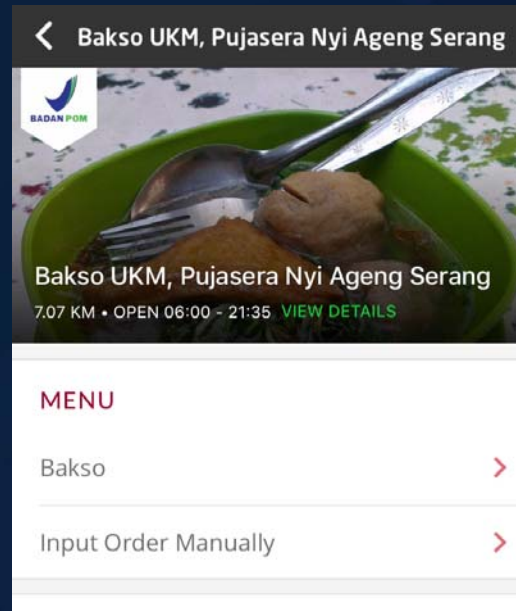
- INFORMASI LAPORAN**
- PHOTO PENDUKUNG
- KOMENTAR (6)
- TINDAK LANJUT

Report Card 3:

- INFORMASI LAPORAN**
- PHOTO PENDUKUNG
- KOMENTAR (6)
- TINDAK LANJUT
- Tanggal: **04 Jun 2016 05:49 PM**
- Status: **Selesai**
- Tindak Lanjut Petugas: **Petugas Lurah (Qlue) anaksiantar**

#KAKI5JKT

- Initiative to digitalized Hawker Food and street vendors
- Collaborate with culinary tech startup Zomato (food discovery platform) and Go-Food (Go-Jek service for food delivery)
- Resulting 300% growth of income in a month.



Small Medium Enterprise Online

tokopedia Jkt

Bantuan Jakarta

“**JAKARTA GOES ONLINE**”

"Sebagai Ibukota negara, Jakarta menjadi poros perputaran ekonomi sekaligus pusat perkembangan bisnis. Lewat berbagai fasilitas yang tersedia, Jakarta dapat membantu pertumbuhan UMKM lokal untuk mengembangkan jenis usahanya. Tentunya, dukungan teknologi serta kebijakan pemerintah setempat juga hadir untuk membantu mewujudkannya."

 Basuki Tjahaja Purnama

Cari Produk jakarta Cari

tokopedia

Rekomendasi Produk

REKOMENDASI PRODUK DARI JAKARTA









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tokopedia

Showcase UKM Binaan

UKM BINAAN

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COMPETITION USE OPEN DATA

#HackJak

2014 HackJak poster featuring the SEATT logo (Southeast Asia Technology and Transparency Initiative) and the Jakarta Open Data Challenge. The main text reads "#HACKJAK" in large letters, with "HACKATHON | 26 - 27 APRIL 2014" below it. Logos for DailySocial, ndesign, and World Wide Web Foundation are visible at the bottom.

2014

2015 HackJak poster with the theme "OPEN DATA FOR A SMARTER JAKARTA". It features the #HACKJAK logo and "AUGUST 2015". The poster highlights "THE JAKARTA CAPITAL CITY GOVERNMENT CHALLENGES" for students, designers, and developers, with categories: SCRAPATHON (CSV), VISUALTHON, and HACKATHON. It includes the website hackjak.jakarta.go.id and a focus on "PUBLIC SERVICE & TOURISM" and "INCUBATION" with a prize of >75 million IDR. Logos for SEATT, Ford Foundation, and Awrago are at the bottom.

2015

2016 HackJak poster titled "JAKARTA OPEN DATA CHALLENGE #HACKJAK 2016". It features the text "Kompetisi Pemanfaatan Data Terbuka Jakarta" and lists categories: VIDEO, VISUALTHON, and PENULISAN. Registration is from August 26 to September 21, with a total prize of 78 million Rupiah. The focus is on "ANGGARAN PEMERINTAH PROVINSI DKI JAKARTA". Logos for Hivos, Universitas Paramadina, and Bappeda Provinsi DKI Jakarta are at the bottom.

2016

Digital Engagement on Social Media



Jakarta Smart City

focusing on contents related to tech and smart city concept



36K



23.2K



2.7K



821



Jakarta Provincial Government

focusing on general information from new regulations, news, history, and other trivial contents



131K



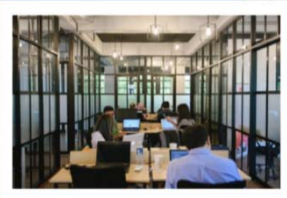
233K



124K



Coworking Space



Offering tier concept so that the user can choose according to user's needs (privacy, amenities, until the budget)

JSC can utilize free space for startup is recommended, using the meeting room, to organize events

Collaboration In Developing Ideas



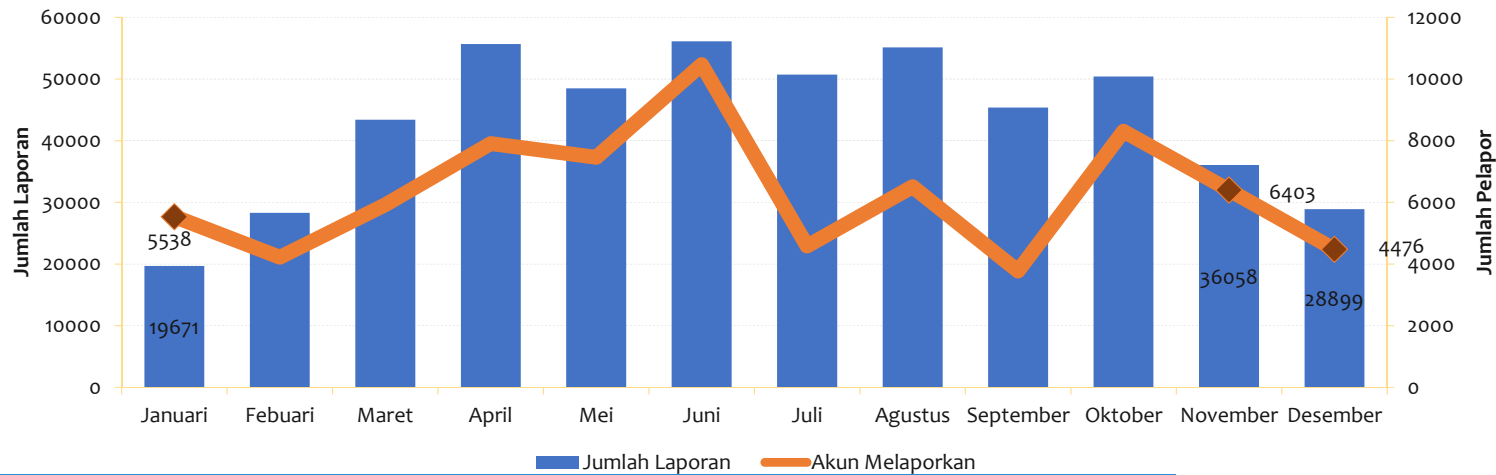
with University of Technology Sydney



Jakarta Service Jam



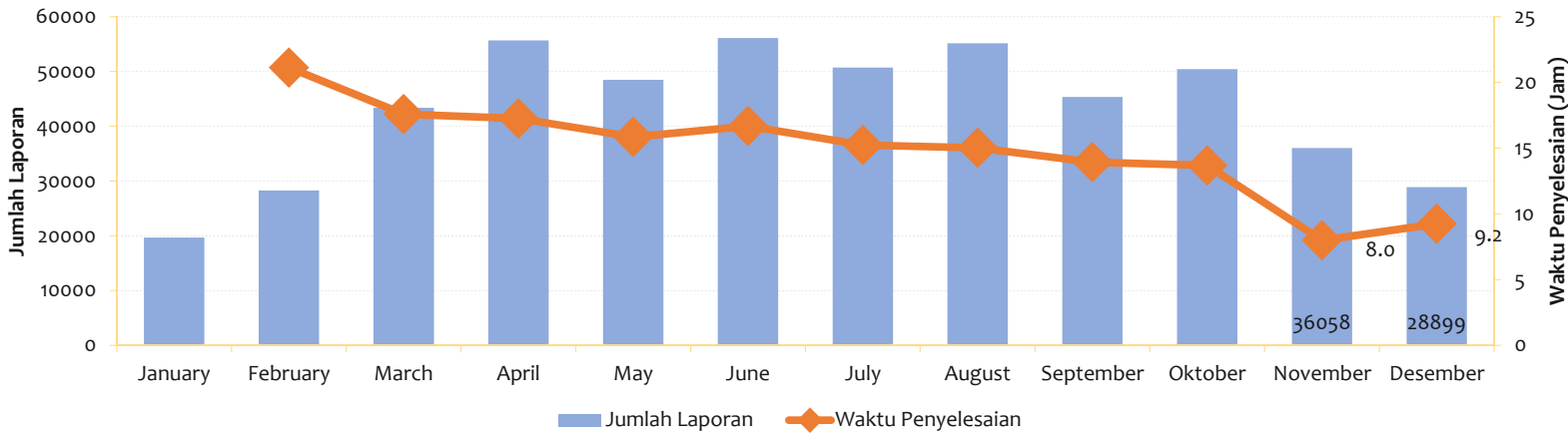
Trend of Qlue Utilization for Public Reports



Top 5 Categories with most report during December 2016

1. Garbage
2. Illegal Parking
3. Violations
4. Illegal Ads
5. Public Facilities

Trend of Response Time on Public Reports



Average response time on December 2016:
9.24 hours



Citizen-Report Driven Planning

Data

Top 5 Village – based on number of complaint

June 2016

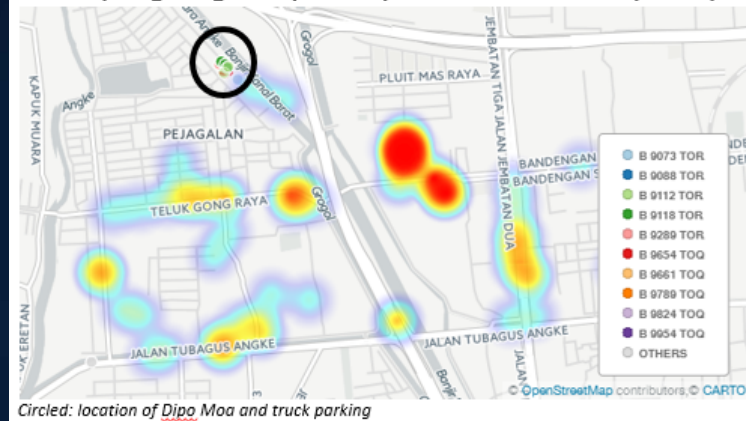
No	Village	Garbage
1	Pejagalan	231
2	Duri Kepa	210
3	Cengkareng Timur	175
4	Sunter Agung	124
5	Peniarangan	90

Juli 2016

No	Kelurahan	Garbage
1	Pejagalan	247
(10)2	Cengkareng Barat	194
(2)3	Duri Kepa	161
(15)4	Pluit	92
(4)5	Sunter Agung	102
(19)11	Cawang	21

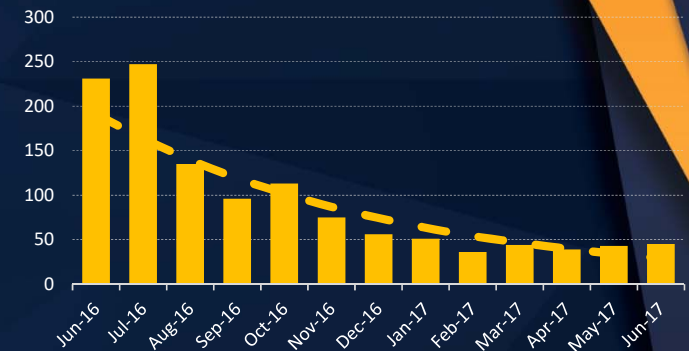
Analysis & Field Survey

Heatmap of garbage complaint report vs truck location 4pm – 8pm



Circled: location of *Dipo Moa* and truck parking

Current Situation

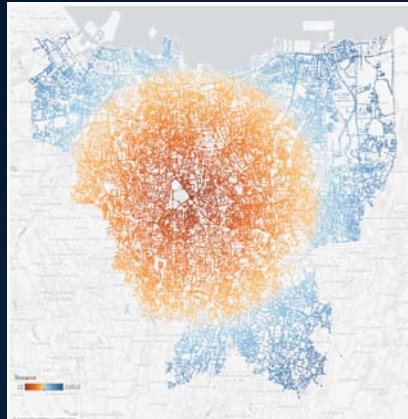


- ❖ Finding: In “Pejagalan District” has the most problem in garbage.
- ❖ Field Survey & Analysis : There is only one garbage truck and the depo located far from the center of problems in district Pejagalan.

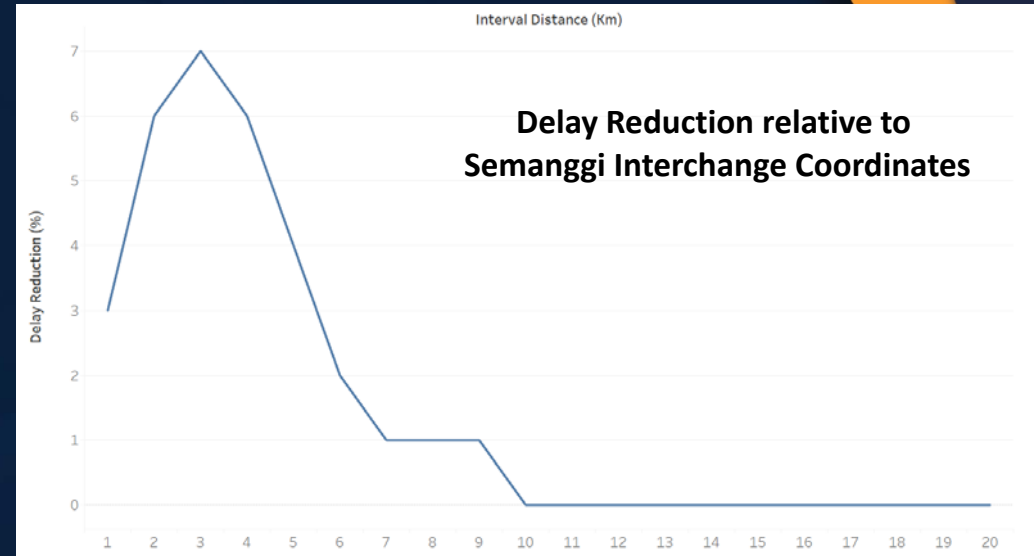


Analysis of Congestion in Semanggi Interchange

Jams distances relative to Semanggi Interchanges Coordinates



Semanggi interchange, expected to free up bottlenecks around that area and reduce the traffic



Up to 7% Delay Reduction on Streets within 3 km from Semanggi Interchange

Before : 21 - 27 July 2017
After : 28 July - 3 August 2017



The background features a dark blue field with several overlapping, angular shapes in a vibrant orange color. These shapes create a layered, geometric effect, with some appearing to be cutouts or tabs. The overall composition is modern and dynamic.

Thank You