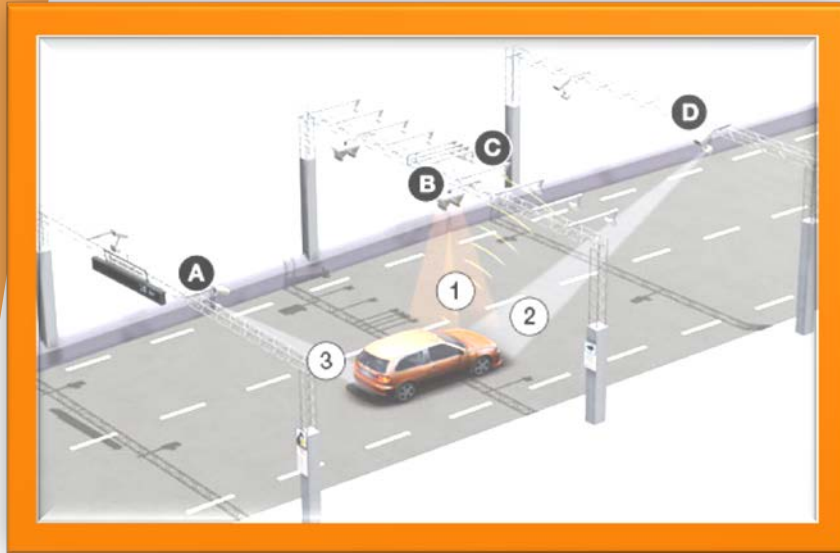


PLANNING OF ELECTRONIC ROAD PRICING (ERP) SYSTEM IMPLEMENTATION IN JAKARTA : Action Plan



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BACKGROUND AND PURPOSE

BACKGROUND

1. Private vehicle ownership (car and motorcycle) has increased.
2. The increase of road length has been very little compared with the increase of private vehicle ownership.
3. Supply and demand of transportation has not balanced.
4. The using of public transportation has been very low.
5. The old traffic demand management "3 in 1" has not been working anymore.
6. Finally, Jakarta has been "crowned" as the city with the worst traffic in the world based on Castrol's Stop - Start Index.



PURPOSE

1. Improve the performance of existing mass public transportation (BRT Transjakarta).
2. Enhance the capacity of mass public transportation.
3. Increase the using of mass public transportation.
4. Enhance the efficiency of Jakarta city road.
5. Provide a friendly city road for Jakarta citizens.

Jakarta needs to implement new Transport Demand Management : Electronic Road Pricing (ERP).

CURRENT STATUS AND ISSUES

CURRENT STATUS

Jakarta Electronic Road Pricing (ERP) System procurement will be held in 2016.

ISSUES

Unpopular Policy

- Levy for private car.
- Restriction for motorcycle.
- Revenue from ERP will be used as Earmarking Policy.

Service level of Mass Public Transportation (BRT Transjakarta)

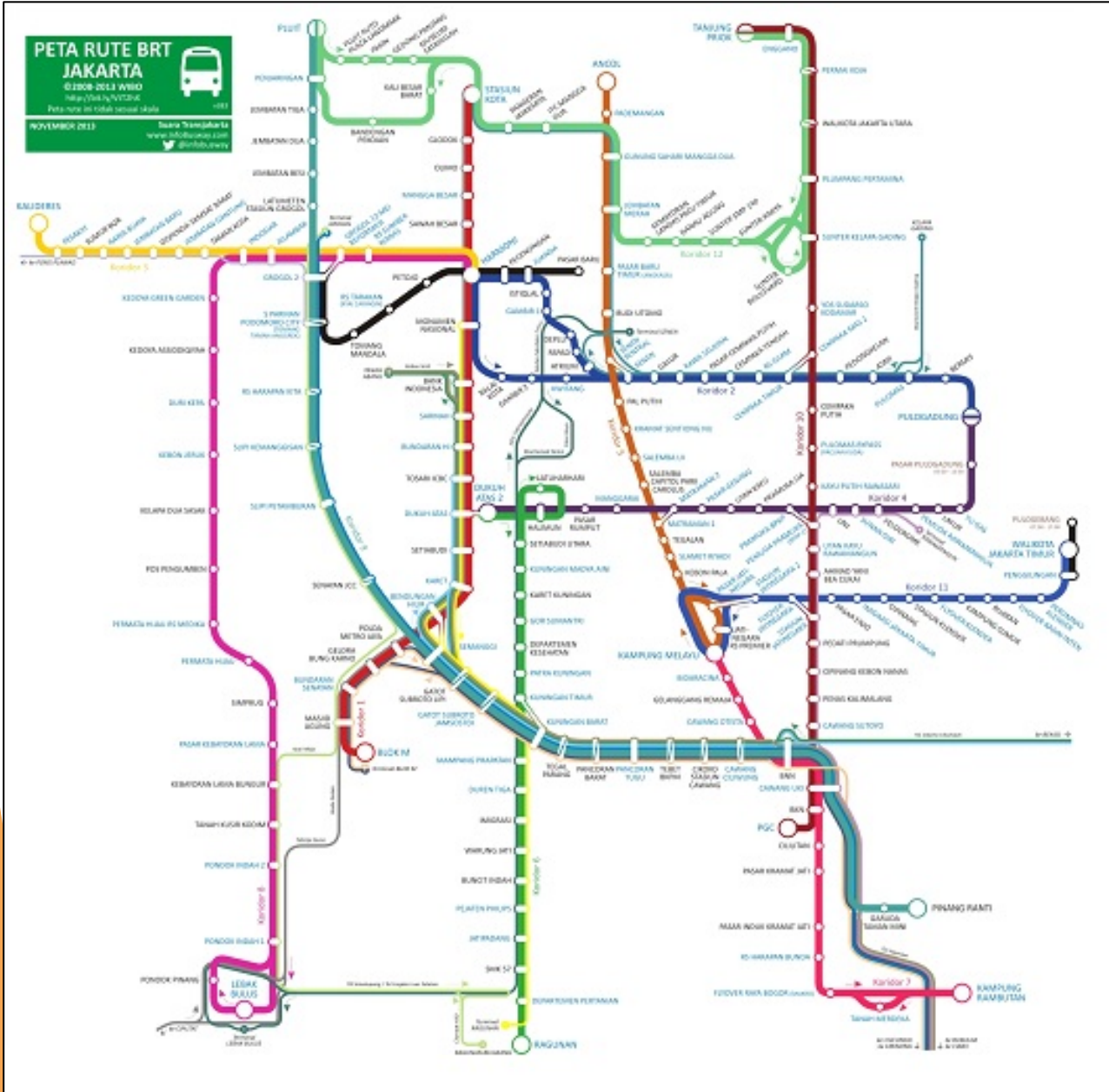
- Headway has been interrupted by private car.
- The bus lane has not been exclusive.

Electronic Law Enforcement

- ERP is one of TDM strategy based on technology.
- Electronic Law Enforcement will support ERP to run effectively.

IMPROVEMENT STRATEGY

BRT TRANSJAKARTA BUSWAY



Corridor	Route	Length	Shelter number	Average distance between Shelter
1	Blok M - Kota	12,9 km	20	650 m
2	Pulo Gadung - Harmoni	14 km	21	700 – 800 m
3	Kali Deres - Harmoni	19 km	13	700 – 800 m
4	Pulo Gadung - Dukuh Atas	11,85 km	17	400 – 1600 m
5	Kp Melayu - Ancol	13,5 km	17	400 – 2250 m
6	Ragunan - Dukuh Atas	13,3 km	18	400 – 1000 m
7	Kp Rambutan - Kp Melayu	12,8 km	13	500 – 1500 m
8	Lebak Bulus - Harmoni	26 km	20	500 – 1500 m
9	Pinang Ranti - Pluit	28,8 km	35	500 – 1500 m
10	Cililitan - Tj Priok	19,4 km	19	500 – 1000 m
11	Pulo Gebang - Kp Melayu	11,76 km	15	300 – 1000 m
12	Pluit - Tj Priok	27 km	14	500 – 1500 m
Total		210,31 km	222	400 - 2000

Transjakarta is the longest BRT network in the world.
 Enhancing the performance, to increase the passengers.

PURPOSES OF ACTION PLAN FOR 6 MONTH

1. To get acceptance from citizens that support implementation of ERP system in Jakarta.
2. To attract citizens to use mass public transportation.
3. To get fully support from all stakeholders (all related working unit in Jakarta Province Government, police officers, Transjakarta company) for implementation of ERP system.

IMPROVEMENT STRATEGY

Networking all related working unit in Jakarta Province Government, Police Officer and Transjakarta company.

Target :

1. Socialization through social media.
2. Electronic law enforcement system.
3. Sterilization on the exclusive Transjakarta bus lane.
4. Park and Ride.

SPECIFIC ACTION PLAN

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1. Promote Implementation of Electronic Road Pricing (ERP) System through official website.
2. Get connected with citizens through official social media (Facebook and Twitter). Hearing and compiling all public comments and suggestions for the ERP implementation.
3. Define the architecture of Electronic Law Enforcement System, in coordination with police officers.
4. Effectively sterilization on the exclusive Transjakarta bus lane, in coordination with police officers, and monitor the total passengers for each months.
5. Planning to increase the park and ride locations around boundaries of Jakarta and its satellite cities.

EXPECTED RESULT

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1. To get acceptance from citizens that support implementation of ERP system in Jakarta (Comments from citizens as a parameter).
2. To increase citizens to use mass public transportation (amount of passengers as a parameter).
3. To get fully support from all stakeholders (all related working unit in Jakarta Province Government, police officers, Transjakarta company) for implementation of ERP system (Memorandum of Understanding).

THANK YOU