sustainability

MDPI

Supplementary Materials: LEZ Expansion Preference Survey in Jakarta

1. Are you lived or have main activities in Jakarta? *

   Mark only one answer.

   a. Yes
   b. No (not eligible for this survey)

Personal characteristic

2. Age *

   _____

3. Gender *

   Mark only one answer.

   a. Male
   b. Female
   c. Prefer not to answer

4. Monthly income *

   Mark only one answer.

   a. < IDR 2,000,000
   b. IDR 2,000,000 - IDR 4,000,000
   c. IDR 4,000,001 - IDR 6,000,000
   d. IDR 6,000,001 - IDR 8,000,000
   e. IDR 8,000,001 - IDR 10,000,000
   f. IDR 10,000,001 - IDR 15,000,000
   g. >IDR 15,000,000

5. Occupation field *

   Mark only one answer.

   a. Civil Servant
   b. Medical staff/doctor
   c. Private employee
   d. Lecturer/teacher
   e. Student
   f. Housewife
   g. Self-employed/entrepreneur
   h. Freelancer
   i. Unemployed/retired
   j. Other: ____

Travel characteristic

6. Daily main transportation modes *

Mark only one answer.

a. Bus (Trans Jakarta, Trans Jabodetabek, etc.)
b. Rail (Commuter Rail, MRT Jakarta, LRT Jakarta)
c. Paratransit
d. CBRS/Online taxi (go-car, grab-car, etc)
e. Conventional taxi
f. MBRS/Online motorcycle taxi (go-jek, grab-bike, etc)
g. Car rental
h. Motorcycle rental
i. Private car
j. Private motorcycle

7. Average trip distance in a day *

Mark only one answer.

a. 2 km
b. 5-10 km
c. 10.1-20 km
d. 20-30 km
e. >30 km

Socio-psychological constuct of LEZ Acceptance

No	Statement	Strongly disagree	Disa-gree	Neutral	Agree	Strongly agree
		1	2	3	4	5
	Social Norm					
1	I think the people of Jakarta are worried about air pollution					
2	My friends and family are worried about the level of air pollution					
	Perceived Behavioural Control (PBC)					
3	It would be straightforward for me to adapt my travel behaviour around a Low Emission Zone					
4	I don't need a car to get to the city/town centre so Low Emission Zones is unlikely to affect me					
	Attitude					
5	Low Emission Zones should not be considered by policy makers					
6	Investing in Low Emission Zones would be a waste of public funding					
	Personal Norm					
7	The idea of Low Emission Zones fits in well with my values					
8	Improving air quality is a policy which is personally important to me					
	Positive Affect					
9	Establishing Low Emission Zones would make me proud					
10	I would be excited by the prospect of Low Emission Zones					
11	I would be glad to see Low Emission Zones introduced					
	Negative Affect					
12	The introduction of Low Emission Zones would annoy me					

No	Statement	Strongly disagree	Disa-gree	Neutral	Agree	Strongly agree
		1	2	3	4	5
13	I think the regulations surrounding Low Emission Zones would cause me frustration					
14	I would be disappointed if Low Emission Zones were introduced					
	Perceived Benefit					
15	The health of citizens would be better if Low Emission Zones are introduced					
16	Walking within a Low Emission Zone would be a more pleasant experience					
	Perceived Cost					
17	The public costs of implementing and operating Low Emission Zones would be huge					
18	Implementing Low Emission Zones would reduce economic prosperity					
	Perceived Risk					
19	Low Emission Zones would just relocate highly polluting vehicles to other areas					
20	People will find ways around Low Emission Zone regulations					
21	Introducing Low Emission Zones would likely generate negative unintended consequences					
	Outcome Efficacy					
22	Low Emission Zones would not be effective at lowering the levels of local air pollution					
23	There are better ways to improve air quality than introducing Low Emission Zones					
	Trust					
24	I am confident that the Government would introduce Low Emission Zones appropriately					
25	I trust that Low Emission Zone regulations would be developed and implemented effectively					
	Procedural Fairness					
26	The government would be righteous to consider restricting the use of polluting vehicle in towns/cities					
27	Low Emission Zones would be an appropriate measure to improve local air quality					
28	The types of vehicle restricted by a Low Emission Zone would be selected carefully by the Government					
	Distributive Fairness					
29	While Low Emission Zones maybe good for some people, they would significantly hinder other people					
30	I think Low Emission Zones would have unfair impacts on some people					
31	Low Emission Zones would penalise people who are already in vulnerable positions					
	Problem Perception					
32	Vehicle use is having a severe impact on people's health and wellbeing					
33	I am very concerned about the level of air pollution					

LEZ Acceptance

No	Statement	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
		1	2	3	4	5
	Acceptability					
1	Overall, I would support the introduction of Low Emission Zones in my nearest urban area					
2	I think the implementation of Low Emission Zones is an acceptable policy					
3	I will vote to support LEZ if there is a public discussion by the government or a representative of the stakeholders					

Vehicle Restriction Preference

No	Vehicle Restriction	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
		1	2	3	4	5
	Alternatives strategy for restriction within LEZ areas					
1	Parking fare management					
2	Congestion pricing					
3	Emission based restriction					
4	Odd-even					
	Alternatives of vehicle that restricted within LEZ areas					
1	Car					
2	Motorcycle					
3	Goods vehicle					