OIE SEA ASF RA PROJECT - MALAYSIA

1. GIS data collection

- 2. Selected pathways
 - 1. Pig and pork importation (through legal imports of pigs and swine products).
 - 2. Swill feeding The risk of feral pigs accessing to swine products discarded in landfills was slightly higher than the potential exposure of domestic pigs through swill feeding
 - 3. Wild boar; infected wild boar cross boarders of ASF positive country

3. Data collection on trade

Source of collected data

- i. DVS official documents (livestock trading information, movements of the commodities)
- ii. Government data (statistics) and guidelines
- iii. Scientific literature (local and international journal)
- iv. Expert opinions (pigs association/professionals)
- v. Importation requirements (DVS protocol)
- vi. OIE WAHIS database
- vii. Farmers (surveillance/questionnaire)
- viii. Social media

GIS Data Collection

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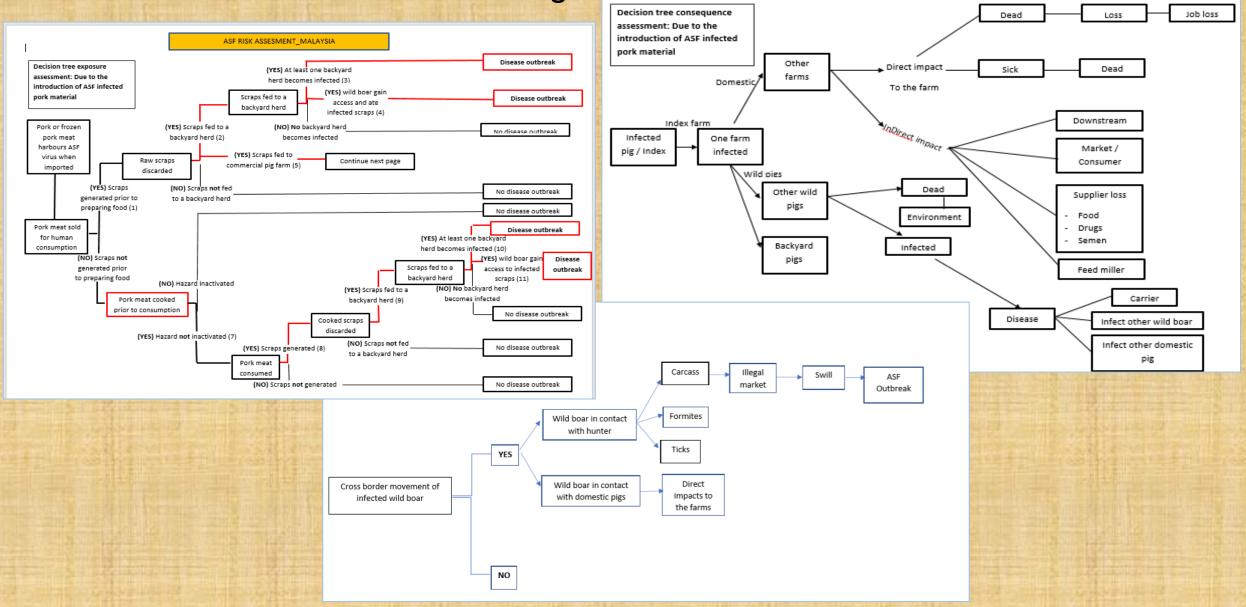
1 Province	Are there pig raising/keeping/ production activities in the province?	What is the total number of pigs in the province?	What is the total number of pig farms	What is the number of farms with extensive/backvard	of pigs raised in farms with	What is the number of farms with semi- intensive production	of pigs raised in farms with semi-	of farms with intensive production	What is the number of pigs raised in farms with intensive production system in the province?	of farms engaged only in breeding	What is the number of pigs raised in farms engaged only in breeding activities in the province?	of farms engaged only in fattening	of pigs raised in farms engaged only	What is the number of farms engaged in both breeding and fattening activities in the province?	What is the number of pigs raised in farms engaged in both breeding and fattening activities in the province?	Does the province engage in direct import of live pigs from countries across the border?	Direct import of live pigs, where (country)?	Does the province engage in indirect import of live pigs from countries across the border?	Indirect import of live pigs, where (country)?	Does the province engage in direct export of live pigs to countries across the border?	Direct export of live pigs, where (country)?
	A.1.	A.2.	A.3.	A.4.	A.5.	A.6.	A.7.	A.8.	A.9.	A.10.	A.11.	A.12.	A.13.	A.14.	A.15.	B.1.	B.2.	B.3.	B.4.	B.5.	B.6.
2 Code 3 Johor	Yes	284850	47	0	0	0	0	47	284850	NA	NA	NA	NA	47	284850	No	No	No	No	No	No
4 Kedah	Yes	1541	2	0	0	0	0	2	1541	NA	NA	NA	NA	2	1541	No	No	No	No	No	No
5 Kelantan	No	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No	No	No	No	No	No
6 Melaka	Yes	40215	37	0	0	0	0	37	40215	NA	NA	NA	NA	37	40215	No	No	No	No	No	No
7 Negeri Sembilan	Yes	850	1	0	0	0	0	1	850	NA	NA	NA	NA	1	850	No	No	No	No	No	No
8 Pahang	Yes	2696	1	0	0	0	0	1	2696	NA	NA	NA	NA	1	2696	No	No	No	No	No	No
9 Perak	Yes	543245	109	0	0	0	0	109	543245	NA	NA	NA	NA	109	543245	No	No	No	No	No	No
10 Perlis	No	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No	No	No	No	No	No
11 Pulau Pinang	Yes	356592	190	0	0	0	0	190	356592	NA	NA	NA	NA	190	356592	No	No	No	No	No	No
12 Sabah	Yes	88848	45	260	3704	0	0	45	88848	NA	NA	NA	NA	45	88848	No	No	No	No	No	No
13 Sarawak	Yes	39622	83	2397	66734	0	0	83	39622	NA	NA	NA	NA	83	39622	No	No	No	No	Yes	Singapore
14 Selangor	Yes	240240	125	0	0	0	0	125	240240	NA	NA	NA	NA	125	240240	No	No	No	No	No	No
15 Trengganu	No	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No	No	No	No	No	No
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			Does the province engage in indirect export of live pigs to countries across the border?	Indirect export of live pigs, where (country)?	Does the province engage in direct import of pig feed from countries across the border?	Direct import of pig feed, where (country)?	Does the province engage in indirect import of pig feed from countries across the border?	Indirect import of pig feed, where (country)?	Does the province engage in direct export of pig feed to countries across the border?	Direct export of pig feed, where (country)?	Does the province engage in in direct export of pig feed to countries across the border?	Indirect export of pig feed, where (country)?	ls there any wild boar in the province?	What are the species of wild boar that are present in the province?	What is the vild boar population density in the province?
	Province	1													
	Code	2	B.7.	B.8.	B.9.	B.10.	B.11.	B.12.	B.13.	B.14.	B.15.	B.16.	C.1.	C.2.	C.3.
	Johor	3	No	No	No	No	No		No	No	No	No	Yes	Sus borneo barbatus	NA
4	Kedah	4	No	No	No	No	No		No	No	No	No	Yes		
1	Kelantan	5	No	No	No	No	No		No	No	No	No	Yes		
(Melaka	6	No	No	No	No	No		No	No	No	No	Yes		
1	Negeri Sembilan	7	No	No	No	No	No		No	No	No	No	Yes		
8	Pahang	8	No	No	No	No	No		No	No	No	No	Yes		
9	Perak	9	No	No	No	No	No		No	No	No	No	Yes		
1	0 Perlis	10	No	No	No	No	No		No	No	No	No	Yes		
1	1 Pulau Pinang	11	No	No	No	No	No		No	No	No	No	Yes		
1	2 Sabah	12	No	No	No	No	No		No	No	No	No	Yes		
	3 Sarawak	13	No	No	No	No	Yes	USA, Argentina, Australia	No	No	No	No	Yes		
	4 Selangor	14	No	No	No	No	No		No	No	No	No	Yes		
1	5 Trengganu	15	No	No	No	No	No		No	No	No	No	Yes		
	8	10													

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RISK PATHWAY

- importation of pig and pork products
- cross border of infected wildboar from neighbouring countries



Trade (Aerial and Terrestrial)

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3	Cambodi	a															1.1.1.4										
4	China														Live wildb	oar	1100										
5	Indonesi														A B	С	D	E	F	G	Н	1	J	к	L	м	N
6	Lao														1 Import	ars									_		
7	Malaysi	3								Legal trade					2 Exporters	Cambodia	a China	Indonesia	Lao	Malaysia	Myanmar	PNG	Singapore	The Philippines	Thailand	TL	Vietnam
8	Myanma	r								<u> </u>					3 Cambodia 4 China					N							
9	PNG														5 Indonesia					N							
10	Singapor	e													6 Lao					N							
11	The Philipp														7 Malaysia												
12	Thailan									Legal trade					8 Myanmar 9 PNG					N							
13	TL														10 Singapore					N							
14	Vietnam														11 The Philippines												
15															12 Thailand					N							
16		Legal	Legal trade												13 TL 14 Vietnam					N							
17		-	Illegal trade												15												
18		-	No trade												16 Legal	Legal trade											
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	outh Korea		Cambodia	a China	Indonesia	Lao	Malaysia	Myanmar	PNG	Singapore		hailand			A A A A A A A A A A A A A A A A A A A	в											
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3 F 4 A	outh Korea Iussia Iustralia		Cambodia	a China	Indonesia	Lao	Malaysia	Myanmar	PNG	Singapore		hailand			1 A 2 South Korea 3 Russia 4 Australia	в				Aalaysia M N N N							
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	17		Illegal trade														
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	(Cambodia China											-			-	
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Pending data/information on trade:

- Semen
- Swill
- Feed

Thank you