

LAMPIRAN

Lampiran 1. Data ekspor wood pellet ke Jepang, Korea Selatan dan Taiwan.

Negara	Jepang					Korea Selatan					Taiwan				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
Vietnam	886.984	1.159.561	1.466.310	2.394.572	2.394.572	1.941.460	1.912.268	2.101.600	2.200.792	1.791.351	1.344	620	500	589	331
Malaysia	52.154	158.013	104.076	136.965	136.965	520.294	509.231	405.745	399.157	231.387	11.172	7.971	6.404	782	840
Indonesia	2.754	14.487	49.070	55.009	55.009	239.035	302.766	314.842	415.885	479.804	5.730	3.836			
Australia	38.706	50.567	72.314	59.082	59.082										
Filipina		77				1.175	72	48	214		152		308	237	478
Thailand	42.816	12.026		3.755	3.755	157.125	49.250	23.443	85.905	140.263		52			
New Zealand		11.219	139	142	142	19.821	8.934	13.640	12.075	6.098					
China	354	463	917	952	952	8.026	3.375				2.575	2.451	2.190	2.314	1.826
Taiwan				481	481					1.016					
Jepang						197	891	1.311	2.323	2.445					
Kanada	589.661	592.886	1.050.536	1.359.405	1.359.405	11.161	51.594	329.160	346.348	288.984				75	
Amerika Serikat	354	31	27.022	302.973	302.973	1.654	56	45		31.456					
Estonia	145	148	145	46	46										
Rusia		17.350	73.580	94.852	94.852	99.482	164.593	166.552	452.631	753.646					
Jerman							45	46	57					939	453
Polandia							60								
Belanda															74
Ukraina						917	453	135	40	78					
Lithuania						126									
Afrika Selatan													77	103	51
Chili						1.639	1.224								
Brazil									1.685						
TOTAL	1.613.928	2.016.828	2.844.109	4.408.234	4.408.234	3.002.112	3.004.812	3.356.567	3.917.112	3.726.528	20.973	14.930	9.479	5.039	4.053

Sumber: diolah dari tampilan Futuremetrics.info,

Lampiran 2 : Harga PKS ke Jepang

Date	PKS (Spot) Index Sumatera Bagian Timur Fob	PKS (Spot) Peninsular Malaysia Fob
Jan 2022	97.95	
Feb 2022	100.18	
Mar 2022	110.39	
Apr 2022	122.13	
Mei 2022	126.51	
Juni 2022	130.89	
Juli 2022	130.66	
Agts 2022	130.13	115.19
Sep 2022	129.58	118.87
Okt 2022	129.83	120.56
Nov '22	129.77	121.06
Des 2022	130.92	122.35
Jan 2023	131.14	123.38
Feb 2023	129.12	124.41
Mar 2023	130.32	125.68
April 2023	131.98	127.98
Mei 2023	132.37	129.02
Juni 2023	123.45	125.96

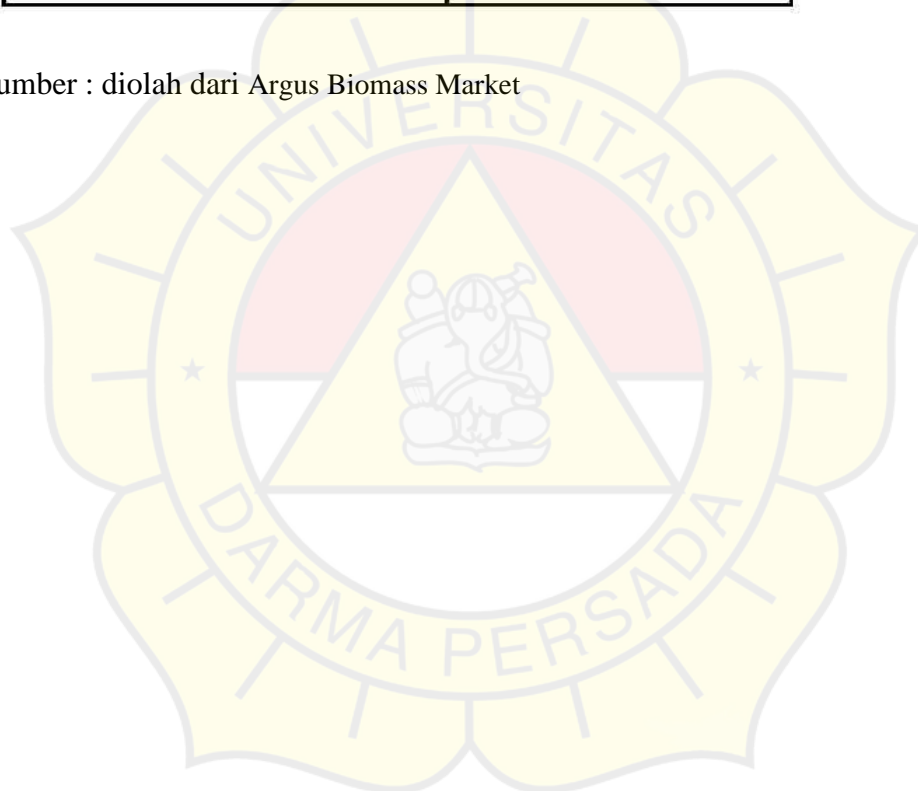
Sumber : diolah dari Argus Biomass Market

Lampiran 3 : Harga Wood Pellet ke Jepang

Average of WP FOB Vietnam to Japan FIT (USD/t)

Year 2023	Price
May	134.37
Jun	135.23
Jul	136.55
Aug	138.97
Sep	143.05
Oct	142.61

Sumber : diolah dari Argus Biomass Market



Lampiran 4 : Harga Wood Pellet ke Korea

Average of Wood pellets Index Gwangyang CFR (USD/t)		
Months (Date)	2021	2022
Jan	113.50	166.67
Feb	114.44	173.78
Mar	112.10	186.53
Apr	113.61	196.65
May	114.64	202.75
Jun	115.74	196.37
Jul	116.88	187.92
Aug	128.57	181.93
Sep	131.95	182.69
Oct	139.95	192.01
Nov	147.63	201.75
Dec	155.58	196.94

Average of Wood pellets Index Vietnam to S Korea FOB (USD/t)		
Months (Date)	2021	2022
Jan	95.63	115.52
Feb	97.57	119.67
Mar	97.58	137.14
Apr	98.25	149.45
May	98.83	157.57
Jun	100.09	154.60
Jul	101.45	151.13
Aug	110.96	147.91
Sep	113.66	152.25
Oct	118.37	163.42
Nov	119.12	178.23
Dec	113.92	172.86

Sumber : diolah dari Argus Biomass Market