



Update on WIPO IPOBSD Technical Assistance Projects

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Current Status

- IP Office automation platforms is used by 5 ASEAN IP Offices and data sharing by all ASEAN offices

Office	IP System	Data Source
BN	WIPO IPAS	WIPO Publish
ID	WIPO IPAS	WIPO Publish
MY	Office-Specific	WIPO Publish
PH	WIPO IPAS	WIPO Publish
TH	Office-Specific	WIPO Publish
KH	WIPO IPAS	WIPO Publish
SG	Office-Specific	WIPO Publish
VN	WIPO IPAS	WIPO Publish

- Review and improvement of data as appropriate, currently for PH data

Data Management Project in ASEAN

	Office	Workflow Optimization	Data Cleaning	Full-text Digitization
1	Brunei			Planned
2	Cambodia	✓	✓	✓
3	Indonesia	✓	On-going	Planned
4	Philippines	✓	✓	✓
5	Lao PDR			Planned
6	Malaysia			
7	Myanmar	Planned		
8	Singapore			
9	Thailand	✓	✓	✓
10	Viet Nam	✓	Planned	Planned

WIPO IPAS Usage – ASEAN (as of 2022)



- Brunei
- Cambodia
- Indonesia
- Lao PDR
- Philippines

WIPO IP Office Systems Usage - ASEAN

	Office	WIPO IPAS + Madrid Module	WIPO Publish	WIPO CASE Depositing	WIPO File
1	Brunei	✓	✓	✓	Planned
2	Cambodia	✓	✓		✓
3	Indonesia	✓	✓		✓
4	Philippines	✓	✓		?
5	Lao PDR	✓	✓		On-going
6	Malaysia		✓		
7	Myanmar	Planned	Planned		
8	Singapore		✓	✓	
9	Thailand		✓		
10	Viet Nam	✓	✓		

Number of Patents and Utility Models In the Database

Office	Number of Patents and Utility Models (Nov, 2021)	Number of Patents and Utility Models (Mar, 2022)	Number of Patents and Utility Models (Dec, 2022)
Brunei (BN)	1,458	1458	1,483
Cambodia (KH)	47	52	52
Indonesia (ID)	135,802	135,802	170,599
Laos (LA)	15	15	15
Malaysia (MY)	183,658	187,211	189,183
Philippines (PH)	105,796	108,335	108,335
Singapore (SG)	236,687	236,687	236,687
Thailand (TH)	156,378	159,335	161,626
Vietnam (VN)	86,934	87,038	96,592
Total	906,775	915,933	964,572

Offices Data Upload Status

Office	Latest Publication Date (Nov, 2021)	Latest Publication Date (Mar, 2022)	Latest Publication Date (Dec, 2022)	
Brunei	● Jun, 2020		● May, 2022	
Cambodia	● Aug, 2019	● Jul, 2020	● Jul, 2020	
Indonesia	● Jul, 2019		● Nov, 2022	
Laos	● Dec, 2018		● Dec, 2018	
Malaysia	● Aug, 2021	● Nov, 2021	● Jul, 2022	
Philippines	● Oct, 2021	● Feb, 2022	Feb, 2022	● New data upload is on hold for pending data improvements being made with WIPO Publish.
Singapore	● Mar, 2021			Regular Update is on hold for full collection data download.
Thailand	● Oct, 2021	● Mar, 2022	Jul, 2022	
Vietnam	● Oct, 2021		● Nov, 2022	Data uploading is ad hoc and manual due to infrastructure restriction.

Data Quality Improvement

- Is the database complete?

Office	ASEAN PATENTSCOPE Published Patents and Utility Models as of Dec, 2022	WIPO IP Statistics Data Center Total Filings Patents and Utility Models 1980 – 2021 (As of Nov, 2022) (for reference only)
Brunei (BN)	1,483	1,585
Cambodia (KH)	52	1,333
Indonesia (ID)	170,599	182,034
Laos (LA)	15	677
Malaysia (MY)	189,183	190,352
Philippines (PH)	108,335	139,705
Singapore (SG)	236,687	262,377
Thailand (TH)	161,626	225,343
Vietnam (VN)	96,592	97,675
Total	964,572	1,101,081

Data Quality Issues as of Dec 2022

	BN		KH		ID		LA	
		% of All App.		% of All App.		% of All App.		% of All App.
Total Applications	1,483		52		170,599		15	
Total Direct Filing Applications	1,290	86.99%	47	90.38%	94,060	55.14%	9	60.00%
Total PCT National Phase Entry App.	193	13.01%	5	9.62%	76,539	44.86%	6	40.00%
Without Filing Date	-	0.00%	-	0.00%	24,373	14.29%	-	0.00%
Without Publication Date	-	0.00%	-	0.00%	24,124	14.14%	5	33.33%
Without Publication Number	-	0.00%	-	0.00%	24,124	14.14%	5	33.33%
Without Title	3	0.20%	-	0.00%	24,130	14.14%	-	0.00%
Without Abstract	809	54.55%	4	7.69%	10,465	6.13%	-	0.00%
Without Applicant Name	-	0.00%	-	0.00%	76	0.04%	-	0.00%
Without Applicant Address	45	3.03%	-	0.00%	17,243	10.11%	-	0.00%
Without Inventor Name	84	5.66%	2	3.85%	35,964	21.08%	1	6.67%
Without IPC	302	23.41%	1	2.13%	14,063	14.95%	3	33.33%
		% of NPE App.		% of NPE App.		% of NPE App.		% of NPE App.
NPE Without NPE Date	-	0.00%	5	100.00%	13	0.02%	-	0.00%
NPE With Wrong NPE Date	1	0.52%	-	0.00%	15,738	20.56%	-	0.00%
NPE Without PCT App. Number	-	0.00%	-	0.00%	15	0.02%	-	0.00%
NPE Without PCT Publication Number	1	0.52%	-	0.00%	1,413	1.85%	-	0.00%
NPE Without Title	-	0.00%	-	0.00%	3	0.00%	-	0.00%
NPE Without Abstract	-	0.00%	-	0.00%	128	0.17%	-	0.00%
NPE Without IPC	3	1.55%	-	0.00%	145	0.19%	-	0.00%
NPE Without Applicant Name	-	0.00%	-	0.00%	48	0.06%	-	0.00%
NPE Without Applicant Address	4	2.07%	-	0.00%	192	0.25%	-	0.00%
NPE Without Inventor Name	1	0.52%	-	0.00%	1,783	2.33%	-	0.00%

Data Quality Issues as of Dec 2022

	MY		PH		SG		TH		VN	
		% of All App.		% of All App.		% of All App.		% of All App.		% of All App.
Total Applications	189,183		108,335		236,687		161,626		96,592	
Total Direct Filing Applications	118,662	62.72%	69,494	64.15%	88,478	37.38%	117,775	72.87%	35,756	37.02%
Total PCT National Phase Entry App.	70,521	37.28%	38,841	35.85%	148,209	62.62%	43,851	27.13%	60,836	62.98%
Without Filing Date	1	0.00%	-	0.00%	155	0.07%	-	0.00%	11,626	12.04%
Without Publication Date	122,632	64.82%	48,290	44.57%	168,806	71.32%	-	0.00%	11,627	12.04%
Without Publication Number	122,632	64.82%	48,290	44.57%	168,806	71.32%	-	0.00%	11,627	12.04%
Without Title	9	0.00%	-	0.00%	2	0.00%	4	0.00%	11,628	12.04%
Without Abstract	2,263	1.20%	52,112	48.10%	50,165	21.19%	4,124	2.55%	12,019	12.44%
Without Applicant Name	12,218	6.46%	3	0.00%	422	0.18%	8,155	5.05%	11,626	12.04%
Without Applicant Address	13,287	7.02%	30,069	27.76%	14,198	6.00%	8,566	5.30%	11,772	12.19%
Without Inventor Name	238	0.13%	44,301	40.89%	14,694	6.21%	8,148	5.04%	11,633	12.04%
Without IPC	48,878	41.19%	3,649	5.25%	56,585	63.95%	2,445	2.08%	12,009	33.59%
		% of NPE App.		% of NPE App.		% of NPE App.		% of NPE App.		% of NPE App.
NPE Without NPE Date	1,339	1.90%	18	0.05%	85	0.06%	-	0.00%	-	0.00%
NPE With Wrong NPE Date	176	0.25%	79	0.20%	-	0.00%	4	0.01%	10,864	17.86%
NPE Without PCT App. Number	2	0.00%	607	1.56%	64	0.04%	-	0.00%	4	0.01%
NPE Without PCT Publication Number	93	0.13%	4,650	11.97%	192	0.13%	154	0.35%	6	0.01%
NPE Without Title	-	0.00%	-	0.00%	2	0.00%	-	0.00%	2	0.00%
NPE Without Abstract	183	0.26%	3,914	10.08%	13,844	9.34%	32	0.07%	5	0.01%
NPE Without IPC	61	0.09%	135	0.35%	21,814	14.72%	14	0.03%	2	0.00%
NPE Without Applicant Name	9	0.01%	-	0.00%	34	0.02%	5,711	13.02%	-	0.00%
NPE Without Applicant Address	15	0.02%	480	1.24%	99	0.07%	5,959	13.59%	8	0.01%
NPE Without Inventor Name	105	0.15%	1,927	4.96%	120	0.08%	5,712	13.03%	4	0.01%

Thank you!