

aviareto

International Registry of Mobile Assets (Aircraft Equipment)





SEVENTEENTH ANNUAL STATISTICAL REPORT OF THE REGISTRAR

1 January – 31 December

2022

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INTRODUCTION

The International Registry of Mobile Assets (Aircraft Equipment) ("the Registry") was established pursuant to the provisions of the Cape Town Convention and Aircraft Protocol.¹

The International Civil Aviation Organization ("ICAO") is the Supervisory Authority of the Registry² and Aviareto Limited is the Registrar of the Registry³.

Section 10.1 of the Regulations for the Registry⁴ ("the Regulations") requires the Registrar to maintain updated registration statistics and shall publish them in an annual report. This report shall be electronically accessible to any person.

Section 10.2 of the Regulations states "the registration statistics" shall consist of:

"(a) transactional volumes and revenues subdivided in each case by registration type and geographic distribution; and (b) other compilations of non-confidential information requested by the Supervisory Authority".

The seventeenth annual statistical report is being posted on the Registry website in fulfilment of the requirements of Section 10 of the Regulations.

Rob Cowan
Managing Director
Aviareto Limited
Registrar of the International Registry of Mobile Assets (Aircraft Equipment)

October 2023

¹ Convention on International Interests in Mobile Equipment (ICAO Doc 9793) and Protocol to the Convention on International Interests in Mobile Equipment on Matters specific to Aircraft Equipment (ICAO Doc 9794), both signed at Cape Town on 16 November 2001.

² Pursuant to Resolution No. 2 adopted by the Cape Town Diplomatic Conference on 16 November 2001.

³ Contract for the Operation of the International Registry for International Interests in Mobile Equipment (Aircraft Equipment) between ICAO and Aviareto Limited, dated 1 March 2022.

⁴ Regulations and Procedures for the International Registry (ICAO Doc 9864 –Ninth Edition - 2022).

NOTES TO THE REPORT

- 1. The **fee categories** used for segmenting events and revenues in this report are set out in Table 1 of the Fee Schedule Appendix to the Procedures. The fee categories are:
 - Controlled entity set-up fee (1 year)
 - User set-up fee (1 year)
 - · Registration fee
 - Replacement administrator fee
 - Entity name change fee
 - Spare engine fee
 - Priority search fee
 - · Priority search machine-readable format fee
 - Lost certificate fee
- 2. The registration types used in this report are:5
 - International interest
 - Prospective international interest
 - Assignment of an international interest
 - Prospective assignment of an international interest
 - Sale
 - Prospective sale
 - Subordination⁶
 - International interest acquired through subrogation
 - Registrable non-consensual right or interest
 - Assignment of a registrable non-consensual right or interest
 - Pre-existing right or interest
 - Notice of a national interest
 - Transfer of a right to consent to the discharge of a registration
- 3. The **revenues** set out in this report (other than in the statutory accounts) are based on the payment received at the time of each transaction. In the statutory accounts revenues received in respect of user set-up and renewal fees are recognized in equal monthly amounts over the life of the licence purchased (that is, over 12 months).
- 4. The data in this report have been extracted from the logs of the Registry and the Registry database and all monetary amounts are in US\$.

⁵ Registration types may be created, amended or discharged, as appropriate.

⁶ The term "Subordination" as used in this report covers subordination of an international interest, a prospective international interest, a national interest and a registrable non-consensual right or interest.

REVIEW OF THE REGISTRY

Cape Town Convention and Aircraft Protocol

As of 31 December 2022, there were 81 Parties to the Cape Town Convention and Aircraft Protocol, as follows:

Afghanistan Malawi Albania Malaysia Angola Malta Argentina Mexico Australia Mongolia **Bahrain** Mozambique Bangladesh Myanmar **Belarus** Namibia **Bhutan** Netherlands⁷ Brazil New Zealand Burkina Faso Nigeria Cabo Verde Norway Cameroon Oman Canada **Pakistan** China Panama Colombia **Paraguay** Congo Qatar

Costa Rica Republic of Moldova

Côte d'Ivoire Romania

Cuba Russian Federation

Democratic Republic of the Congo Rwanda Denmark San Marino Egypt Saudi Arabia Eswatini Senegal Ethiopia Sierra Leone **European Union** Singapore Fiji South Africa Spain Gabon Ghana Sweden Iceland **Tajikistan** India Togo Indonesia Türkiye

Jordan United Arab Emirates
Kazakhstan United Kingdom

Kenya United Republic of Tanzania

Kuwait United States
Kyrgyzstan Uzbekistan
Latvia Viet Nam
Luxembourg Zambia

Madagascar

Ireland

Ukraine

⁷ For Aruba, Curaçao, Sint Maarten and the Caribbean part of the Netherlands (the islands of Bonaire, Sint Eustatius and Saba).

Activity levels

Activity levels in 2022 were flat compared to 2021.

There were 150,805 registrations effected in 2022, an increase of 8.2% against 2021. This is the highest annual figure since the International Registry went live in 2006. The previous record was 139,281 in 2021. The figure for registrations includes transfers of a right to consent to the discharge of a registration (RTD).

Overall, registrations actually dropped in 2022; 122,407 down 12% from 139,281 in 2021.

Registrations were made on 37,193 individual objects in 2022, down 4.1% on 2021.

The number of registrations effected through CLOSING ROOM® in 2022 was 106,201. This was a 3% increase on the previous year and represents 70% of all registrations made during the year.

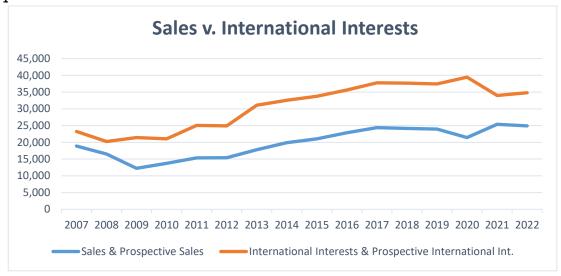
The number of registrations of sales effected in 2022 on the Registry decreased by 1.7%, down to 24,931 from 25,382 the previous year. This was in contrast to the number of registrations of sales effected in 2021 which was the highest number of sales registered in any calendar year since go live.

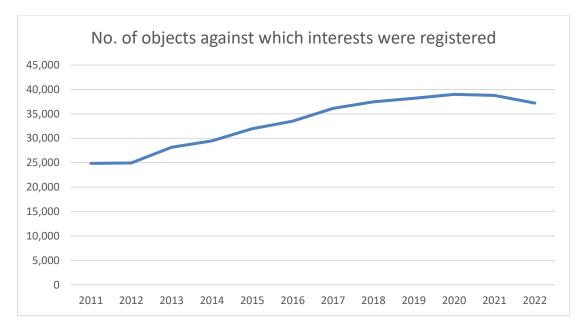
The combined figure for international interests and prospective international interests (representing financing and leasing of aircraft) increased by 2.4% in 2022 to 34,801 from 33,977 in 2021. The total number of registrations of sales effected compared with international interests is represented in Fig 1 below.

There was a significant increase in the number of RTD transfers recorded in 2022. The number grew by 99% to 28,398 from 14,264 in 2021. The increase related to a significant entity merger which took place during the year, where the surviving entity was transferee on a large proportion of RTD transfers.

The number of priority search certificates issued decreased by 8.3% to 119,670 from 130,548 in 2021. This brought the number of certificates issued back to 2018 levels.





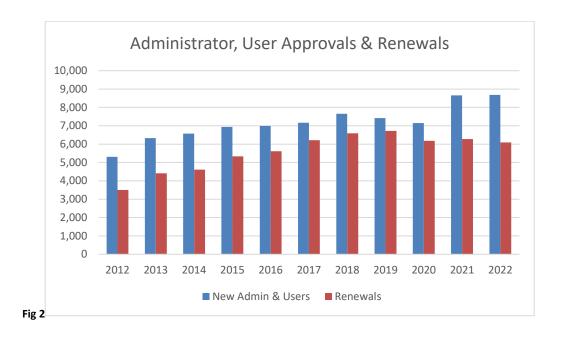


The changes in activity levels against the previous year are noted in the table below.

Number of objects against which interests were registered:	-4.1%
Number of registrations effected:	+8.2%
Number of priority search certificates issued:	-8.3%

Administrators and users

The total number of new administrators and users in 2022 remained flat at 8,686, an increase of less than 1% on 2021. Licence renewals decreased by 3% from 6,280 in 2021 to 6,090 in 2022. These figures are represented in Fig 2 below.



The number of controlled entities created in 2022 fell by 33% from 256 in 2021 to 171. Controlled entity renewals were relatively flat with a slight decrease of 1% from 863 in 2021 to 854 in 2022.

On 1 June 2022 a new Cloud PKI solution was introduced which removed the need for users to replace their digital certificates if they became lost. Therefore, this transaction type is no longer in use on the International Registry.

Number of new administrators and users approved	+0.32%
Number of controlled entities created	-33%
Number of licences renewed	-3 %
Number of controlled entities renewed	-1 %

The overall revenue (on a cash basis) for user account type transactions was \$3,129,030 broken down as follows:

User Set Up	Controlled	Replacement	Lost	Entity Name	Licence	Controlled Entity
	Entity Set Up	Administrator	Certificates ⁸	Changes	Renewals	Renewals
\$1,679,000	\$30,780	\$14,550	\$2,580	\$30,400	\$1,218,000	\$153,720

Manufacturer Serial Numbers

By the end of the year, 60 manufacturers were regularly supplying the Registry with updates of the manufacturer serial numbers (MSNs) of airframes, helicopters, and engines. Over 417,217 MSNs are now stored on the Registry system. This information is electronically supplied to registering users. The use of such information, where supplied, is mandatory under Section 5.1 of the Regulations.

⁸ This figure represents lost certificate applications from 1 January 2022 to 31 May 2022.

The cooperation of manufacturers in supplying this information to the Registry was arranged through the Aviation Working Group.

Registry availability9

The availability achieved in 2022 was 99.15% compared to 99.32% in 2021. The drop in availability resulted from outages experienced with one major key supplier. The supplier has since changed and therefore this is no longer an issue.

				Regis	try Availa	bility				
2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
98.82%	98.71%	99.25%	99.89%	99.61%	98.91%	99.79%	99.76%	99.79%	99.32%	99.15%

Improvements to the Registry system

There was a significant system upgrade on the International Registry on 1 June 2022. Based on industry feedback, the method of authentication and logging into the International Registry was upgraded. Also, the method of signing registrations was moved to the Cloud, making it available to users from any computer. The upgrade allows users to access the system using a username, password and one-time password from any computer and further enhances the security of the system.

Google Analytics¹⁰

Google Analytics™ was first introduced on the Registry in April 2020 and enables better monitoring of user trends on the Registry throughout the year. There was a spike in users in June 2022 due to the Cloud PKI user migration noted above.

Month	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Unique Visitors	2,439	2,714	3,381	2,473	3,547	7,173	2,153	1,903	1,971	2,918	3,134	2,969
Page Views	155,215	145,463	198,476	157,285	192,079	214,244	165,665	173,669	171,446	159,012	182,362	225,080

Registry system security

In 2022, the cybersecurity auditor for the International Registry, Deloitte Ireland LLP, conducted a number of security audits and penetration tests against the International Registry system and on Aviareto's corporate IT environment, including but not limited to, infrastructure and

⁹ Registry availability is the percentage of time the International Registry was available to registry users and guests during the year.

¹⁰ Unique visitors: Number of unduplicated visitors to the website per month. Page views: Total number of pages viewed including any repeated views of a single page.

application penetration testing in cloud and on premise. Risks continue to be monitored and managed, particularly as the Registrar works towards moving the infrastructure to the cloud.

Liability insurance

Errors and omissions insurance cover reduced to \$62.5 million in 2022, compared with \$150 million in 2021. This continues the trend of 2021 where the insurance market hardened further, resulting in lower cover and increased cost.

Complaints

Section 8 of the Regulations and Section 14 of the Procedures make provision for complaints to be made to the Registrar under Section 8.1 (operational complaints) and 8.3 (complaints regarding unilateral registrations).

In 2022 there were no complaints made under Section 8.1 or 8.3.

Liaison with the user community

The Registrar conducted its customary annual survey of customer opinion during the second half of the year. Feedback from the user community and the outcome of the survey are important in shaping the programme for the Registry's future development. The overall weighted Registry user experience achieved a composite score of 8.29 (out of 10) in 2022, a marginal decrease from 8.55 in 2021.

The Registrar continued to maintain close contact with the industry. The Managing Director attended a conference of the Cape Town Convention Academic Project in Cambridge, UK in September, a meeting of the Aviation Working Group (www.awg.aero) in New York, USA in October and meetings with industry representatives in Fort Lauderdale and Seattle, USA in July.

Tax free status

The concession granted by the Irish Revenue Commissioners to the Registrar exempting corporation tax in respect of its operation of the Registry was renewed for 2022.

International Standards Organisation (ISO)

The Registrar achieved a successful surveillance audit to Standard ISO 9001:2015¹¹. This was with the National Standards Authority of Ireland. Successful surveillance audits were also

¹¹ ISO Quality Management Systems

carried out by the British Standards Institute on Standards ISO 27001:2013 12 and ISO 22301:2019 13 .

Financial performance of the Registrar

The Statement of Financial Position of the Registrar for 2022 as filed with the Irish Companies Registration Office are included in this report.

The Registrar had a deficit of \$427,601 in income over expenditure in 2022 (\$120,664 surplus in 2021) resulting in a shareholders' surplus of \$9,939,286 (\$10,378,300 in 2021) comprising \$9,699,251 of retained earnings and \$240,035 of called-up share capital. During the course of the year, capital expenditure on the system of \$2,037,431 (\$1,969,434 in 2021) was incurred. At year end the Registrar had deferred revenue obligations to its users of \$1,459,660 (\$1,530,395 in 2021).

Cases brought under Article 44 of the Cape Town Convention

Under Article 44 (1) of the Cape Town Convention, "[t]he courts of the place in which the Registrar has its centre of administration shall have exclusive jurisdiction to award damages or make orders against the Registrar".

As the Registrar is located in Ireland, the Irish High Court has exclusive jurisdiction to award damages and make orders against the Registrar. The relevant Irish legislation is the *International Interests in Mobile Equipment (Cape Town Convention) Act 2005* with procedural matters set out in Order 81A of the *Rules of the Superior Courts*, S.I. No. 31 of 2008.

In 2022 two cases came before the High Court in Ireland. The Registrar was a named Respondent in the proceedings as prescribed by the Rules of the Superior Courts.

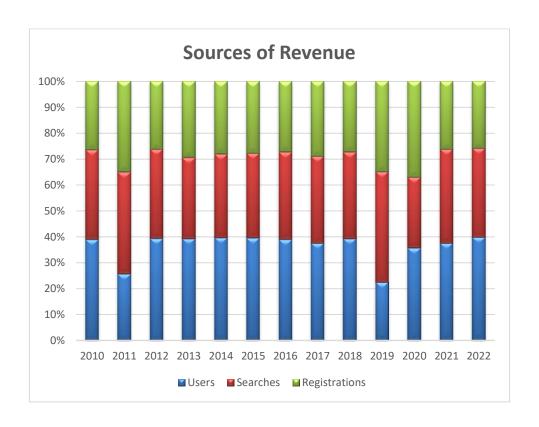
The cases proceeded under Article 44 of the Convention, and both related to situations where the right to consent to the discharge (RTD) holders on several registrations had been dissolved. The Applicants brought proceedings seeking to have the registrations discharged by the Registrar. The Court ordered the Registrar to effect the discharges and it duly did so.

¹² ISO Information Security Management Systems

¹³ ISO Business Continuity Management Systems

SOURCES OF REVENUE

Table 1 - Division of the Registrar's cash income from three main categories: Users, Registrations and Searches¹⁴



¹⁴ All Fee Categories as outlined in Table 1 of the Fee Schedule Appendix to the Procedures are represented in this table. 'Registrations' is the sum of all revenue generated from registration fees and spare engine fees. 'Users' is the sum of all revenue generated from controlled entity set-up and renewal fees, user set-up and renewal fees, replacement administrator fees, entity name change fees and lost certificate fees. 'Searches' is the sum of all revenue generated from priority search fees and priority search machine-readable format fees.

SUMMARY OF REGISTRY ACTIVITY LEVELS

Table 2 – Summary of Registry activity levels since 2011

Activity	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
No. of objects against which interests were registered	24,862	24,948	28,152	29,461	31,949	33,491	36,129	37,449	38,185	38,985	38,788	37,193
No. of registrations effected*	63,060	72,034	86,612	100,188	115,255	118,940	131,562	136,020	138,834	134,316	139,281	150,805
No. of new administrators and users approved	5,100	5,310	6,325	6,570	6,939	6,993	7,166	7,657	7,418	7,147	8,685	8,686
No. of licence renewals	2,142	3,505	4,411	4,610	5,338	5,615	6,214	6,586	6,716	6,181	6,280	6,090
No. of Priority Search Certificates issued	72,253	73,406	83,412	90,788	101,475	109,730	113,276	118,939	**124,464	**134,921	**130,548	**119,670

^{*} This figure is the total number of registrations effected and, from 2012, includes transfers of a right to consent to the discharge of a registration.

^{**} This figure also includes Priority Search Certificates issued in machine readable format.

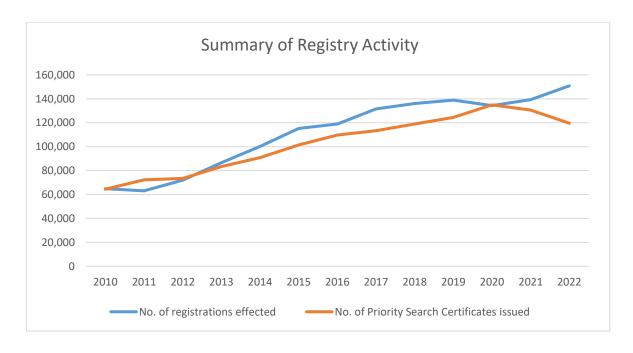


Table 3 - Transaction Volumes by type and country in 2022

	Account	Type Transaction	on					Registry ¹⁵ Debtor ¹⁶ 0 5 3 90 0		Searches
Country	User Set Up	Controlled Entity Set Up	Replacement Administrator	Lost Certificates	Entity Name Changes	Licence Renewals	Controlled Entity Renewals		Location of Debtor ¹⁶	Search Certificates ¹⁷
Albania	1	0	0	0	0	0	0	0	0	0
Angola	1	0	0	0	0	1	0	5	9	0
Antigua and Barbuda	0	0	0	0	0	0	0	3	0	0
Argentina	5	0	0	0	0	4	0	90	85	19
Armenia	1	0	0	0	0	0	0	0	0	0
Australia	122	0	3	7	4	90	2	558	782	1,011
Austria	18	0	1	0	1	7	0	184	44	25
Azerbaijan	1	0	1	0	0	1	0	0	3	4
Bahamas	7	0	0	0	0	2	0	1	13	0
Bahrain	3	0	0	0	0	2	0	43	25	0
Bangladesh	1	0	0	0	0	2	0	23	3	0
Barbados	2	0	0	0	0	2	0	0	5	0
Belarus	0	0	0	0	0	0	0	44	0	0
Belgium	4	0	0	2	0	8	0	38	70	0
Belize	1	0	0	0	0	1	0	9	10	0
Bhutan	0	0	0	0	0	0	0	1	0	0
Bolivia (Plurinational State of)	1	0	0	0	0	0	0	6	2	0
Botswana	0	0	0	0	0	2	0	0	0	0
Brazil	51	0	3	0	0	32	0	1,146	774	1,481
Bulgaria	3	0	0	0	0	1	0	22	10	0

¹⁵ This data represents registrations effected on the Registry in respect of airframes and helicopters only, as engines do not have a State of Registry.

¹⁶ This data represents the total number of registrations by country of location of the debtor. This figure does not include auto-discharges which may occur with amendment registrations effected under Section 5.13(a) of the Regulations.

¹⁷ This data includes the machine-readable format fee as of 1 October 2019.

	Account	Type Transaction	on					Registration Tra	ansactions	Searches
Country	User Set Up	Controlled Entity Set Up	Replacement Administrator	Lost Certificates	Entity Name Changes	Licence Renewals	Controlled Entity Renewals	State of Registry ¹⁵	Location of Debtor ¹⁶	Search Certificates ¹⁷
Burkina Faso	1	0	0	0	0	0	0	12	0	0
Cabo Verde	0	0	0	0	0	0	0	16	6	0
Cambodia	1	0	0	0	0	0	0	8	0	0
Canada	311	1	36	19	9	338	6	1,911	3,015	2,851
Chad	1	0	0	0	0	0	0	1	0	0
Chile	7	0	0	1	1	3	1	47	298	1
China	145	7	10	5	1	112	1	523	540	574
Colombia	6	0	0	1	0	10	0	139	707	1
Congo	0	0	1	0	0	2	0	0	13	0
Cook Islands	0	0	0	0	0	0	0	4	0	0
Costa Rica	4	0	0	0	0	5	0	4	116	0
Côte d'Ivoire	0	0	0	0	0	1	0	5	0	0
Croatia	0	0	0	0	0	0	0	5	0	0
Cyprus	29	0	1	0	2	5	1	2	61	11
Czechia	2	0	0	0	0	3	0	21	18	0
Democratic Republic of the Congo	1	0	0	0	0	0	0	7	0	0
Denmark	31	0	3	1	0	19	6	200	173	769
Djibouti	1	0	0	0	0	0	0	0	0	0
Dominican Republic	2	0	0	0	0	0	0	10	2	1
Ecuador	0	0	0	0	0	2	0	5	75	0
Egypt	7	0	0	0	0	5	0	75	113	0
El Salvador	1	0	0	0	0	1	0	0	159	0
Estonia	2	0	0	0	0	1	0	15	4	5
Ethiopia	0	0	0	0	0	1	9	111	64	0
Fiji	0	0	0	1	0	3	0	4	8	0
Finland	1	0	0	1	0	1	2	31	24	37
France	65	4	7	1	1	43	91	227	1,888	91
Gabon	1	0	0	0	0	0	0	8	3	0

	Account	Type Transaction	on					Registration Tra	ansactions	Searches
Country	User Set Up	Controlled Entity Set Up	Replacement Administrator	Lost Certificates	Entity Name Changes	Licence Renewals	Controlled Entity Renewals	State of Registry ¹⁵	Location of Debtor ¹⁶	Search Certificates ¹⁷
Georgia	0	0	0	0	0	0	0	12	0	1
Germany	60	0	3	0	1	43	0	81	163	79
Ghana	0	0	0	1	0	1	0	1	3	0
Greece	1	0	0	0	0	0	0	43	9	0
Guatemala	3	0	0	0	0	1	0	6	14	0
Guinea	0	0	0	0	0	0	0	6	0	0
Honduras	0	0	0	0	0	1	0	3	2	0
Hungary	0	0	2	2	0	1	0	101	12	0
Iceland	3	0	0	0	0	6	1	79	121	3
India	28	0	2	1	1	13	0	1,057	640	2,862
Indonesia	8	0	1	3	0	16	0	1,219	592	18
Ireland	891	27	47	36	26	559	263	1,075	9,935	12,336
Israel	4	0	0	0	0	1	0	9	21	2
Italy	10	1	1	0	1	9	1	44	143	2
Japan	218	10	10	26	1	277	151	32	741	190
Jordan	1	0	1	0	0	3	0	14	16	8
Kazakhstan	1	0	0	0	0	3	0	19	65	5
Kenya	10	0	0	0	1	10	0	123	57	7
Kuwait	0	0	0	0	0	1	0	9	17	0
Kyrgyzstan	1	0	0	0	0	0	0	0	0	0
Lao People's Democratic Republic	2	0	0	0	0	0	0	0	6	0
Latvia	4	0	0	0	0	2	0	179	122	2
Lebanon	4	0	1	0	0	1	0	0	9	1
Libya	0	0	0	0	0	0	0	1	0	0
Liechtenstein	2	0	0	0	0	0	0	0	8	0
Lithuania	3	0	1	0	0	3	0	23	20	55
Luxembourg	20	0	2	4	0	39	1	38	302	121
Madagascar	0	0	0	0	0	0	0	1	0	0

	Account	Type Transaction	on					Registration Tra	ansactions	Searches
Country	User Set Up	Controlled Entity Set Up	Replacement Administrator	Lost Certificates	Entity Name Changes	Licence Renewals	Controlled Entity Renewals	State of Registry ¹⁵	Location of Debtor ¹⁶	Search Certificates ¹⁷
Malaysia	38	0	1	8	1	27	1	436	746	132
Maldives	2	0	0	0	0	0	0	25	6	0
Malta	28	43	4	0	1	49	49	775	946	345
Marshall Islands	8	0	0	0	0	2	0	0	12	0
Mauritius	4	0	0	0	0	11	0	4	89	29
Mexico	41	0	1	4	1	46	0	953	625	676
Monaco	5	0	0	0	0	3	0	0	3	2
Mongolia	4	0	0	0	0	1	0	22	11	4
Morocco	1	0	0	0	0	0	0	23	10	0
Mozambique	2	0	0	0	1	1	0	9	14	0
Myanmar	0	0	0	0	0	3	0	95	6	1
Namibia	0	0	0	0	0	0	0	2	0	0
Nauru	1	0	0	0	0	0	0	0	0	0
Netherlands	16	0	4	0	1	21	2	40	170	1,060
Netherlands - Aruba	6	0	0	0	0	4	0	90	91	3
Netherlands - Curação	2	0	0	0	0	1	0	0	20	0
New Zealand	49	0	8	1	0	73	0	116	181	305
Nicaragua	1	0	0	0	0	0	0	2	2	0
Nigeria	7	0	2	0	0	7	0	14	21	8
Norway	29	1	1	4	0	18	0	365	250	88
Oman	1	0	0	0	0	1	0	16	19	0
Pakistan	3	0	0	0	0	0	0	14	17	7
Panama	15	0	0	0	0	11	1	120	138	0
Papua New Guinea	1	0	0	0	0	1	0	53	9	0
Paraguay	3	0	0	0	0	1	0	0	6	0
Peru	1	0	0	0	0	1	0	3	0	0
Philippines	1	0	0	2	0	3	0	70	11	1
Poland	3	0	0	0	0	1	0	65	5	0

	Account	Type Transaction	on					Registration Tra	nsactions	Searches
Country	User Set Up	Controlled Entity Set Up	Replacement Administrator	Lost Certificates	Entity Name Changes	Licence Renewals	Controlled Entity Renewals	State of Registry ¹⁵	Location of Debtor ¹⁶	Search Certificates ¹⁷
Portugal	4	0	0	1	1	8	0	71	15	4
Qatar	0	0	0	0	0	3	0	58	94	0
Republic of Korea	5	0	0	0	0	0	0	88	7	8
Republic of Moldova	0	0	0	1	0	2	0	7	4	0
Romania	7	0	1	1	1	6	0	54	47	20
Russian Federation	7	0	0	1	0	4	0	6	63	14
Rwanda	1	0	0	0	0	0	0	3	3	0
Saint Kitts and Nevis	1	0	0	0	0	0	0	0	3	0
Saint Vincent and the Grenadines	3	0	0	0	0	0	0	0	6	0
Samoa	1	0	0	0	0	1	0	0	0	0
San Marino	0	0	0	0	0	3	0	64	3	27
Saudi Arabia	7	0	0	0	0	3	0	35	50	0
Senegal	1	0	0	0	0	0	0	12	11	0
Serbia	0	0	0	0	0	0	0	6	0	0
Seychelles	8	0	1	0	0	0	0	0	19	1
Singapore	48	0	5	16	2	58	19	143	627	1,343
Slovakia	2	0	0	0	0	0	0	7	0	1
Slovenia	0	0	0	0	0	0	0	0	1	0
South Africa	24	0	1	1	0	14	0	290	171	10
Spain	15	0	1	2	0	29	0	580	521	268
Sudan	1	0	0	0	0	0	0	0	0	0
Sweden	34	1	1	0	2	34	2	164	254	33
Switzerland	31	0	0	2	0	18	0	24	100	46
Tajikistan	1	0	0	0	0	0	0	0	6	1
Thailand	4	0	0	0	0	1	0	83	17	3
Togo	0	0	0	1	0	1	0	0	3	0
Tonga	0	0	0	0	0	0	0	4	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	13	1	0

	Account	Type Transaction	on					Registration Tra	ansactions	Searches
Country	User Set Up	Controlled Entity Set Up	Replacement Administrator	Lost Certificates	Entity Name Changes	Licence Renewals	Controlled Entity Renewals	State of Registry ¹⁵	Location of Debtor ¹⁶	Search Certificates 17
Tunisia	0	0	0	0	0	0	0	7	0	0
Türkiye	21	0	3	2	2	16	0	473	340	27
Uganda	0	0	0	0	0	0	0	1	0	0
Ukraine	1	0	0	0	0	3	0	83	8	8
United Arab Emirates	52	0	1	4	2	39	0	311	320	252
United Kingdom	178	1	27	15	7	150	1	993	1,705	5,561
United Kingdom - Anguilla	0	0	0	0	0	1	0	0	0	0
United Kingdom - Bermuda	25	0	1	1	0	19	10	410	183	3
United Kingdom - Cayman Islands	188	0	8	3	1	69	9	162	819	45
United Kingdom - Gibraltar	4	0	0	1	0	12	0	0	5	0
United Kingdom - Guernsey	10	0	7	0	1	17	0	86	78	12
United Kingdom - Isle Of Man	36	0	0	0	0	24	0	59	69	1
United Kingdom - Jersey	5	0	0	0	0	5	0	0	37	4
United Kingdom - Turks and Caicos	2	0	0	0	0	0	0	0	0	4
United Kingdom - Virgin Islands	80	0	0	1	1	33	1	1	284	23
United Republic of Tanzania	5	0	0	0	0	1	0	15	4	0
United States	5,178	75	76	74	77	3,523	223	19,421	43,247	86,693
Uruguay	0	0	0	0	0	2	0	0	0	0
Uzbekistan	5	0	0	0	0	1	0	13	19	0
Vanuatu	1	0	0	0	0	0	0	0	0	0
Venezuela (Bolivarian Republic of)	4	0	0	0	0	0	0	1	3	1
Viet Nam	6	0	0	0	0	4	0	155	62	23
Zambia	2	0	0	0	0	0	0	0	6	0
Grand Total	8,395	171	291	258	152	6,090	854	36,954	74,763	119,670

Table 4 - Transaction volumes by revenue and country in 2022

Country	User Set Up \$	Controlled Entity Set Up \$	Replacement Administrator \$	Lost Certificates \$	Entity Name Changes \$	Licence Renewals \$	Controlled Entity Renewals \$	Search Certificates \$
Albania	200	0	0	0	0	0	0	0
Angola	200	0	0	0	0	200	0	0
Antigua and Barbuda	0	0	0	0	0	0	0	0
Argentina	1,000	0	0	0	0	800	0	438
Armenia	200	0	0	0	0	0	0	0
Australia	24,400	0	150	70	800	18,000	360	22,252
Austria	3,600	0	50	0	200	1,400	0	550
Azerbaijan	200	0	50	0	0	200	0	88
Bahamas	1,400	0	0	0	0	400	0	0
Bahrain	600	0	0	0	0	400	0	0
Bangladesh	200	0	0	0	0	400	0	0
Barbados	400	0	0	0	0	400	0	0
Belarus	0	0	0	0	0	0	0	0
Belgium	800	0	0	20	0	1,600	0	0
Belize	200	0	0	0	0	200	0	0
Bhutan	0	0	0	0	0	0	0	0
Bolivia (Plurinational State of)	200	0	0	0	0	0	0	0
Botswana	0	0	0	0	0	400	0	0
Brazil	10,200	0	150	0	0	6,400	0	32,582
Bulgaria	600	0	0	0	0	200	0	0
Burkina Faso	200	0	0	0	0	0	0	0
Cabo Verde	0	0	0	0	0	0	0	0
Cambodia	200	0	0	0	0	0	0	0
Canada	62,200	180	1,800	190	1,800	67,600	1,080	62,752
Chad	200	0	0	0	0	0	0	0
Chile	1,400	0	0	10	200	600	180	22
China	29,000	1,260	500	50	200	22,400	180	12,648
Colombia	1,200	0	0	10	0	2,000	0	22

Country	User Set Up \$	Controlled Entity Set Up \$	Replacement Administrator \$	Lost Certificates \$	Entity Name Changes \$	Licence Renewals \$	Controlled Entity Renewals \$	Search Certificates \$
Congo								
Cook Islands	0	0	0	0	0	0	0	0
Costa Rica	800	0	0	0	0	1,000	0	0
Côte d'Ivoire	0	0	0	0	0	200	0	0
Croatia	0	0	0	0	0	0	0	0
Cyprus	5,800	0	50	0	400	1,000	180	242
Czechia	400	0	0	0	0	600	0	0
Democratic Republic of the Congo	200	0	0	0	0	0	0	0
Denmark	6,200	0	150	10	0	3,800	1,080	16,928
Djibouti	200	0	0	0	0	0	0	0
Dominican Republic	400	0	0	0	0	0	0	22
Ecuador	0	0	0	0	0	400	0	0
Egypt	1,400	0	0	0	0	1,000	0	0
El Salvador	200	0	0	0	0	200	0	0
Estonia	400	0	0	0	0	200	0	110
Ethiopia	0	0	0	0	0	200	1,620	0
Fiji	0	0	0	10	0	600	0	0
Finland	200	0	0	10	0	200	360	824
France	13,000	720	350	10	200	8,600	16,380	2,002
Gabon	200	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0	22
Germany	12,000	0	150	0	200	8,600	0	1,738
Ghana	0	0	0	10	0	200	0	0
Greece	200	0	0	0	0	0	0	0
Guatemala	600	0	0	0	0	200	0	0
Guinea	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	200	0	0
Hungary	0	0	100	20	0	200	0	0
Iceland	600	0	0	0	0	1,200	180	66
India	5,600	0	100	10	200	2,600	0	62,974

Country	User Set Up \$			Lost Certificates \$	Entity Name Changes \$	Licence Renewals \$	Controlled Entity Renewals \$	Search Certificates \$
Indonesia	1,600	0	50	30	0	3,200	0	416
Ireland	178,200	4,860	2,350	360	5,200	111,800	47,340	271,402
Israel	800	0	0	0	0	200	0	44
Italy	2,000	180	50	0	200	1,800	180	44
Japan	43,600	1,800	500	260	200	55,400	27,180	4,190
Jordan	200	0	50	0	0	600	0	176
Kazakhstan	200	0	0	0	0	600	0	110
Kenya	2,000	0	0	0	200	2,000	0	154
Kuwait	0	0	0	0	0	200	0	0
Kyrgyzstan	200	0	0	0	0	0	0	0
Lao People's Democratic Republic	400	0	0	0	0	0	0	0
Latvia	800	0	0	0	0	400	0	44
Lebanon	800	0	50	0	0	200	0	22
Libya	0	0	0	0	0	0	0	0
Liechtenstein	400	0	0	0	0	0	0	0
Lithuania	600	0	50	0	0	600	0	1,210
Luxembourg	4,000	0	100	40	0	7,800	180	2,662
Madagascar	0	0	0	0	0	0	0	0
Malaysia	7,600	0	50	80	200	5,400	180	2,904
Maldives	400	0	0	0	0	0	0	0
Malta	5,600	7,740	200	0	200	9,800	8,820	7,590
Marshall Islands	1,600	0	0	0	0	400	0	0
Mauritius	800	0	0	0	0	2,200	0	638
Mexico	8,200	0	50	40	200	9,200	0	14,882
Monaco	1,000	0	0	0	0	600	0	44
Mongolia	800	0	0	0	0	200	0	88
Morocco	200	0	0	0	0	0	0	0
Mozambique	400	0	0	0	200	200	0	0
Myanmar	0	0	0	0	0	600	0	22
Namibia	0	0	0	0	0	0	0	0

Country	User Set Up \$	Controlled Entity Set Up \$	Replacement Administrator \$	Lost Certificates \$	Entity Name Changes \$	Licence Renewals \$	Controlled Entity Renewals \$	Search Certificates \$
Nauru	200	0	0	0	0	0	0	0
Netherlands	3,200	0	200	0	200	4,200	360	23,350
Netherlands - Aruba	1,200	0	0	0	0	800	0	66
Netherlands - Curaçao	400	0	0	0	0	200	0	0
New Zealand	9,800	0	400	10	0	14,600	0	6,720
Nicaragua	200	0	0	0	0	0	0	0
Nigeria	1,400	0	100	0	0	1,400	0	176
Norway	5,800	180	50	40	0	3,600	0	1,936
Oman	200	0	0	0	0	200	0	0
Pakistan	600	0	0	0	0	0	0	164
Panama	3,000	0	0	0	0	2,200	180	0
Papua New Guinea	200	0	0	0	0	200	0	0
Paraguay	600	0	0	0	0	200	0	0
Peru	200	0	0	0	0	200	0	0
Philippines	200	0	0	20	0	600	0	22
Poland	600	0	0	0	0	200	0	0
Portugal	800	0	0	10	200	1,600	0	88
Qatar	0	0	0	0	0	600	0	0
Republic of Korea	1,000	0	0	0	0	0	0	176
Republic of Moldova	0	0	0	10	0	400	0	0
Romania	1,400	0	50	10	200	1,200	0	440
Russian Federation	1,400	0	0	10	0	800	0	318
Rwanda	200	0	0	0	0	0	0	0
Saint Kitts and Nevis	200	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	600	0	0	0	0	0	0	0
Samoa	200	0	0	0	0	200	0	0
San Marino	0	0	0	0	0	600	0	594
Saudi Arabia	1,400	0	0	0	0	600	0	0
Senegal	200	0	0	0	0	0	0	0
Serbia	0	0	0	0	0	0	0	0

Country	User Set Up \$	Controlled Entity Set Up \$			Entity Name Changes \$	Licence Renewals \$	Controlled Entity Renewals \$	Search Certificates \$
Seychelles	1,600	0	50	0	0	0	0	22
Singapore	9,600	0	250	160	400	11,600	3,420	29,556
Slovakia	400	0	0	0	0	0	0	22
Slovenia	0	0	0	0	0	0	0	0
South Africa	4,800	0	50	10	0	2,800	0	220
Spain	3,000	0	50	20	0	5,800	0	5,896
Sudan	200	0	0	0	0	0	0	0
Sweden	6,800	180	50	0	400	6,800	360	726
Switzerland	6,200	0	0	20	0	3,600	0	1,012
Tajikistan	200	0	0	0	0	0	0	22
Thailand	800	0	0	0	0	200	0	66
Togo	0	0	0	10	0	200	0	0
Tonga	0	0	0	0	0	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0	0	0
Türkiye	4,200	0	150	20	400	3,200	0	594
Uganda	0	0	0	0	0	0	0	0
Ukraine	200	0	0	0	0	600	0	176
United Arab Emirates	10,400	0	50	40	400	7,800	0	5,564
United Kingdom	35,600	180	1,350	150	1,400	30,000	180	122,362
United Kingdom - Anguilla	0	0	0	0	0	200	0	0
United Kingdom - Bermuda	5,000	0	50	10	0	3,800	1,800	66
United Kingdom - Cayman Islands	37,600	0	400	30	200	13,800	1,620	990
United Kingdom - Gibraltar	800	0	0	10	0	2,400	0	0
United Kingdom - Guernsey	2,000	0	350	0	200	3,400	0	264
United Kingdom - Isle Of Man	7,200	0	0	0	0	4,800	0	22
United Kingdom - Jersey	1,000	0	0	0	0	1,000	0	88
United Kingdom - Turks and Caicos	400	0	0	0	0	0	0	88
United Kingdom - Virgin Islands	16,000	0	0	10	200	6,600	180	506
United Republic of Tanzania	1,000	0	0	0	0	200	0	0

Country	User Set Up \$	Controlled Entity Set Up \$	Replacement Administrator	Lost Certificates \$	Entity Name Changes \$	Licence Renewals \$	Controlled Entity Renewals \$	Search Certificates \$
United States	1,035,600	13,500	3,800	740	15,400	704,600	40,140	1,927,176
Uruguay	0	0	0	0	0	400	0	0
Uzbekistan	1,000	0	0	0	0	200	0	0
Vanuatu	200	0	0	0	0	0	0	0
Venezuela (Bolivarian Republic of)	800	0	0	0	0	0	0	22
Viet Nam	1,200	0	0	0	0	800	0	506
Zambia	400	0	0	0	0	0	0	0
Grand Total	1,679,000	30,780	14,550	2,580	30,400	1,218,000	153,720	2,652,940

REGISTRATIONS BY REGISTRATION TYPE

Table 5 – Registrations by Registration Type (2017 to 2022)

			Cre	eate					An	nend			Discharge					
Registration Type	2017	2018	2019	2020	2021	2022	201 7	2018	2019	2020	2021	2022	2017	2018	2019	2020	2021	2022
International interest	32,016	34,147	33,143	33,477	31,088	31,505	209	406	123	75	152	161	20,124	23,484	24,787	25,300	26,653	26,633
Prospective international interest	5,776	3,544	4,284	5,979	2,889	3,296	90	4	24	2	1	4	5,167	5,110	6,093	5036	5,851	5,824
Assignment of an international interest	13,381	13,936	12,644	13,137	10,851	13,048	22	15	29	10	22	6	7,947	10,641	10,045	9124	11,785	11,689
Prospective assignment of an international interest	1,457	945	810	869	608	380	4	3	9	7	1	-	1,510	1,715	2,477	1,648	1,877	2,231
Sale	23,460	23,477	23,336	20,833	24,695	24,309	66	64	72	46	40	69	117	148	182	123	94	127
Prospective sale	921	681	633	617	687	622	3	-	-	-	-	-	18	28	40	7	8	13
Subordination	3,507	1,749	2,164	1,345	2,412	1,236	-	13	-	5	9	-	667	1,386	2,618	1858	5235	1206
International interest acquired through subrogation	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Registrable non-consensual right or interest	45	22	32	45	10	17	-	1	2	4	-	-	115	56	26	15	20	28
Assignment of registrable non-consensual right or interest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pre-existing right or interest	10	12	-	-	-	-	-	-	-	-	-	-	15	-	-	-	1	-
Notice of national interest	9	74	10	24	-	-	-	-	-	-	-	3	-	1	-	7	28	-
Transfer of a right to consent to the discharge of a registration	14906	14359	15222	14723	14,264	28,398	-	-	-	-	-	-	,	•	-	-	-	-
Total	95,488	92,946	92,278	91,049	87,504	102,811	394	506	259	149	225	243	35,680	42,568	46,268	43,118	51,552	47,751

APPROVED ENTITIES BY COUNTRY

Table 6 - Approved Entities by country as of 31 December 2022 (Total 13,679)

Country	Total
Albania	1
Angola	2
Argentina	9
Armenia	1
Australia	184
Austria	21
Azerbaijan	2
Bahamas	9
Bahrain	4
Bangladesh	3
Barbados	4
Belgium	12
Belize	2
Bermuda	41
Bolivia (Plurinational State of)	1
Botswana	2
Brazil	73
Bulgaria	4
Cambodia	1
Canada	602
Chad	1
Chile	10
China	240
Colombia	16
Congo	3

Country	Total
Costa Rica	9
Côte d'Ivoire	1
Cyprus	31
Czechia	5
Denmark	41
Dominican Republic	2
Ecuador	2
Egypt	12
El Salvador	2
Estonia	3
Ethiopia	1
Fiji	3
Finland	2
France	99
Gabon	1
Germany	97
Ghana	1
Greece	1
Guatemala	4
Honduras	2
Hungary	1
Iceland	9
India	39
Indonesia	23
Ireland	1,384

Country	Total
Israel	5
Italy	20
Japan	483
Jordan	5
Kazakhstan	3
Kenya	19
Kuwait	1
Lao People's Democratic Republic	2
Latvia	6
Lebanon	6
Libya	1
Liechtenstein	2
Lithuania	6
Luxembourg	58
Malaysia	59
Maldives	2
Malta	76
Marshall Islands	10
Mauritius	15
Mexico	84
Monaco	8
Mongolia	4
Morocco	1
Mozambique	3

Country	Total
Myanmar	3
Nauru	1
Netherlands	32
Netherlands - Aruba	8
Netherlands - Curaçao	3
New Zealand	106
Nicaragua	1
Nigeria	14
Norway	29
Oman	2
Pakistan	4
Panama	26
Papua New Guinea	2
Paraguay	4
Peru	2
Philippines	4
Poland	3
Portugal	9
Qatar	3
Republic of Korea	5
Republic of Moldova	2
Romania	13
Rwanda	1

Country	Total		
Saint Kitts and Nevis	1		
Saint Vincent and the Grenadines	3		
Samoa	2		
San Marino	3		
Saudi Arabia	10		
Senegal	1		
Seychelles	8		
Singapore	98		
Slovakia	2		
South Africa	35		
Spain	42		
Sudan	1		
Sweden	61		
Switzerland	48		
Tajikistan	1		
Thailand	5		
Togo	1		
Türkiye	34		
Ukraine	5		
United Arab Emirates	83		
United Kingdom	276		
United Kingdom - Anguilla	1		

Country	Total				
United	252				
Kingdom -					
Cayman					
Islands					
United	16				
Kingdom -					
Gibraltar					
United	23				
Kingdom -					
Guernsey					
United	60				
Kingdom - Isle					
of Man					
United	14				
Kingdom -					
Jersey					
United	2				
Kingdom –					
Turks and					
Caicos					
United	118				
Kingdom -					
Virgin Islands					
United	6				
Republic of					
Tanzania					
United States	8,265				
Uruguay	2				
Uzbekistan	3				
Vanuatu	1				
Venezuela	4				
(Bolivarian					
- · · · · · · ·					

Republic of)

Country	Total
Viet Nam	10
Zambia	2
Total	13,679

SYSTEM AVAILABILITY

Table 7 – System Availability

There is a contractual target to maintain a system availability of 100%, subject to the provisions of the Service Level Agreement. 18 This has been achieved.

Table 7 outlines the availability achieved based on the standard that if any function of the Registry is unavailable to users, then the system as a whole is treated as being unavailable. The average availability for 2022 was 99.15% compared to 99.32% for 2021.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
System Availability Achieved	99.57%	99.87%	99.83%	99.14%	97.68%	98.15%	99.99%	99.73%	98.12%	99.72%	98.76%	99.37%
System Downtime (minutes)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Planned	190	52	46	368	0	801	0	119	52	111	535	0
Unplanned	0	4	30	2	1,038	0	2	0	814	15	0	280

¹⁸ Article 8.2.1 of the Contract.

COMPLAINTS TO THE REGISTRAR AND THE SUPERVISORY AUTHORITY

Table 8 – Complaints made to the Registrar (2022)

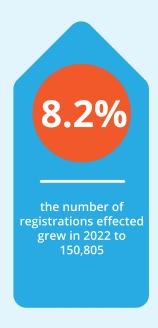
Section 8 of the Regulations, read with Section 14 of the Procedures¹⁹, provide that any person may submit a complaint to the Registrar "concerning the operation of the International Registry" where a matter "relates to the general procedures and policies of the International Registry and does not involve specific adjudication by the Registrar or Supervisory Authority". If, within 30 calendar days of making the complaint, the person does not consider that the complaint has been or is being satisfactorily addressed by the Registrar, that person may submit the complaint to the Supervisory Authority.

Section 8.3 of the Regulations states that "[a]ny person adversely affected by a unilateral registration who reasonably believes that the registration does not meet the requirements of Section 5.4, 5.10 or 5.20 may submit a complaint to the Registrar".

During 2022, there were no complaints made to the Registrar under Sections 8.1 or 8.3 of the Regulations.

¹⁹ See footnote 4 above.

Summary of Registration Activity 2006 – 2022

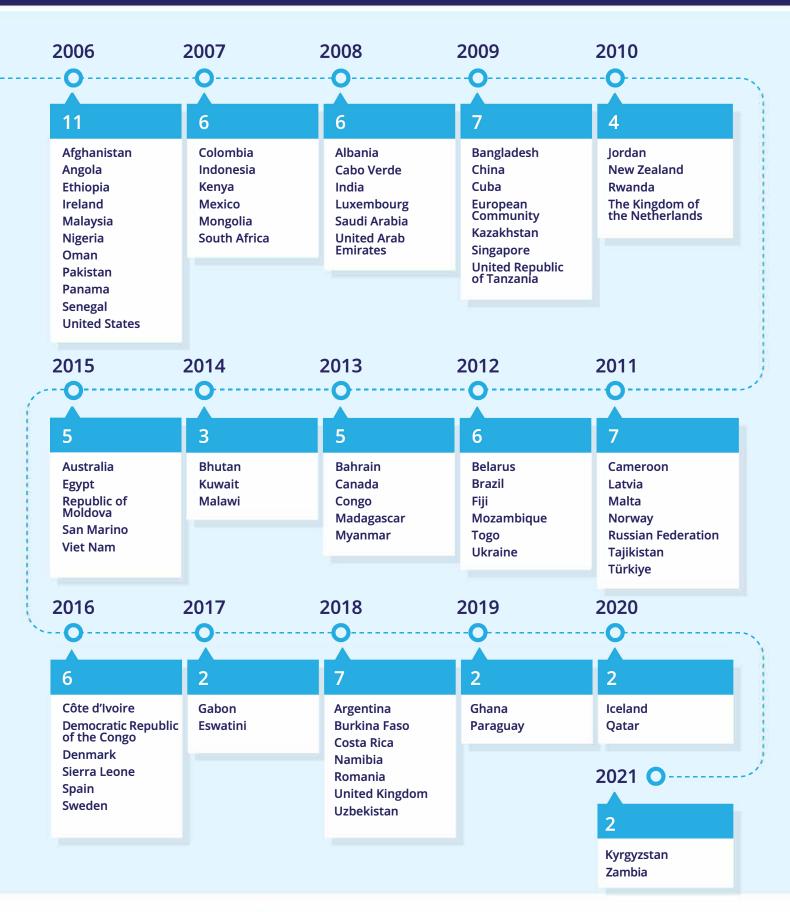




REGISTRATIONS



Parties to the Cape Town Convention & Protocol by Effective Date

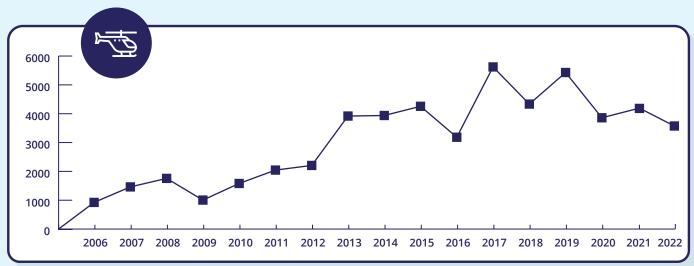




Registrations by Object Type

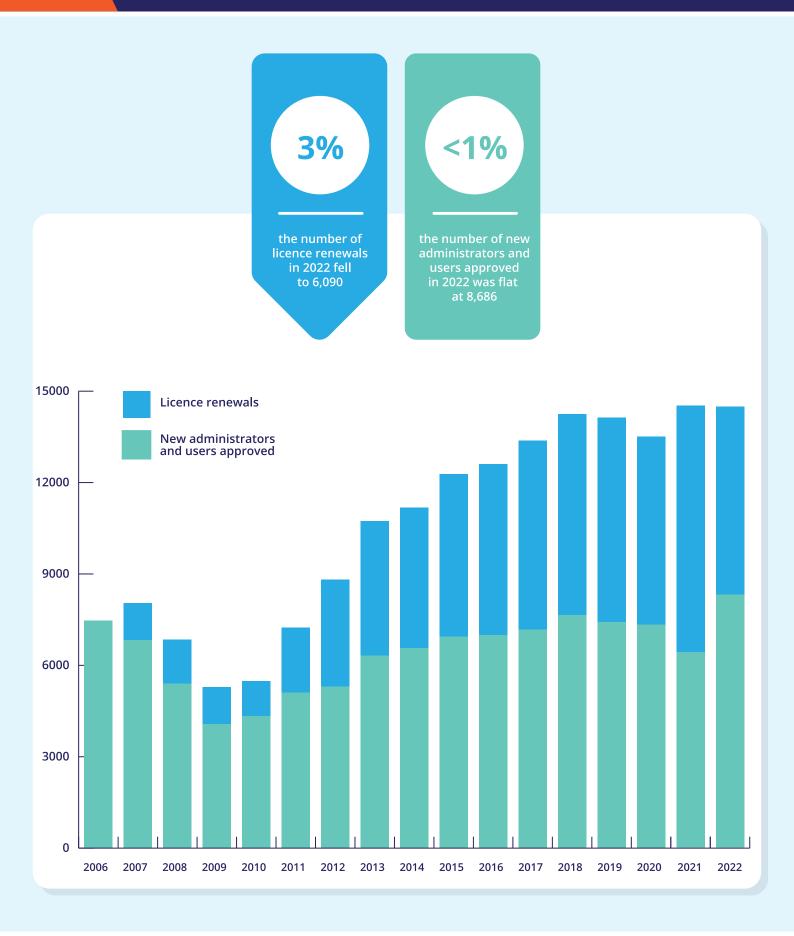






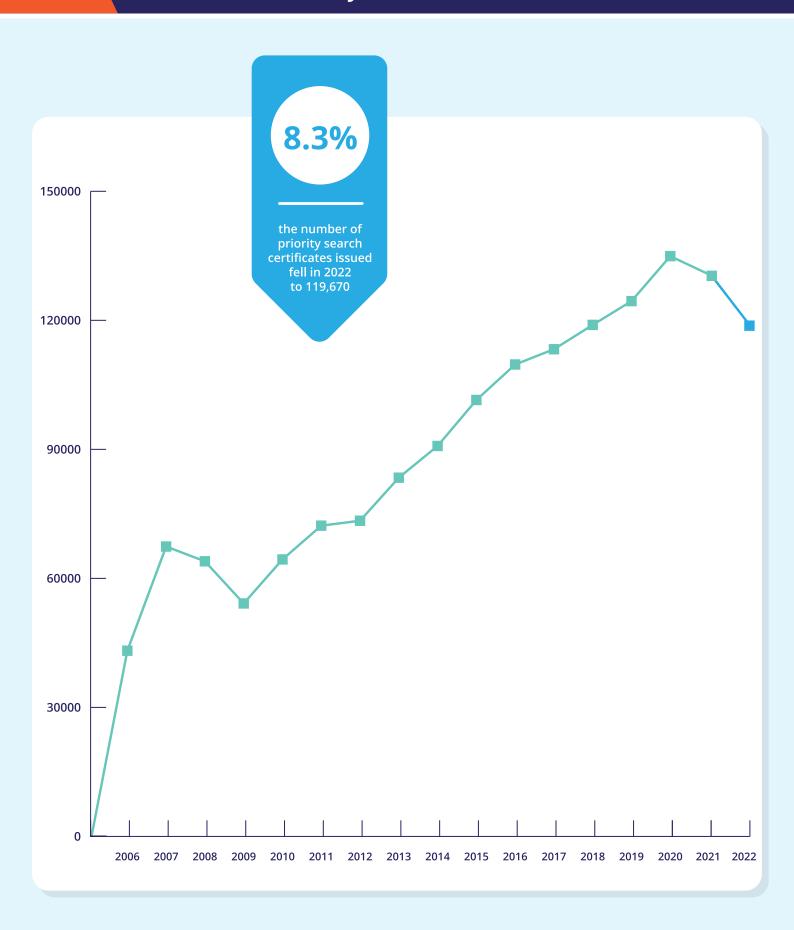


User Setup versus Renewals



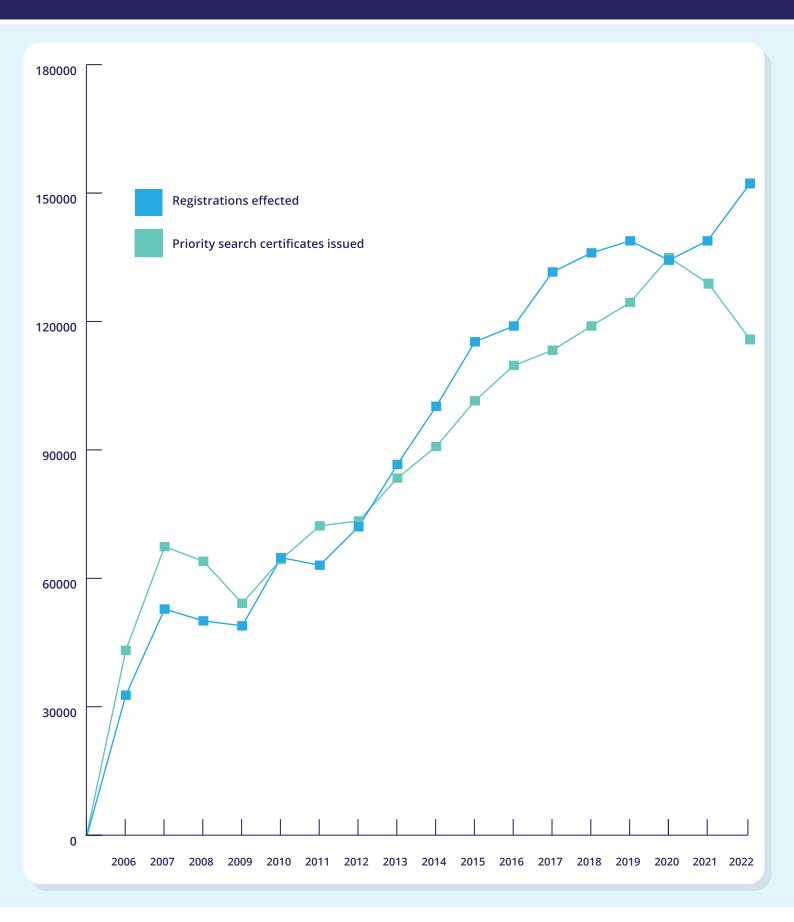


Number of Priority Search Certificates Issued





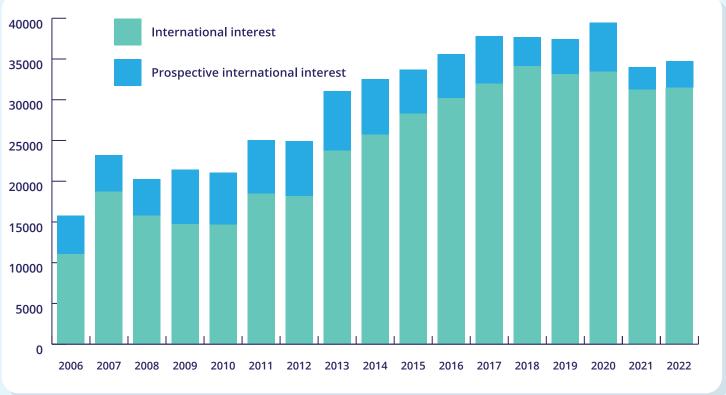
Registrations Effected *versus* Priority Search Certificates Issued





Sale & Prospective Sale Created *and* International Interest & Prospective International Interest Created







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STATEMENT OF FINANCIAL POSITION

AS AT 31 DECEMBER 2022

	Notes	2022	2021
		USD	USD
Non-current assets			
Intangible assets	9	5,955,849	5,385,601
Property, plant and equipment	10	270,390	831,067
		6,226,239	6,216,668
Current assets			
Tax recoverable	12	21,541	8,401
Intercompany receivables	13	4,153,971	4,568,780
Prepayments	14	134,685	431,628
Cash and cash equivalents	15	1,980,082	2,247,647
		6,290,279	7,256,456
Current liabilities			
Amounts falling due within one year			
Trade and other payables	18	2,565,819	3,094,824
Income tax payable	8	11,413	=
		2,577,232	3,094,824
Net Current Assets		3,713,047	4,161,632
Non-current liabilities			
		-	2
Net Assets	_	9,939,286	10,378,300
Capital and Reserves			
Called up share capital presented as equity	16	240,035	240,035
Reserves		9,699,251	10,138,265
		9,939,286	10,378,300
Shareholder's funds		9,939,286	10,378,300
The financial statements were approved by the Board of behalf by:	of Directors on 27th	April 2023 and signed	l on its
Brian Skehan Director	Robert Co Director	owan	