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INTERNATIONAL REGISTRY  
OF MOBILE ASSETS



ROB COWAN, M.D. AVIARETO LIMITED. NOVEMBER 2024.

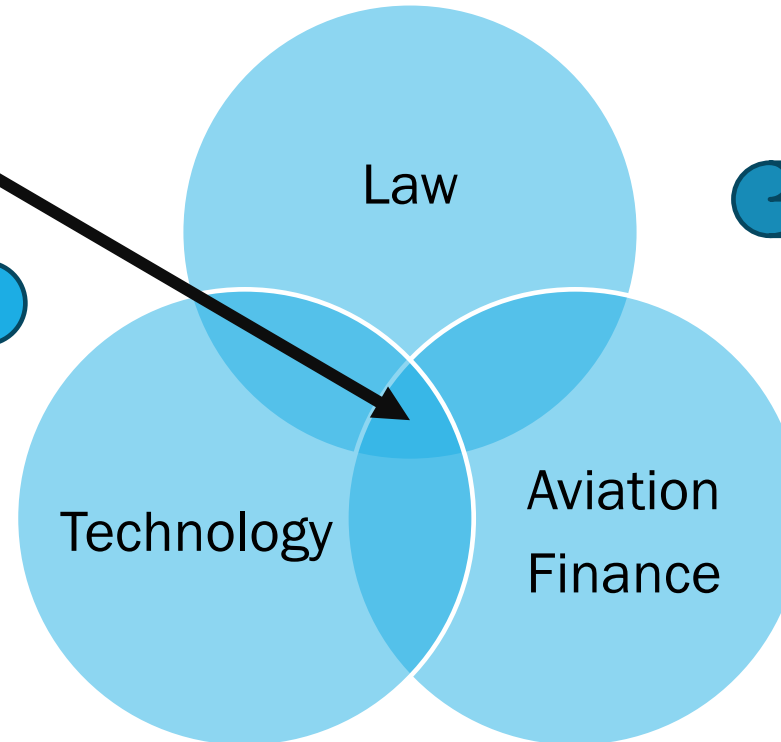
# WHAT IS THE INTERNATIONAL REGISTRY (IR)?

- A Highly Secure website
  - Based in Dublin, born online
  - Established pursuant to the CTA and AP
  - Supervised by ICAO
- Allows the industry to
  - register financial interests on aircraft objects
  - Search against aircraft objects to determine priority
- Register directly or via intermediary (usually your lawyer)
- Low fees
- First to register has priority
- You can rely on a search of the IR



# INTERNATIONAL REGISTRY CONTEXT

The International Registry



- CTC and AP including Unlimited Liability
- Regulations and Procedures
- Sanctions
- Electronic Signature
- GDPR
- Irish High Court Rules

- Highest Cybersecurity
- Publicly available
- Low cost
- High Reliability
- High Data Integrity
- Non-Repudiation
- 'Tell it to the judge'

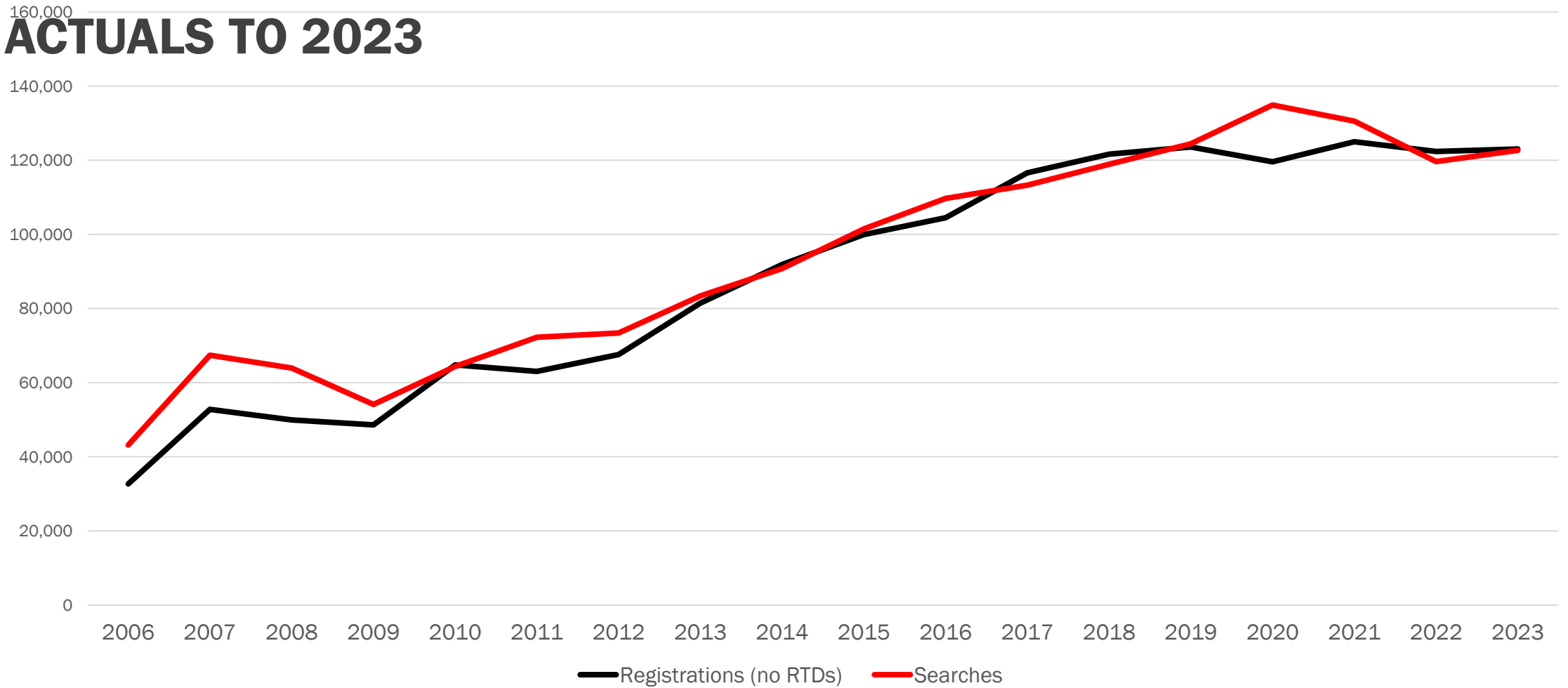
- Global and H24\*7
- High Value and High Volumes
- Multi-party deals needs Coordination
- Range from small to big
- Complex Transaction structures
- English language and USD
- Sophisticated parties



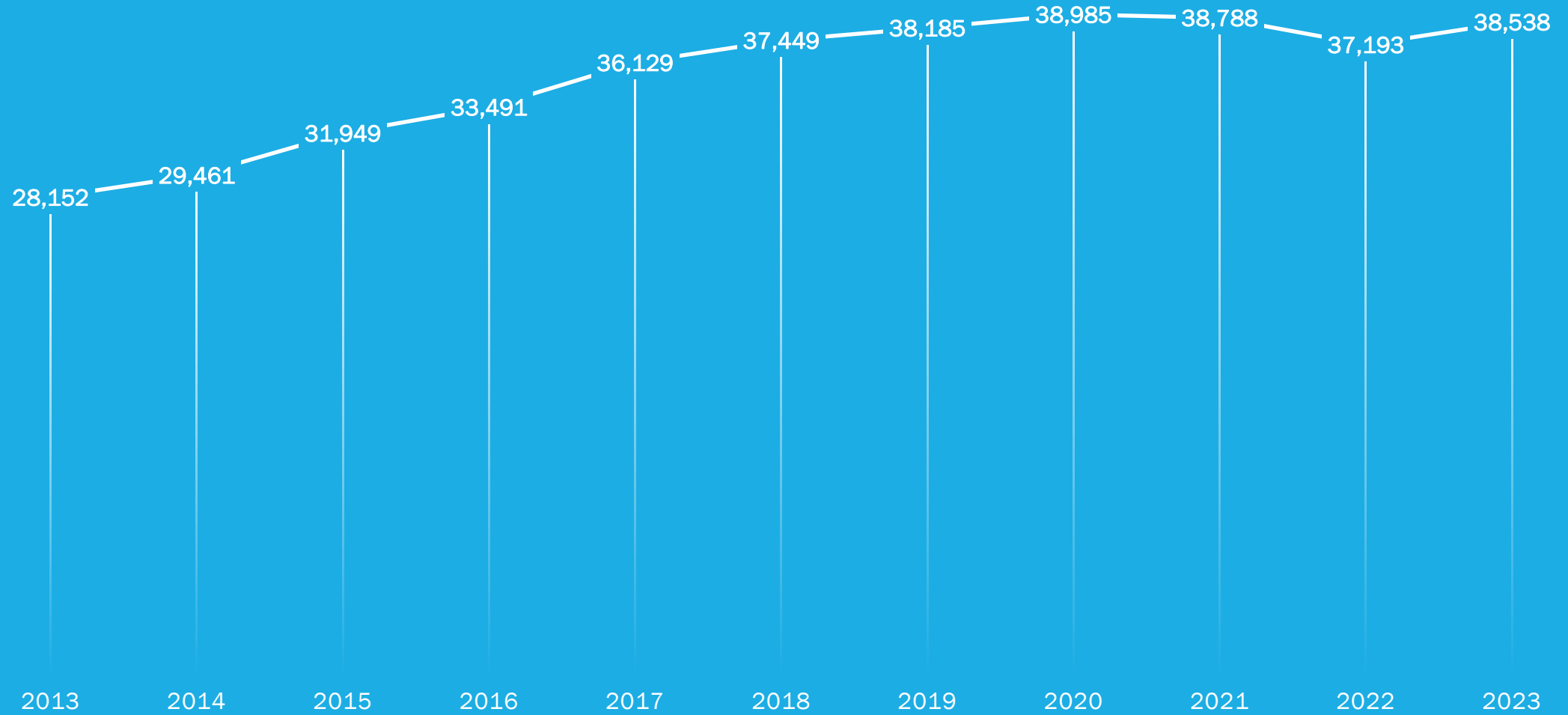
## CASE STUDY IN COLLABORATION – FRACTIONAL AIRCRAFT OWNERSHIP

- Legal Context : Not contemplated in the CTC and AP, but also not excluded
- Business Context : For tax reasons, a very popular way for HNWI to obtain use of private aircraft
- Technology Context : Software redesign and to deal with fractions which are infinite decimals (1/3 of an aircraft)

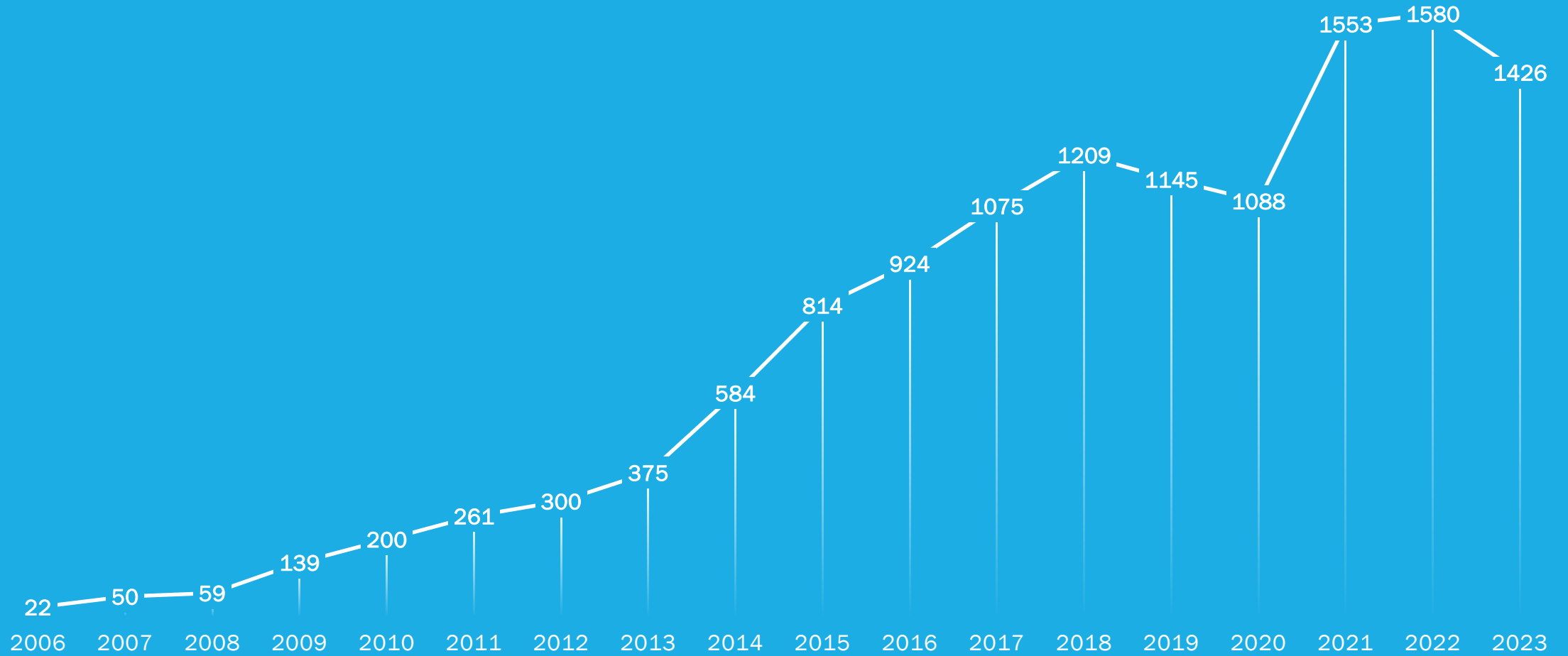
# ACTUALS TO 2023



## NO. OF OBJECTS AGAINST WHICH INTERESTS WERE REGISTERED



## TOTAL NEW STATE OF REGISTRY (CORRELATES TO XBTS)



# DESTINATION OF XBTS IN 2023

United States	253	Norway	24
Malta	87	Brazil	21
United Kingdom	75	Cayman Islands	20
Canada	74	India	20
Indonesia	63	Colombia	18
Ireland	45	Chile	17
Austria	40	Sweden	17
Spain	38	United Arab Emirates	16
Australia	36	Germany	15
Denmark	36	United Kingdom - Guernsey	13
Bermuda	35	China	12
Turkey	35	Qatar	11
South Africa	33	San Marino	11
Mexico	30	Hungary	10
France	29	Netherlands - Aruba	10
Malaysia	29	Viet Nam	10
		ROW	243



# IR INTERACTION WITH CAAs IS LIMITED

- IDERAs
  - No interaction
- Entry Points
  - Agree the code
- Free Searching accounts
  - Provide support



# CYBERSECURITY – OUR APPROACH

- Kill Chain Analysis is useful if a little linear
- How does a hacker think ?
- What we learn from Aviation Safety
  - Aviation Safety is more mature
  - Human Factors
  - No Blame culture
  - Healthy hierarchies
  - International organisations and regulations forming
  - Technology turns – AI for Cyber like Unmanned Drones for Aviation, a new way of thinking needed, but principles remain
  - Focus on prevention in aviation safety vs new focus on resilience in cyber...actually, kind of the same



**QUESTIONS**