Evident.



Registry: Designing for the Future



History

- One of the first REC registries in 1999, now the world's widest used
- We understand the "why" as well as the "what"
- In-house architects, designers, and developers work alongside Issuers and directly support Registrants and Participants
- The most experienced registry design team in the world



What is the Registry?

- The Registry is not a trading place
- Impartial record of truth
- Independent of traders
- Central to effective and transparent markets
- Accredited by the I-REC foundation



Boundaries and Partners.

Registries and marketplaces are different

- Registries are the single point of truth and unique record of ownership
- Marketplaces enable sellers and buyers to identify each other and conduct transactions

Clear boundaries make space for partners to provide services, supported by I-REC data





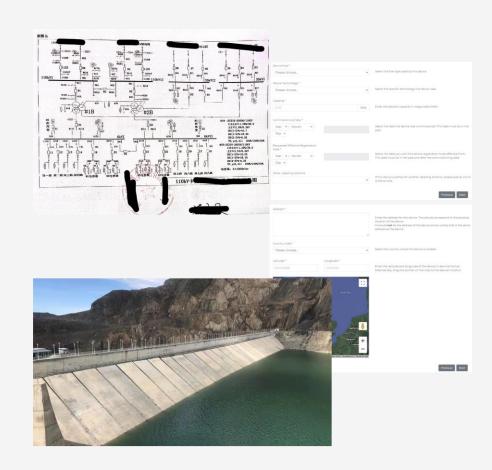
Registration.

Registrants upload and submit evidence via the Registry for review by Issuers

Every piece of evidence is checked and must be:

- Uniquely attributable to the facility
- Verified by an approved independent party
- Stored with the Evident Registry

Issuers will not approve until satisfied with data





Issuing.

Registrants upload and submit evidence via the Registry for review by Issuers

Issuers deal with over 500 different forms of evidence

Every piece of evidence is checked and Issuers will not issue I-RECs until satisfied with data

Unlike power markets, I-REC data is permanent





Date	Generation (kWh)	Generation (kWh)	Generation (kWh)	Total Generation (kWh)	Station Use (kWh)	Station Use (kWh)	Station Use (kWh)	TOTAL Station Use (kWh)
26-Apr-21	2,355,049.87	4,146,886.42	37,883.30	6,539,819.59		3,774.72		3,774.72
27-Apr-21	2,360,515.63	4,087,607.44	62,825.14	6,510,948.21		3,717.12		3,717.12
28-Apr-21	2,403,545.70	4,154,182.83	63,281.82	6,621,010.36		3,628.80		3,628.80
29-Apr-21	2,453,260.27	4,044,134.92	63,181.30	6,560,576.49		12,241.92		12,241.92
30-Apr-21	2,355,813.55	4,167,525.10	62,262.20	6,585,600.85		3,711.36		3,711.36
01-May-21	2,265,137.59	4,104,104.74	45,984.68	6,415,227.01		3,671.04		3,671.04
02-May-21	2,356,870.99	4,017,600.34	8,767.22	6,383,238.55		3,659.52	954.24	4,613.76
03-May-21	2,357,517.55	4,015,736.02		6,373,253.57		3,709.44	1,275.12	4,984.56
04-May-21	2,391,561.07	3,965,253.10		6,356,814.17		3,700.80	1,248.38	4,949.18
05-May-21	2,439,885.55	4,015,699.71	6,930.84	6,462,516.11		3,749.76	1,008.84	4,758.60
06-May-21	2,431,514.83	4,007,911.47	48,503.84	6,487,930.14		3,793.92		3,793.92
07-May-21	2,355,137.23	3,920,411.31	66,463.46	6,342,012.00		3,716.16		3,716.16
08-May-21	2,373,557.23	3,950,798.13	65,056.18	6,389,411.54		3,680.64		3,680.64
09-May-21	2,359,548.91	3,951,076.23	63,668.92	6,374,294.06		3,690.24		3,690.24
10-May-21	2,361,220.75	3,943,937.08	44,492.56	6,349,650.39		3,707.52		3,707.52
11-May-21	2,379,446.83	3,758,453.01	34,853.70	6,172,753.54		8,049.84		8,049.84
12-May-21	2,417,674.99	3,959,120.02	34,667.50	6,411,462.51		3,632.64		3,632.64
13-May-21	2,401,800.91	3,991,381.84	34,349.98	6,427,532.73		3,698.88		3,698.88
14-May-21	2,340,116.59	3,996,608.20	38,325.00	6,375,049.79		3,712.32	200.34	3,912.66
15-May-21	2,331,220.75	3,900,011.43	61,585.16	6,292,817.35		3,769.92		3,769.92
16-May-21	2,335,049.71	3,876,763.48	63,367.08	6,275,180.27		3,663.36		3,663.36
17-May-21	2,368,155.31	4,030,255.30	64,629.60	6,463,040.21		3,705.60		3,705.60
18-May-21	2,384,605.87	4,050,535.29	67,196.92	6,502,338.08		3,856.32	-	3,856.32
19-May-21	2,319,568.75	4,061,401.00	65,604.28	6,446,574.03		3,750.72		3,750.72
20-May-21	2,325,131.95	3,993,979.36	66,142.86	6,385,254.17		3,725.76		3,725.76
21-May-21	2,329,126.51	3,828,393.94	65,857.96	6,223,378.41	-	12,845.44		12,845.44
22-May-21	2,363,502.20	3,730,902.33	64,129.38	6,158,533.91		2,376.00		2,376.00
23-May-21	2,388,835.15	3,731,614.89	63,214.90	6,183,664.94		1,156.32		1,156.32
24-May-21	2,336,428.27	3,810,989.49	63,952.70	6,211,370.47		1,181.52		1,181.52
25-May-21	2,326,178.35	3,898,901.13	61,405.40	6,286,484.89		5,605.20		5,605.20
Total	70,966,978.86	119,112,175.55	1,488,583.88	191,567,738.30	-	128,882.80	4,686,92	133,569,72



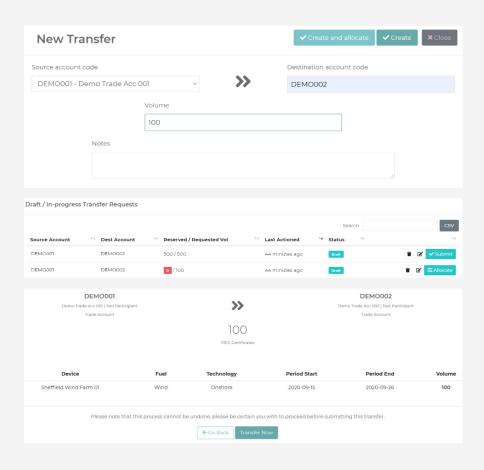


Transfer.

Transfers follow a clear process of order fulfilment

- Specify source, destination, and volume
- Allocate certificates from your stock list
- Confirm transaction for immediate delivery

Transfer orders can be built in advance with allocated certificates reserved to prevent them from being include on other orders





Redemption.

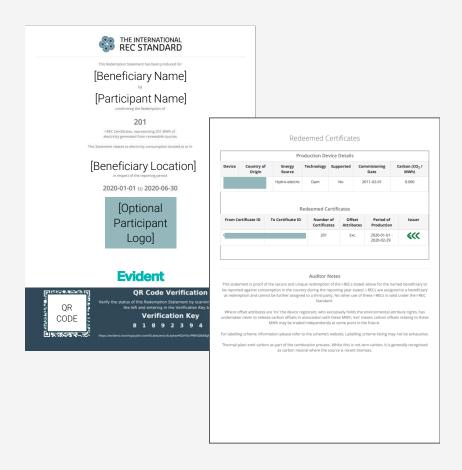
Redemption is the final act in the life of an I-REC

Beneficiary (end user) must be nominated at this point

I-REC does not restrict redemption, but acceptance of certificates for certain purposes may be defined by others



Redemption uniquely allocates and provides tracking of I-RECs from the point of generation to a beneficiary



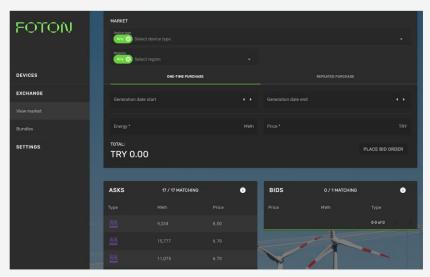


API Integration.

API architecture enables innovation and supports a vibrant community of solution providers

Current integrations enable:

- Bespoke country interfaces
- Onboarding and registration
- Automated data provision
- Marketplaces
- Bulk redemption













Service Philosophy

- Or philosophy is: not to "be everything" but to "support everyone"
- We focus on best practice, delivering what we do best: trusted data from a single source of truth
- The Evident Registry service is designed to support a range of platforms and marketplaces





Registry Q4-22 release.

- Scheduled for October 2022
- Result of a one-year pilot programme Evident developed for Google
- Landmark functionality update



Granular certificates.

- Two significant changes:
 - 1. I-REC(E) will have **Wh resolution** enabled for all transactions and redemptions (can still use MWh)
 - 2. I-REC(E) *may* have **timecoded generation data** attached
- Timecoded data can be used for Issuing, Transfers, and Redemptions: only via API
- Transfers and redemptions by UI will by default use the earliest data within any timecoded block of certificates



Registry Roadmap.

Q4-22:

- •Hybrid certificates
- Granular
- ❖Time-based
- ❖1Wh resolution

Ccapsule

Q1-23:

- Sustainable
 Aviation Fuel
 pilot registry
- Evident.

Q1-23:

Hydrogen pilot registry



Q2-23:

- Unified:
- ❖I-REC(E)
- C-Capsule
- **.** MiQ
- **❖**Hydrogen
- Aviation fuel

Q4-23:

 Something new for COP

















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•C-Capsule pilot registry



Q1-23:

- •Major infrastructure upgrade
- •Encumbrance accounts



Q2-23:

- •Enhanced labelling
- •Electricity storage
- Beneficiary portal

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- •Minor infrastructure upgrade
- •Granular via UI

Q3-23:







Registry Q1-23 release.

- Major upgrade to technology platform
 - Part of our "18-24" review cycle, where we reconsider our technology every 18-24 months and redevelop to ensure are up to date with best practice
- "Encumbrance" accounts
 - Required for some marketplace structures



Registry Q2-23 release.

- Beneficiary portal
 - First step in providing a "one-stop" view of Redemptions
- Enhanced labelling support
 - Allows multiple labels to be applied to certificates
- Redemption Authority role
 - Allows organisations, such as RE100, to confirm Redemptions meet their criteria



Registry Q2-23 release.

- Electricity storage
 - Robust "principle-based" methodology being developed by the I-REC Foundation
 - Flexible to support national methods
- *N* * *I-REC* in : *N* * *ef.* * *I-REC* out
 - Preserve energy source data
 - Correctly allocate efficiency losses



Registry Q2-23 release.

- Unified registry
 - I-REC(E)
 - Electricity: c.60 countries (growing)
 - C-Capsule
 - Carbon removals: global
 - MiQ
 - Low-methane natural gas: global
 - Hydrogen
 - All hydrogen technologies: global
 - SAF
 - Sustainable aviation fuels: global
- Markets: Global





Accredited.

- Independent Foundation assessment of quality:
 - Design
 - Management
 - Development
 - Operation
 - Security
 - Maintenance
- Evident also submits all these elements for additional third-party assessment

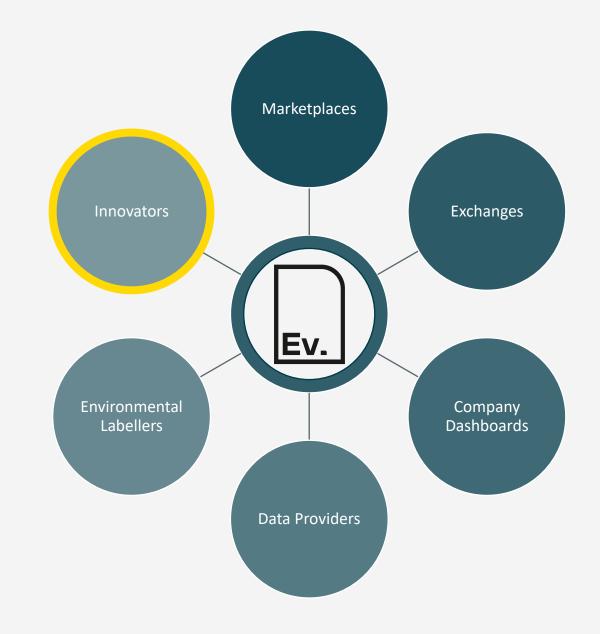


Developed In-House.

- Deep understanding within the developer team
- Focussed on registries:
 - Only registries!
- Allows for fast response to ideas
- Experienced with integrating with multiple third-party systems
- Open to ideas...



Open API Framework.





Innovators.

- Unlike most AIB and US registries, we are not constrained
- Open: not closed
- Partners: not competitors
- Enablers: not inhibitors
- Quality-first approach
- New products and services
- Pathways: not barriers

Thank you.





Ed Everson CEO