



Environmental Solutions

Global requirements for more transparent, effective and connected environmental markets are driving demand for solid infrastructure solutions.

Environmental programs require clear rules that outline how credits are created and validated. Environmental markets require sufficient supply and demand avenues to ensure liquidity.

This results in a need for robust infrastructure that can confirm ownership for sellers and buyers, track credit lifecycle in an efficient, scalable, low risk and highly transparent manner and enable markets to connect.

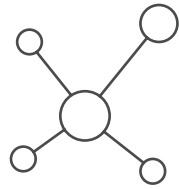
Take charge of your environmental assets portfolio

We deliver an integrated suite of solutions to support the unique requirements of participants in emerging environmental markets by enabling the end-to-end management of environmental portfolios.

We provide registry, auction and distribution platforms designed specifically for the environmental markets. All your environmental assets can be managed on a single, centralized platform to help mitigate transaction risk and enhance operational efficiency. The flexibility of our solutions allows you to tailor a solution to meet your specific needs.

- Environmental Registry
 - Request for information (RFI) platform
 - Pending issuance unit (PIU) tool
 - Project management dashboard
 - Multilingual configuration
 - Bulk retirements upload service
- Auction
 - Auctions
- Distribution
 - Counterparty Manager

- Transparency and efficiency
 - Realtime online portal for credit tracking throughout lifecycle and for reporting
- Trust and confidence
 - Review and approval by relevant stakeholders, with security and accountability fostered through credit serialization
- Flexibility and scalability
 - Ability to adapt to new rules to accommodate changing marketplace and business requirements, and provides a configurable and expandable architecture platform to support growth
- Maximum participation
 - Connectivity with internal and external auction and trading platforms, facilitating counterparty interaction for OTC transactions
- Connectivity
 - Expanding suite of APIs and services to integrate with other registries, exchanges and settlement platforms, as well as expertise in building customized solutions for connecting our registry and auction platforms to downstream systems



Environmental Registry

We provide a tool for managing global environmental credits, helping to increase transparency, efficiency and scalability.

Our registry allows accountholders to manage all their carbon, water and biodiversity credits in a centralized, financial markets-based registry system. Participants can track environmental projects, issue, transfer and retire serialized credits.

Request for information (RFI) Platform

Our RFI platform is an anonymous online platform that displays credits available for sale, with indicative quantities and prices. Credits are searchable and viewable by registered buyers, who can send expressions of interest. Buyers may also enter specific criteria for credits that they wish to purchase. Introduction through the platform enables the parties to discuss potential bilateral transaction terms.

Pending issuance unit (PIU) tool

Clients can track forward sales of anticipated environmental credits with the PIU tool. Each PIU represents an anticipated environmental credit to be delivered based on a specified standard-compliant project validation report. These anticipated units can be listed, serialized, held and tracked on our registry.

Multilingual configuration

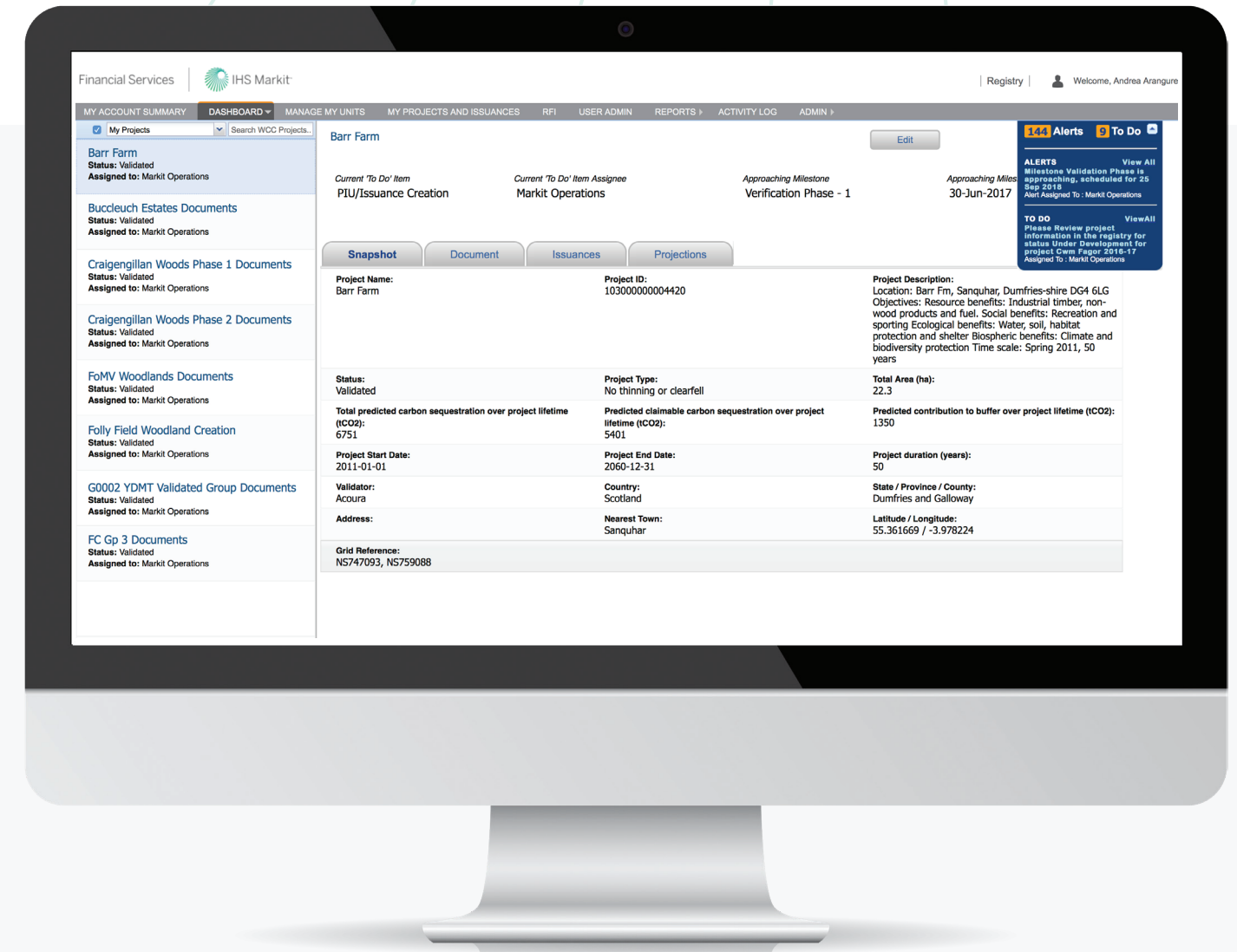
An optional multilingual capability enables clients to view the registry's navigation, forms, messages and all relevant meta-data in the language of their choice.

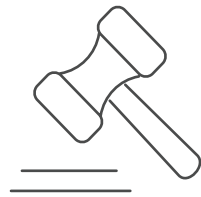
Project management dashboard

Monitor and forecast the status of projects and issuances with the project management dashboard. Based on preset timeframes for status changes, such as project registration and issuance, this toolkit displays a project dashboard, forecasts expected credit volumes and notifies clients when projects are behind schedule.

Bulk retirements upload service

Clients can upload retirements directly into the registry via a pre-specified downloadable template. The functionality includes validation checks on incomplete data and helps streamline the retirement process.





Auctions and Distribution

Our Auctions platform provides a trusted, secure platform for environmental markets. Our technology provides functionality for auction setup, participant application, bidding, price calculation, results generation, approvals and result distribution, as well as interfaces to third parties.

Auctions

As environmental markets become more market driven, the ability to set prices for allowances or credits via transparent market mechanisms is critical. We provide auction capabilities to help meet this growing need.

Our independent auction platform for environmental assets can be adapted to fit different rules and any type of environmental asset. It builds on our existing expertise in collecting, processing and distributing content, as well as our experience with auctions in the carbon and water marketplace.

With transparent rules for each auction, we allow the market to determine a clearing price via an equitable buying/selling mechanism. Our platform can integrate with multiple downstream systems, including for clearing or settlements.

Counterparty Manager

We provide a centralized, online platform to enable regulators and other participants in environmental auctions to share and disseminate documentation. Participants can upload, review and track key documents and receive automated notifications of changes to those documents.

The security and transparency of our platform helps clients streamline auction enrollment and eligibility processes for project and partner documentation.

The screenshot displays the IHS Markit Financial Services Auctions interface. The top navigation bar includes links for MY ACCOUNT SUMMARY, MANAGE MY UNITS, MY PROJECTS AND ISSUANCES, RFI, AUCTIONS (highlighted), USER ADMIN, REPORTS, ACTIVITY LOG, and ADMIN. Below the navigation bar, there are tabs for Un-list, Match, Un-match, Generate Auctions Input File, Export to Excel, Export to PDF, and Invoke Pennvest Service. The main table lists auction details for the JVDABB SPOT 2015 Auction, 1st Round. The table columns include ID, Status, Account Name, Listed Date, Product Name, Vintage, Bid or Offer, Partial or All or None, Auctioned Quantity, Auctioned Price, Final Quantity, Final Price, Pre-qualified purchase amount limit, Pre-qualified quantity limit, and Delta.

ID	Status	Account Name	Listed Date	Product Name	Vintage	Bid or Offer	Partial or All or None	Auctioned Quantity	Auctioned Price	Final Quantity	Final Price	Pre-qualified purchase amount limit	Pre-qualified quantity limit	Delta
100000000001759	Auction Listed	TEST Buyer Account for Nov 2015 SPOT auction	29 Oct 2015 05:47:51 PM	PO-P-15	2015	Bid	Partial	6,500	50.00			2,500,000.00		2,057,000
100000000001758	Auction Listed	TEST Buyer Account for Nov 2015 SPOT auction	29 Oct 2015 05:46:27 PM	SU-P-15	2015	Bid	Partial	2,500	25.00			2,500,000.00		2,057,000
100000000001757	Auction Listed	TEST Buyer Account for Nov 2015 SPOT auction	29 Oct 2015 05:45:51 PM	PO-N-15	2015	Bid	Partial	5,000	10.00			2,500,000.00		2,057,000
100000000001933	Auction Listed	TEST Seller Account for Nov 2015 SPOT auction	29 Oct 2015 05:45:12 PM	PO-N-15	2015	Offer	Partial	60,000	2.35				100,000	40,000
100000000001756	Auction Listed	TEST Buyer Account for Nov 2015 SPOT auction	29 Oct 2015 05:44:36 PM	SU-N-15	2015	Bid	Partial	1,000	5.50			2,500,000.00		2,057,000
100000000001932	Auction Listed	TEST Seller Account for Nov 2015 SPOT auction	29 Oct 2015 05:43:57 PM	SU-P-15	2015	Offer	Partial	5,000	2.25				100,000	95,000
100000000001931	Auction Listed	TEST Seller Account for Nov 2015 SPOT auction	29 Oct 2015 05:43:28 PM	PO-P-15	2015	Offer	Partial	10,000	3.26				100,000	90,000
100000000001930	Auction Listed	TEST Seller Account for Nov 2015 SPOT auction	29 Oct 2015 05:42:30 PM	SU-N-15	2015	Offer	Partial	50,000	15.00				100,000	50,000

About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

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