

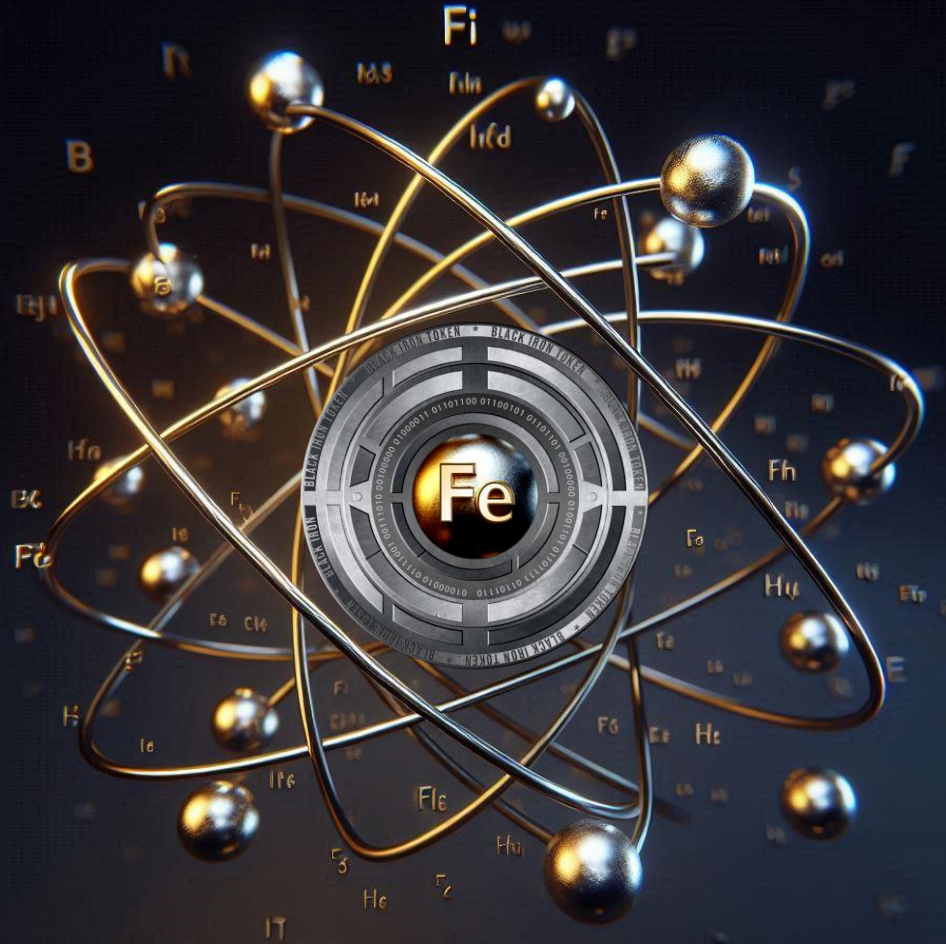
BlackFe

(Black Iron Token)



Celestial Lotus Technologies Corporation
<https://www.BlackFe.net>

Empowering Real-World Asset and Global Remittances



2024 August

Company

BlackFe Owner:



Celestial Lotus Technologies Corporation

83 Times Street, West Triangle, Quezon City,
Metro Manila, Philippines

BlackFe Underlying Asset:



Ferro Offshore Resources Corporation

83 Times Street, West Triangle, Quezon City,
Metro Manila, Philippines

In Cooperation and Supported By:



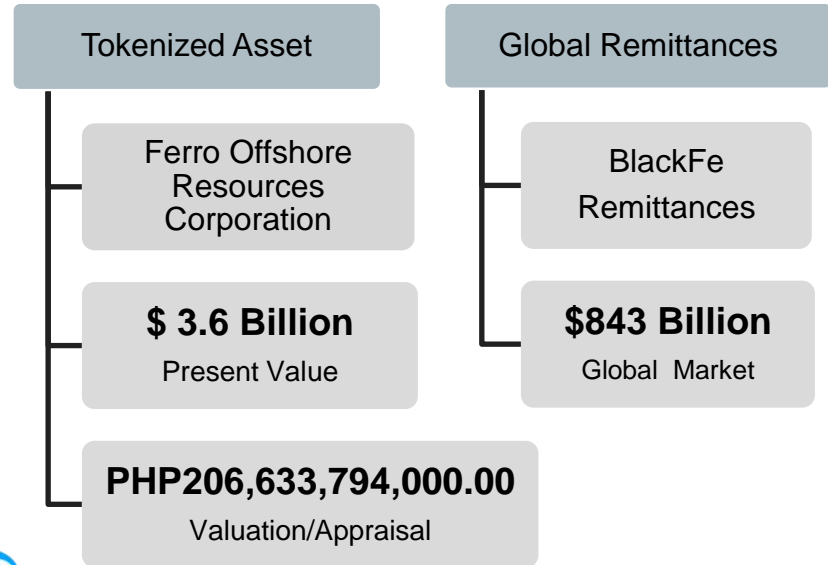
JVC METAL ASIA RESOURCES CORP.
JVC METTALIC OCEAN RESOURCES CORP.



Opportunity

Celestial Lotus Technologies Corp. has been incorporated with **Authorized Capital Stock** of **P200,000,000** and a **Subscribed and Paid-up Capital** of **P100,000,000**. The paid-up amount has been spent on preliminary exploration costs, preliminary resource estimates, preliminary appraisal, cost of developing the digital asset system with the **BlackFeVerse**, and corporate registration and regulatory fees.

*“Our mission is to democratize access to commodity trade via **BlackFe**, enabling individuals and institutions to diversify their portfolio backed up with real-world assets. We aim to seamlessly integrate digital and physical assets, ensuring stability and growth for our **BlackFe** Subscribers.”*



Correspondence between BlackFe Token Project and Underlying Assets



Asset Tokenization

- Comprehensive operations covering Magnetite Iron Ore/Sand Mining, Processing, Upgrading, and Pelletizing as **Underlying Real-World Asset** by **BlackFe**



Global Remittances

- **BlackFe** addresses the global remittance market by providing efficient, low-cost solutions.
- Migrant workers and their families can seamlessly transfer value across borders using “**BlackFe**”.
- Our platform leverages blockchain’s security and speed, reducing intermediaries and enhancing financial inclusion



BlackFeVerse Future Project

- Development of **BlackFeVerse** internal projects;
- Development of projects outside **BlackFeVerse** ecosystem;
- Supporting the funding for all **BlackFeVerse** initiatives.



Products



Office of the President of the Philippines
Policy Direction and Coordination



Bangko Sentral ng Pilipinas



Securities & Exchange Commission

Special Economic Zone



Digital asset related products

- BlackFe (Black Iron Token)
- BlackFe Wallet
- BlackFe Exchange (BlackFeTrade)
- BlackFe staking

Real-World Asset products

- Ferro Offshore Resources Corporation (Iron and other commodities)
- RWA NFT marketplace
- BlackFe Crowdfunding
- RWA NFT certificate

Financial Products

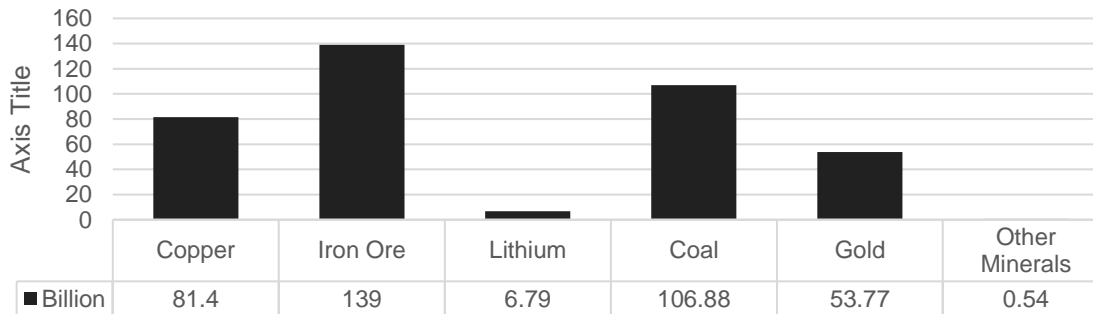
- Multi-currency bank accounts
- Payment cards
- Cashbacks



Market Size



2024 Global Minerals and Mining Market Capitalization



Market Size

The **global magnetite iron ore/sand market** is projected to expand significantly. By **2031**, it is expected to reach **USD 139,056.72 Billion**, growing at a **CAGR of 5.8%**.

Figure 1: Iron Ore/Sand Global Market Forecast

Global Magnetite Iron Ore/Sand Market Size (Mn Units), Forecast and Y-o-Y Growth, 2016-2031



Key Players

- Figure represents the **global market size** and forecast from **2024-2032**.
- Year 2017-2022 are historic years, 2023 is the base/actual year and forecast is provided from 2024-2032.



The Importance of Magnetite Iron in the Steel Industry Sector

Magnetite iron holds immense importance in the steelmaking industry. This was highlighted most specifically in the establishment of the **Memorandum of Cooperation on Mining Sector between Japan and the Philippines**, for the sustainable supply of minerals to Japan from the Philippines.

- **Efficient Steel Production:** The abundance of iron in magnetite ensures efficient steel production. Magnetite iron is the easiest to mine continuously under environmentally safe and ecologically balanced offshore mining system.
- **Pelletization:** The interest of the Japanese market is the pelletized iron product coming from magnetite iron, where Japan is the second largest importer in the world, second to China.
- **Environmental Impact and Green Steel:** Magnetite contributes to cleaner steel production reducing carbon footprint. Using it reduces environmental impact compared to traditional methods.
- In the aftermath of the **Memorandum of Cooperation between Japan and the Philippines** as witnessed and signed by **President Marcos, Jr. and Prime Minister Kishida**, reputable Japanese companies like **Kurimoto pumps, Nakanishi shipbuilding, Kansai Design**, and **Primetals Technologies Austria** owned by **Mitsubishi Heavy Industries** have expressed their written expressions of interest and support.

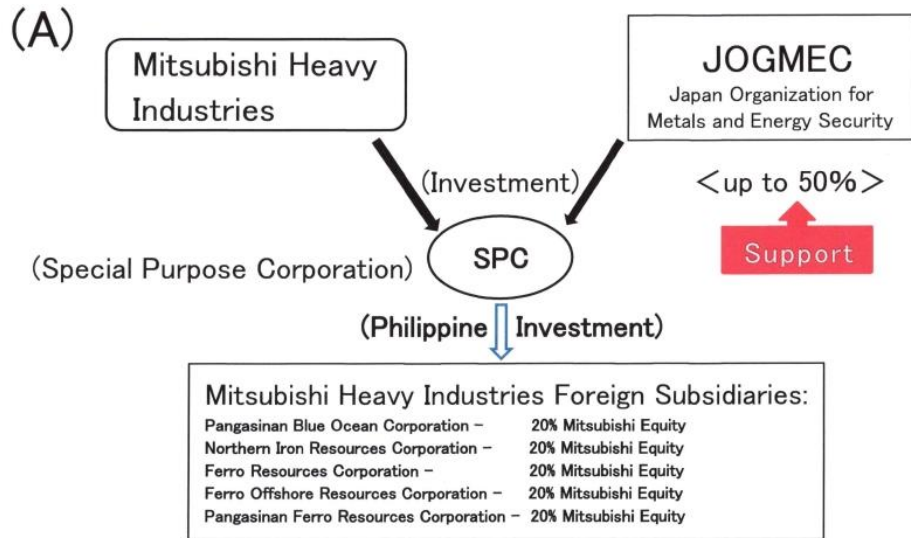
The Japan Government support through their **Ministry of Economy, Trade and Industry (METI)** via the **Japan Organization for Metals and Energy Security (JOGMEC)** is shown on the following diagram:
Diagram 01



Memorandum of Cooperation on the Mining Sector between Japan and the Philippines

(Ministry of Economy, Trade, and Industry), via JOGMEC (Japan Organization for Metals and Energy Security)

Diagram 01:



Funding Contributed by Mitsubishi and JOGMEG will go to the Procurement of Offshore and Onshore Equipments like Offshore Mining Vessel with Siphon Pump, Processing Equipments like Iron Sand, Upgrading Plant, from 62% to 65% Pelletized Iron Plant High Grade Quality.



Utilities

- **Payment token (BlackFe Pay)**
 - Higher purchasing power only with **BlackFe** tokens for Real-World Asset (RWA)
 - Reduction of Transaction Fees (BlackFe Pay)
 - Cashbacks on spendings
- **Staking Rewards**
 - BlackFe staking for BlackFe Subscribers
 - BlackFe Incentive Programs (Remittance)
- **Collateral for loans (at BlackFe Invest)**
- **Reducing trading / withdrawal fees (at BlackFe Trade)**



Business Model

RWA related Revenue streams

- **BlackFe** token sales for all subscribers
- Sales of Magnetite Sand Iron to **local and export smelter plants**
- Revenue reinvestments into Mining operations and overall ecosystem and Investment Returns

Digital asset and financial product revenue streams

- Trading fees
- Currency conversion fees
- Deposit / withdrawal fees
- Interest rates on loans via crowdfunding platforms for external businesses



Value propositions

The **BlackFe** business model offers a wide range of benefits to all stakeholders:

- **Subscription of BlackFe**
BlackFe token holders stand to gain from potential token appreciation, investment opportunities through crowdfunding, and lucrative staking rewards.
- **Global Remittances**
The **BlackFe Subscribers** provides a streamlined pathway for acquiring **BlackFe Wallet**, while also earning APY from staked tokens.
- **BlackFeVerse**
A diverse revenue model drives innovation projects, facilitates expansion, and secures the long-term sustainability of the ecosystem.

Highlights

- **Effortless Residency Access**
Acquire residency simply by purchasing tokens, staking, and maintaining the stake.
- **High-Interest Crowdfunding**
Participate in crowdfunding with attractive interest rates for collateralized loans.
- **Magnetite Iron Sand Mining Projects**
Gain easy access to deals within the magnetised iron sector.
- **Enhanced Purchasing Power**
Utilize **BlackFe** tokens to acquire larger quantities of iron deals with the **BlackFeVerse**.
- **Foundation Ecosystem Access**
Engage with the broader ecosystem of **BlackFe**.
- **Staking Rewards**
Investors enjoy substantial staking rewards for their participation.
- **Commodity Features Trading for Magnetite Iron Reserve.**



Token Information

BlackFe Token Initial Token Offering (ITO)

Platform	BlackFe Wallet and Website
Token Seller	Celestial Lotus Technologies Corporation
Token Facilitator / Service Providers	Celestial Lotus Technologies Corporation
ITO Token Allocation (25%)	<p>Private / Pre-seed 700,000,000 FRRO tokens - 7 %</p> <p>Strategic round / Seed 950,000,000 FRRO tokens - 9.5 %</p> <p>ITO - Initial Token Offering 850,000,000 FRRO tokens - 8.5 %</p> <p>Total 2,500,000,000 BlackFe tokens</p>

Governing Jurisdiction	Singapore/Philippines
ITO Token Price Then calibrated for each subsequent launch	USD 0.006
Estimated Raise Subject to ITO Pre-Public Round Incentive	USD 10,300,000
ITO Start Date Starts on the date and time set be announced in the BlackFe Token website	2nd Quarter 2025
KYC/AML Screening	Compulsory for all purchasers
ITO Official Web	<u>BlackFe.net</u>



Tokenomics

Token Genesis

Parameters of BlackFe at Token Generation Event (TGE)

BlackFe Genesis	
Token Name	BlackFe
Token Ticker/Symbol	BLKFE
Token Decimals	18
Token Contract Address	To be provided and created by BlackFe Team
Blockchain Standards	SOL, TRC-20 and/or ERC-20 (Cross-Chain Token)
Maximum Fixed Supply Entire supply minted in the genesis block at Initial Token Offering (ITO)	100,000,000,000 BLKFE tokens
Total Supply at Genesis	100,000,000,000 BLKFE tokens

Initial Token Offering (ITO)

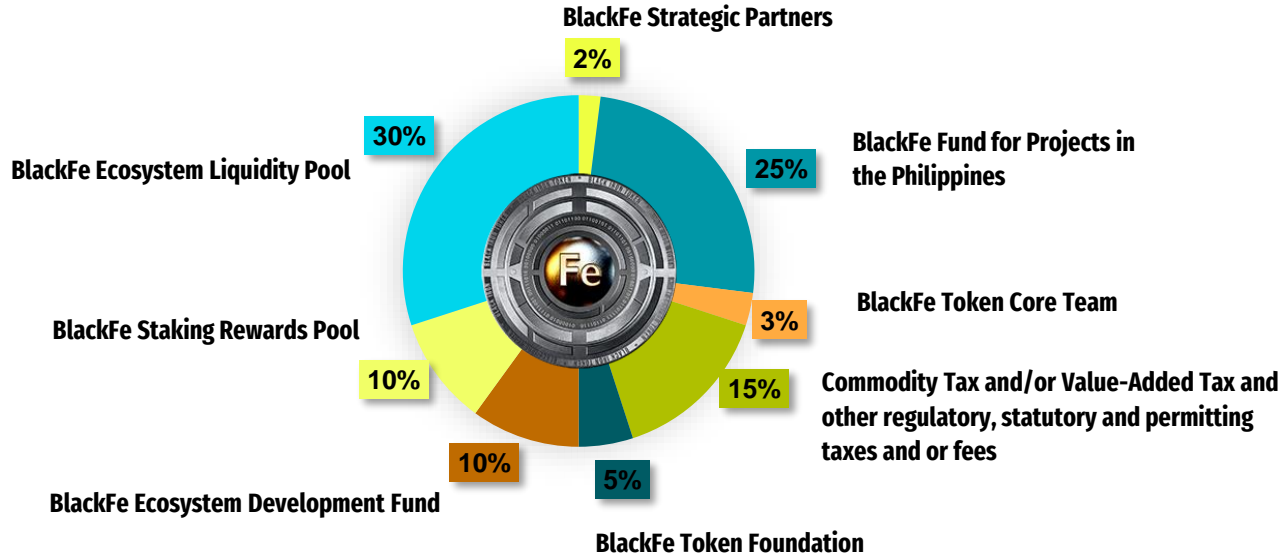
Proposed ITO parameters of BlackFe in the BlackFe platform

BlackFe Initial Token Offering (ITO)	
Platform	BlackFe Wallet
Token Seller	Celestial Lotus Technologies Corporation
Token Facilitator/Service Providers	Celestial Lotus Technologies Corporation
Governing Jurisdiction	Dubai
ITO Token Allocation (25%)	Private / Pre-seed - 700,000,000 BLKFE tokens - 7 % Strategic round / Seed - 950,000,000 BLKFE tokens - 9.5 % ITO - Initial Token Offering - 850,000,000 BLKFE tokens - 8.5 % Total - 2,500,000,000 BLKFE tokens
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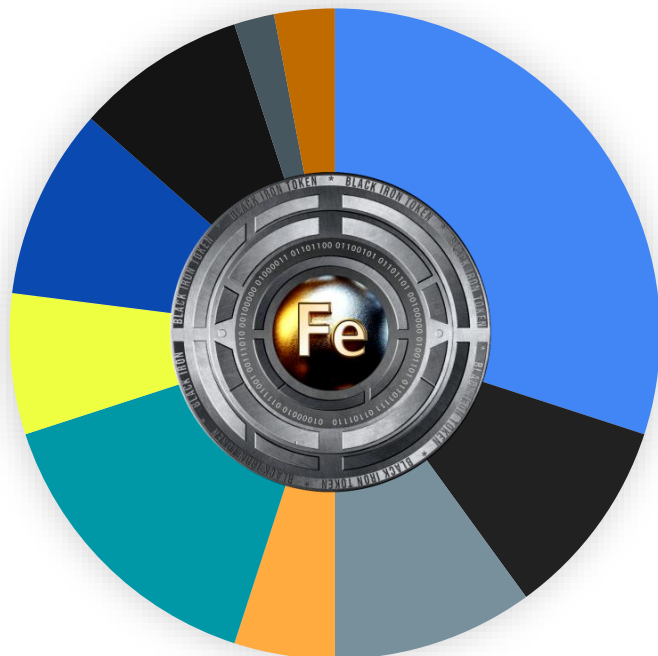
Token Distribution

The distribution of **BlackFe** Tokens based on **Maximum Supply**



Token Distribution

The distribution of **BlackFe** Tokens based on **Private Pre Seed/Strategic Round Seed**



- 30% BlackFe Ecosystem Liquidity Pool
- 10% BlackFe Token Staking Rewards Pool
- 10% BlackFe Ecosystem
- 5% BlackFe Foundation
- 15% BlackFe Related Tax and/or Value-Added Tax
- 7% Private / Pre-Seed
- 9% Strategic Round / Seed
- 9% Initial Token Offering (ITO)
- 2% Strategic Partner
- 3% BlackFe Core Team



Vesting

Token sale	Vesting period
Private / Pre-seed	10% unlock at TGE, 2 months cliff, linear unlock by over 6 months
Strategic round / Seed	10% unlock at TGE, 2 months cliff, linear unlock by over 6 months
ITO - Initial Token Offering	30% unlock at TGE, linear unlock over 3 months
Token allocations	Vesting period
Strategic Partners	Locked and vesting: 1 month cliff, linear unlock by over 12 months
BlackFe Core Team	Locked and vesting: 5 month cliff, linear unlock by over 18 months
BlackFe Token Related Tax and/or Value-Added Tax and other regulatory, statutory and permitting taxes and or fees	Locked and vesting: 1 month cliff, linear unlock by over 18 months
BlackFe Ecosystem	Locked and vesting: 1 month cliff, linear unlock by over 18 months
BlackFe Staking Rewards Pool	5% unlocked at TGE, linear unlock over 18 months
BlackFe Token Ecosystem Liquidity Pool	5% unlocked at TGE, linear unlock over 12 months



ASK

Looking for Pre-Seed round for investors after TOKEN2049 SINGAPORE
(September 18-19, 2024)

Pre-Seed

Token sale	Supply	Quantity, Tokens	Price	Value in USD	Vesting period	Initial unlock, %
Pre-seed	7.00%	700,000,000	\$0.002	\$1,400,000	10% unlock at TGE, 2 months cliff, linear unlock by over 6 months	5.00%

Strategic and Public rounds

Token sale	Supply	Quantity, Tokens	Price	Value in USD	Vesting period	Initial unlock, %
Strategic round / Seed	9.50%	950,000,000	\$0.004	\$3,800,000	10% unlock at TGE, 2 months cliff, linear unlock by over 6 months	5.00%
ITO - Initial Token Offering	8.50%	850,000,000	\$0.006	\$5,100,000	30% unlock at TGE, linear unlock over 3 months	15.00%



Legal Opinion

Biography of Judge Raul C. Pangalanan

Judge Raul C. Pangalanan is a former Judge of the **International Criminal Court** at **The Hague** (since 2015). He is the former President of the Trial Division and sat in landmark cases on war crimes and crimes against humanity.

He is a **Member of the Permanent Court of Arbitration** (The Hague), and a Judge of the **Asian Development Bank Administrative Tribunal** (Manila). He has been elected to the **Institut de Droit International**.

He is currently **Professor of Law at the University of the Philippines** where he served as **Law Dean** (1999-2005), where he teaches **Constitutional Law and International Law**. He lectured at the **Hague Academy of International Law**, where he had earlier served as **Director of Studies**. He was an **Asian Public Intellectual Fellow** of the **Nippon Foundation**. He received his **doctorate in law from Harvard**, and his **Diploma from The Hague Academy of International Law**.



Legal Opinion Highlights

Concerning the Appropriate Legal Characteristics of the “FerroToken” Cryptocurrency Ecosystem with its Digital Token “**Ferro Token**” Represented by its Token Symbol “**FRRO**” dated **November 3, 2021**, by **Judge Raul C. Pangalanan**. **Ferro Token** has passed the criteria of **HOWEY Test** in the United State.

[See the Complete Legal Opinion Document here](#)



Technical Updates from Japan and Other Related Matters

(As of July 16, 2024)

- **Memorandum of Cooperation:** The Philippines' Department of Environment and Natural Resources (DENR) and Japan's Ministry of Economy, Trade, and Industry (METI) signed a memorandum and witnessed by President Ferdinand Marcos Jr. of the Philippines and Prime Minister Fumio Kishida of Japan on February 9, 2023, to positively impact high-grade magnetite iron and pelletized iron resources from the Philippines.
- **Market Outlook:** Japan is the second largest importer of pelletized iron, with a positive market outlook if magnetite iron sand grade is increased from **62% to 65%**. High-grade pelletized iron pellets can be supplied to Japan and other countries, with Japan as a priority.
- **Funding Opportunity:** Japan's METI and JOGMEC offer **50% funding for offshore marine and onshore equipment, including magnetite iron upgrading and pelletizing plants**, when partnered with a Japanese company.
- **Market Outlook:** Japan is the second largest importer of pelletized iron, with a positive market outlook if magnetite iron sand grade is increased from **62% to 65%**. High-grade pelletized iron pellets can be supplied to Japan and other countries, with Japan as a priority.
- **Global Market Size:** The global iron ore pellet market was valued at **USD 62.466 billion in 2022** and is expected to grow at a **7.9% CAGR**, reaching **USD 141.98 billion by 2033**, indicating a positive outlook for related corporations
- **Technical Findings:** Technical findings from China, led by **Mr. Shi Zhifang**, support the use of specific gravity of **3.773 per ton of magnetite iron** from offshore mining areas in **North Western and Northern Luzon, Philippines**, similar to other mineralized mountain ranges.



See the [Complete Technical Updates from Japan and Other Related Matters](#) here



Business Model

Business Model of BlackFe in relation with Crypto Currency/ Digital Asset, Block Chain, its Real-World Asset and BlackFe Ecosystem

In the rapidly evolving crypto space, **BlackFeVerse** recognizes the need to adapt swiftly. Early **NFT models**—where artists received royalty fees for their digital creations—paved the way for tokenization. Now, this concept can extend beyond art: imagine applying it to mineral mining. Miners, engineers, and geologists could receive tokenized royalty fees for their work.

For instance, **Ferro Offshore Resources Corporation**, which operates magnetite iron mining tenements in *Northwestern Luzon, Philippines*, has proposed offering **Celestial Lotus Technologies Corporation** a **Real-World Asset** backed by future production from its offshore mineral mining asset. These tokens would serve as royalty payments to those involved in production.

Royalty fees for various iron products, including overburden iron sand, magnetite iron sand, iron sand tailings, and pelletized iron products. All those *Royalty fees* have different levels of indicative market prices, hence, 10% Royalty Fees to product producers will have likewise different levels.



The **BlackFeVerse Ecosystem** will benefit significantly from the foreign and domestic transactions of **Ferro Offshore Resources Corporation**. By mandating the use of the **BlackFe** token for payments of mineral products, the ecosystem will experience increased demand for the token, leading to potential price stability. Additionally, the ecosystem will receive royalty fees from the corporation, further strengthening its financial position. The use of blockchain technology through **BlackFeVerse** will also help reduce transaction costs for both **Ferro Offshore Resources Corporation** and **Mineral Buyers**.



Thank You



Contact:

+63918-824-9999

contactus@blackfe.net

Celestial Lotus Technologies Corporation

<https://www.celestiallotustechnologies.com>

