

Futures Protocol, The GDP Driven Cryptocurrency Eco-System

(White-Paper Elements for a 3rd Generation Blockchain Crypto-System Ecology)

Notwithstanding their Revolutionary Potential, Existing Blockchain Protocols and Proposed Ecosystem's lack the Qualities Required to Create Ubiquitous, High-Value Mass-Market Utility in the Socio-Political Space, Domestic and International Commerce. Unless the Method of Exchange (MOE) is 'Community Adjudicated' as Advantageous to Hold, Save and Trade, 'It Can Not Rule, It Will Not Endure'.

Although Bitcoin, Ethereum, et al., may be Directionally and Conceptually Correct, they are far from being Complete Eco-System Solutions. Strategically, these have no practical utility as a general and versatile medium of exchange. They simply lack the design, engineering or architecture necessary for longevity.

It Matters not if a Method of Exchange is Physical, Digital, or Crypto, if it can-not be Directly Converted into other MOEs, High-Quality Commodities, Goods and Services at a Published and Transparent Conversion Rate, it's not 'Backed' by Anything. True Price Liquidity cannot be Discovered, Manipulators and a few speculators win this game. This is a Strategic and Fatal Flaw that Will Take All but a Handful of them to Zero.

A True 'Capital Currency' Should Never Experience Significant Volatility, Should Always Produce 'Dividends'. These are the Hallmarks of a Durable, Transparent and Valued MOE.

The System summarized in this Paper Will Effectively Govern for Resiliency and Price/Value Appreciation. It will Find High-Value Utility in the Socio-Political Space, Domestic and International Commerce, be a Secure Store of Value for Future Trade, Trustless and Transparent.

Network Scaling Effects, Cryptocurrencies and Flywheels

At critical mass, the value obtained from a Network is greater than or equal to the price paid for the goods or services available through the Network. The original law is based on the idea that the value of a network grows in proportion with the number of all possible connections.

This can happen for short periods of time because of factors such as herding behavior. However, without an infinite pool of people it is not sustainable. For this reason alone, a crash is inevitable. A key concern must then be, how to attract early adopters and opinion leaders prior to reaching requisite network or scaling.

The strategy here is to create an Eco-System that builds-in enough tangible and experiential value, to early adopters, without significant network or scaling effects at the outset. The Flywheel model produces these benefits without banking on network effects or economies of scale (Amazon, Atlassian, Walmart).

Eco-System must be, Decentralized, Anonymous and 'Secured' by Blockchain Validated Eco-System GDP.

Eco-System-GDP is Defined and Measured as: Authenticated Cash and Cash Equivalents, Modest Earnings Margin/Growth Multiple + Audited Net Asset Value (NAV+) of Portfolio Holdings; land, buildings, plant, equipment, finished goods inventory, natural resources, etc.

An Eco-System and Application Platform Enabling the MOE to be sent directly from one party to another, without being mediated through a Centralized Gate-keeper, Regulatory body, or Exchange.

A Cryptocurrency Eco-System or Cryptosphere Capable of Meeting the Needs of Hundreds of Millions of Consumers, Traders and Trans-Actors on a Truly Global Scale. Driving Rate of Adoption, Fungibility, Network Services, Exchange and Utility Values.

Bitcoin Protocol is version 1.0 = Security, Transparency, Scarcity, etc. 1st Generation Technology.

Aside from the scalability, volatility, fungibility... issues, Bitcoin suffers from the “51% problem”. If a person or entity should gain control of 50% of the miners plus 1 that person or entity could in fact transfer any number of bitcoins from any number of bitcoin addresses on the blockchain to any other bitcoin addresses. Holders of Bitcoin are essentially “hoping” this never happens.

Altcoins, however, reveal how little, if any, true price discovery there is to Bitcoin... Bitcoin's ‘price’ is only a perceived or speculative value, this is as true of any Altcoin or ‘currency’ which isn't directly linked and convertible into Fundamental Physical Commodities; land, buildings, equipment, finished goods inventory, food, water, shelter, natural resources, etc.

Ethereum Protocol is version 2.0 (blockchain 2.0 projects) = Bitcoin + Limited Scalability, Smart Contracts, Proof of Work, etc. 2nd Generation Tech. Ethereum has proven to be an effective and efficient platform for token sales. Essentially, enabling any script kiddie or keyboard jockey to create a new ‘flavor of the week’ token, ‘me-too’, or even a ‘why not us coin’.

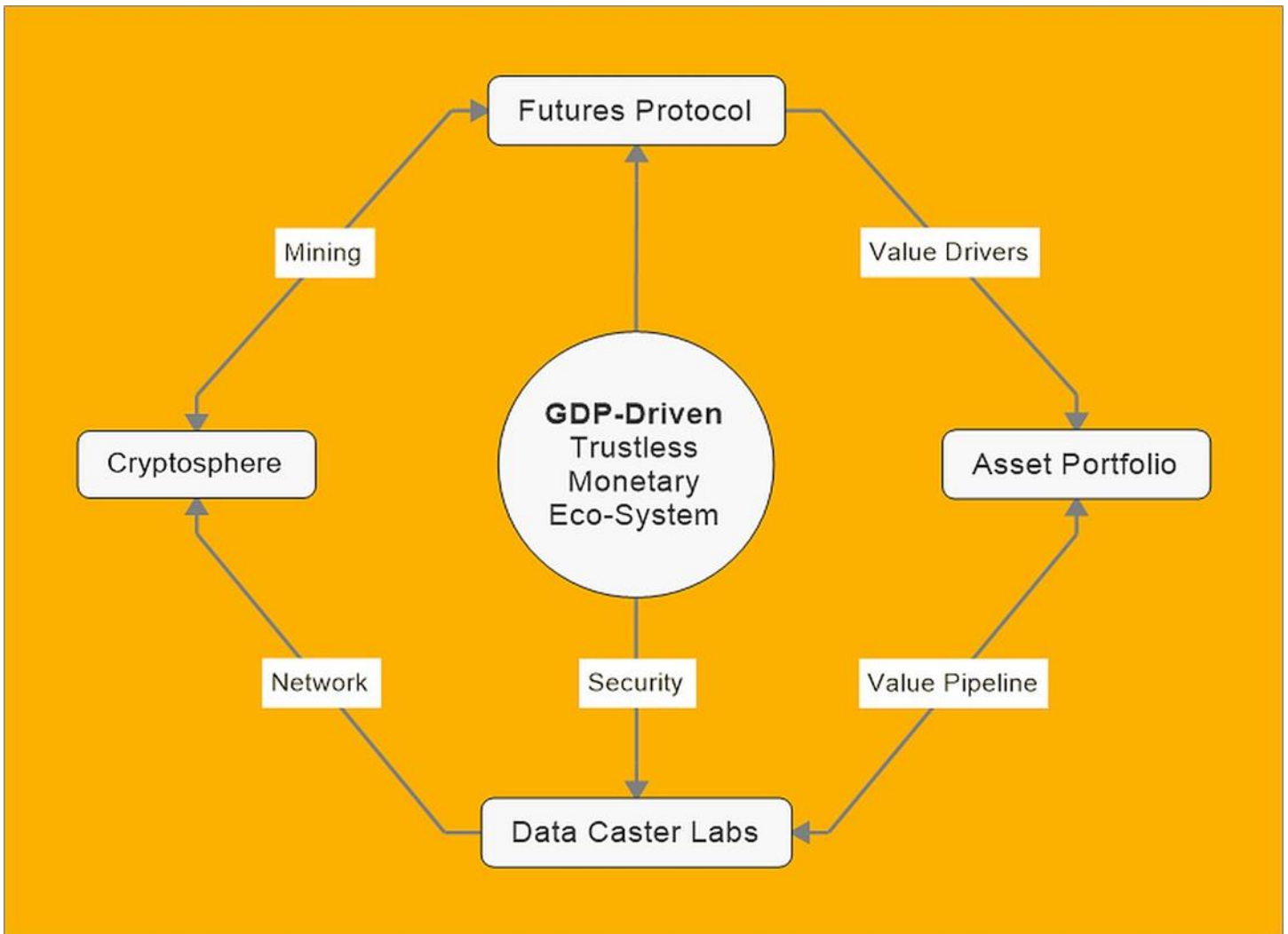
Since these begin at an extreme disadvantage with respect to Bitcoin, they will not succeed with technologies that are just marginally superior. It must be as significant an advance over Bitcoin as Bitcoin was over Fiat. It matters not how clever a ‘me-too’ token or Protocol is and/or what ‘cool’ features they may aspire to.

Liquidity, which is required for anything to be used as a currency, cannot be built into a protocol. It can be created only through and as a component product of a Closed-Loop GDP Driven Eco-System. Futures Protocol 3G Technology will effectively and efficiently address these costly and vexing problems.

Futures Protocol: A 3rd Gen Ecology that will Facilitate Ultra-Secure Transactions, Execution of Dynamic Smart Contracts, Decentralized Peer to Peer Exchange, P2P Application Development Platform...Creating a Highly Productive, Dynamic, Durable and Self-Regulated GDP Driven Cryptosphere.

- Continuous Self-Funding of Futures Protocol Development
- Continuous Self-Funding of Growth in NAV and Income Streams
- Transparent GDP Driven SBX Price/ Value Discovery
- Incorruptible Constitutional Transparent Community Mgmt.
- Futures Protocol p2p Mobile DApps Dev. Platform
- Community Enriched Liquidity, Fungibility and Utility
- Anonymized Peer to Peer (atomic swaps) Exchange
- Self-Regulated Security, Privacy and Resiliency
- 3rd Generation Blockchain Crypto-System Ecology
- Trustless Dynamic Smart Contracts
- Convertible into Fundamental Physical Commodities

Futures Protocol Development Roadmap



The Futures Protocol technical roadmap includes the following milestones:

- Mining Rights Sale (MRS) or 'Token Event'
- Ethereum-to-Futures Protocol Migration path/plan
- Viable Test Network of Futures Protocol
- Testing and security audits of Futures Protocol
- Deployment of Futures Protocol
- Payments Platform
- Bot API and Platform
- Futures Wallet
- Futures Protocol Services, Storage, Proxy, Dist. DNS...
- Creation of SBX-Based Economy in the Futures Protocol Eco-System

Value Drivers

Primary Valuation Drivers Will Be Real Assets Producing Highly Sought-After Products and Services Marketed to Highly Motivated, Affluent and Economically Resilient Customer Groups and End-Users. SBX will be backed by real assets producing real income. Driving Transparent Value/ Price Discovery. Not Speculation.

Futures Protocol Will Leverage Existing Communities, Developers, Publishers, Payment Providers, and Merchants to Drive Value, Utility and Fungibility in a GDP Driven Cryptosphere. Enriched with High Quality Goods and Services Exchanged for A True Capital Currency of the, 'Gold with a Yield' Class. Prosecuting a Proactive Posture and Preemptive Security Policy.

These goods and services can be integrated with third-party messaging and social networking applications, combining the best attributes of the centralized and the decentralized worlds for a sustainable, and balanced Closed Loop Eco-System.

What Can Members of the Futures Protocol Community and Owners of SBX Do, Buy, Experience?

A Complete Fin-Tech Solution in combination with an Authentic Trustless Capital Currency of 'The Gold with a yield Class'. GDP Driven Eco-System Liquidity with Annual Growth in Eco-System GDP and Consequent Growth in General Community and Cryptosphere Utility and Fungibility.

A Blockchain Authenticated Asset Portfolio Secured by Audited (i.e. SBX holders can access over 500 streaming cameras, from any web enabled device for 24/7 visual Authentication) Net Asset Value, and Guaranteed Conversion into the Underlying Fundamental Commodities. Creating True Value/ Price Discovery and Authentic Appreciable Demand For SBX. See Build-Out.

- GDP Driven Eco-System Liquidity
- Authentic Trustless Capital Currency
- Blockchain Authenticated Asset Portfolio
- General Utility, Fungibility and Exclusivity
- 'Backed' by Audited NAV and Eco-System GDP plus Annual Growth in GDP
- Guaranteed Conversion into Underlying Commodities
- Futures Proxy will, Securely Connect Buyers and Sellers Peer to Peer
- A 3rd Generation Blockchain Crypto-System Ecology
- Practicing a Proactive and Preemptive Security Policy and Posture

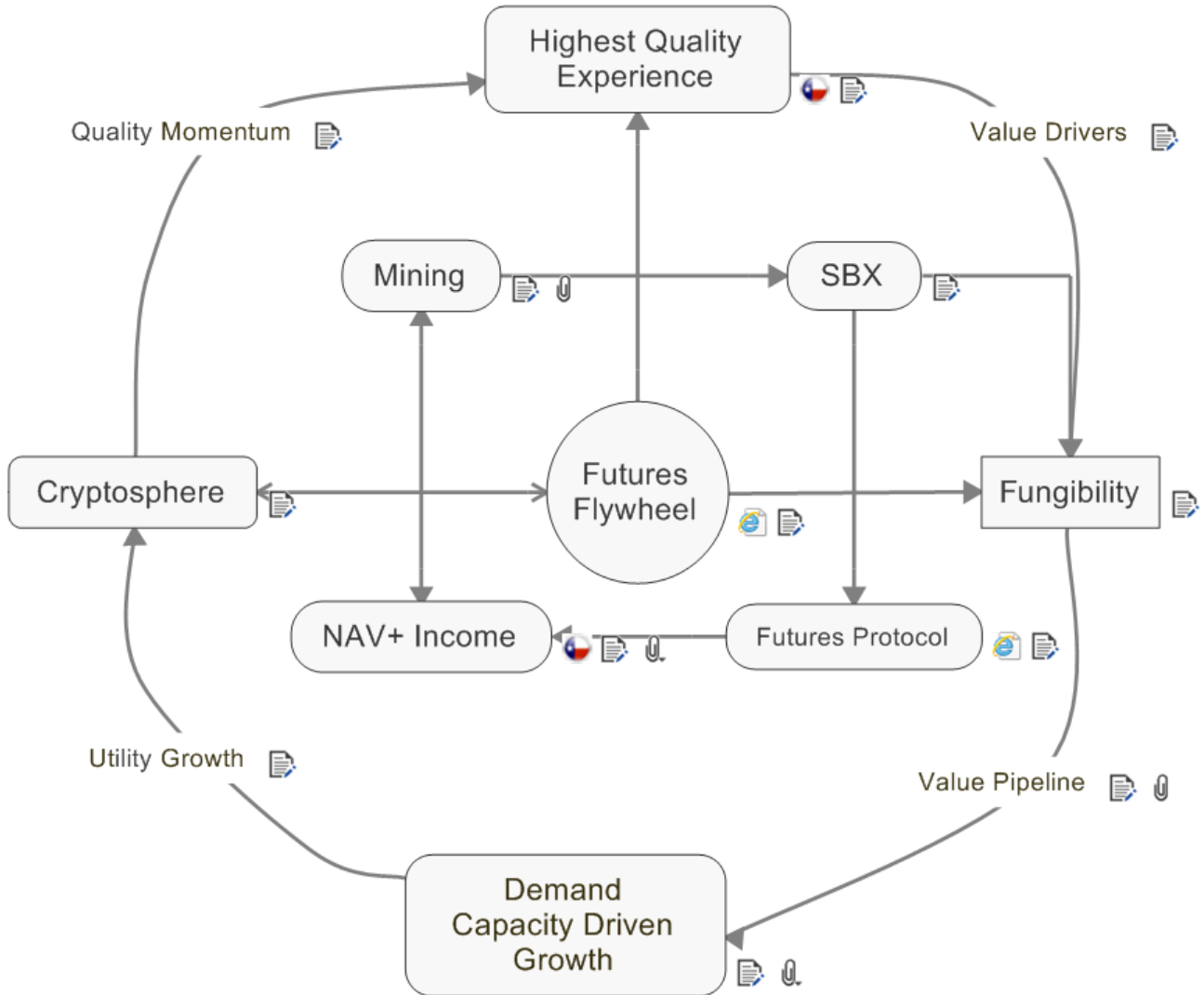
Monetization of Environmental Services; i.e. Beyond Organics Quality Food, Renewable Energy, GHG Mitigation and Carbon Sequestration Credits, Water and Wetland Reclamation... 100% Renewable, Self-sustaining, Grid-Independent, Below-Zero Emissions and Carbon-Negative Operations.

The Historical Basis of all Sound, Traded and Saved Currency's or Methods of Exchange is, without exception, that they have been secured and backed by measured and validated tangibles and intangibles, at the very least, a portfolio of high quality income producing assets. Productive; Real Estate, Industry, Culture of Innovation... and the means to secure and defend it.

The Production of Prized Premium Quality Products and Services. Food, Water, Shelter, Energy, Security, Finished Goods... Driving Transparent Value/ Price Discovery, Rate of Adoption and Fungibility in the Cryptosphere. Succinctly put, Eco-System-GDP.

Conclusion: The Monetary Eco-Systems and Cryptocurrencies that will Ultimately Succeed, Have Not Been Visioned, Engineered and Brought to Market, Not Yet...

Value Pipelines and Flywheels



The synergies and cross-pollinations among the Special Purpose Entities and profit-centers creates the "stacked margin effect" enabling Apple-like margins and complete vertical and effective horizontal integration of the entire transaction chain cycle.

Vertical Integration, one stop shop, whole value chain, farm to fork, seed to salad; all of these are just different ways of expressing a key component of the flywheel strategy for establishing & maintaining a 'High-Margin Durable Competitive Advantage'.

This translates into control of all the key variables that determine success in the market, whether measured by customer satisfaction, profitability, market share, margin, reputation, brand preference or any other basket of valuator. Any one of which presents a significant competitive barrier, but in totality creates as unassailable an apex class advantage as is probable.

*Growth, as measured by the annual change in total value of all goods produced and services provided.

Data Caster Labs (DCL's) Operations and Development Center

An Air-Gapped mirror of Futures Protocol, (Public Ledger) will be housed in DCL's ultra-secure, Grid independent, EMP hardened facility. First and last 75 miles of Internet connection will be laser to fiber in addition to encryption. This will provide a level of protection unique to Futures Protocol SBX Cryptosphere. If/When the Internet and/or Electrical Grid go Down SBX Will Remain Secure, Accessible and Tradeable.

DCL's is rendered ultra-secure on several levels: Secure remote location, EMP hardened Facility, Air-Gaped, Extreme-Off-Grid, Encrypted Laser Transmission to Fiber, local to state level political relationships and affiliations, etc. Fraud and Fugazi are mitigated. No takeovers, Ex-hacks, Pump-and-dump Schemes, etc.

In the event of disruption, manmade or otherwise. SBX will be secure and accessible on-site and will always be exchangeable into Beyond Organics and Prime+ quality food, water, feed, fuel, security and grid independent power with all the amenities of a trophy class preppers paradise. For SBX, Internet and Power Doesn't go Down.

The Futures Protocol Cryptosphere is to be an open-source P2P web application platform for decentralized, privacy-preserving applications keeping network members in control. Uploading content to the peer-to-peer grid is fully encrypted before ever leaving members device. Encryption ensures all content in the system is kept confidential and free of tampering.

Futures Proxy is a network proxy anonymizer layer used to anonymize the identity and IP addresses of Futures nodes. Similar to I2P (Invisible Internet Project), this layer can be used to create decentralized VPN services and blockchain-based TOR alternatives to achieve anonymity and protect online privacy. HTML/JS applications loaded from the Cryptosphere are sand-boxed in-browser using a capability based security model.

Thus far, Bitcoin has established itself as the de facto 'digital gold' and Ethereum has proved to be an efficient platform for token crowd sales. However, there is no current standard cryptocurrency used for the regular exchange of value in the daily lives of ordinary people.

This paper outlines the Design for a new Cryptocurrency Ecosystem or Cryptosphere capable of meeting the needs of hundreds of millions of Consumers, Traders and Trans-Actors. Designed to securely host a new generation of trustless services, cryptocurrencies and decentralized applications.

Futures SBX will function more like the currency of the gold-standard class that is technically implemented by virtue of Blockchain technology, and secured by tangible income producing assets. This instrument features broad functionality, more than a beautifully crafted concept, an authentic and viable instrument which would seamlessly operate on a global scale.

Conclusion: In Combination with Futures Protocol, P2P Network and Futures DNS, Futures Proxy can make any service, including messaging, effectively immune to manipulation or censorship. State-of-the-art encryption ensures all content in the system is kept confidential and free of tampering, even when stored on a peer-to-peer grid. Well-documented, Well-scrutinized, Open-Source.

More Than an Elegantly Crafted Concept. This System Features Broad Functionality, Designed to Securely Host Generations of Trustless Services, Decentralized Applications and Distributed Autonomous Organizations. A Complete Fin-Tech Solution Creating an Apex Class Competitor, with Effective Horizontal and Vertical Network Transaction-Chain Integration.

'This is a System That Can Rule, This is a System That Will Endure'.

In addition to payments for all digital and physical assets sold by individual merchants within the Futures ecosystem and on other projects integrated with Futures, the SBX Tokens (Lone Star Bucks) will be used as:

- Commission (gas) paid to Futures nodes (validators) for processing transactions and smart contracts;
- Stakes deposited by validators to validate transactions and generate new blocks and coins;
- Capital loaned to validators in exchange for a share of their reward;
- Voting power required to support or oppose changes in the parameters of the protocol;
- Payment for services provided by apps built on the platform (Futures Services);
- Payment for storing data securely in a decentralized way (Futures Storage);
- Payment for registering blockchain-based domain names (Futures DNS) and hosting;
- Futures-sites (www. Futures);
- Payment for anonymized identity and IP addresses (Futures Proxy);
- Payment for bypassing censorship imposed by local ISPs (Futures Proxy);

Futures SBX Event

49,500,000 or 49.5% of Futures/SBX will be made available in Token Event.

A max-cap of 100,000,000 Lone Star Empire Tokens will ever be created, (aka 'Lone 'Star Bucks' symbol SBX). 49.5 Million (SBX) will be made available through initial token offering (ITO) @ \$1.00 ea. Founders, Developers and Operations team will be allocated 15M SBX to be held in locked escrow until Asset Portfolio is cash flow positive, (projected to be 4th qtr. 2020). For a maximum of 64,500,000 SBX.

Futures/SBX is a Utility Token, One Aspect of its Utility is the Mining Rights to the Eco-System. Futures Provide Proof of Authority (POA) Access to Blockchain; track transactions, verify identities, support uniformity, resist tampering, enable logistical control for large numbers of participants, protect privacy, and support accountability and auditing.

Project developers looked at dozens of key metrics, formulas and tools for forecasting a reasonable, although, forward looking valuation on SBX tokens. Projected Price to Earnings ratio (PPE) is one of the most commonly used and useful methods for accessing potential future value.

The formula for the forward PPE ratio is: Price Per Token /Expected Earnings Per Token.

Projected net asset value (NAV) + Cash from forecast earnings of \$2.89 per SBX. NAV + Cash and Equivalents from earnings could support a price of \$25.00 - \$28.00 per SBX in third fiscal year. Giving SBX a forward-looking market cap. of \$1.6 – \$1.8 billion. Assuming 64.5 million SBX tradable at the end of third fiscal year.

Conclusion: A True Capital Currency of the, 'Gold with a Yield' Class. Driving Transparent Value/ Price Discovery and Appreciable Demand for SBX. From Seed to Salad. Sustainable GDP Driven Eco-System.

All funds will be wired directly into contractors, vendors and service providers accounts when 'Certified' payable. Founders, development and management team will not exercise control over funds at any time.

Disbursements are to be in accord with build-out schedule and proof-of-work, invoices for work completed are submitted and third party on-site certification with hundreds of on-site security cameras that any SBX holder can access from any web enabled device for 24/7 visual Authentication. See Build-Out.

Futures Asset Portfolio

Revenue / Earnings Projections Years 1-5
(By Profit Centers / Millions \$)

Beyond Organics Garden, incl., Poultry, Dairy, Foraged Duck, Geese, Game.....	23.8 / 7.6
Prime+: Wagyu beef, Pork, Game, Private Label, Certification and Genetics.....	22.5 / 7.2
MOE Fine and Rare and Blue Ribbon Café @ Home.....	18.3 / 5.9
Data Caster Labs.....	18.2 / 5.8
E Q Power 1.2 Mw Waste to Power plant (feed, fuel, fertilizer & Electricity)	10.1 / 3.1
Sub-Zero Energy 15 Mw Bio-Diesel fueled Power plant.....	7.6 / 2.4
Empire Packers®, USDA Approved Multi-Species processing & packing Plant.....	5.7 / 1.8
Magnum Opus Manor Lodge.....	4.0 / 1.3
M O E Vineyards, Premium Wine Grapes, Fermented, Distilled & Brewed spirits.....	3.9 / 1.2
Leases; Hunting, Fishing, Recreation, 360 SSG.....	2.7 / .860k
Aquaculture; Fish, Prawns, Feedstock.....	2.2 / .700k
Years 1 - 3 Aggregate.....	119.0 / 38.0
Year 4 Aggregate.....	157.0 / 50.3
Year 5 Aggregate.....	207.3 / 66.3
Years 1-5 Aggregate.....	483.3 / 154.6

Note; Capacity is the driver here, not Sales. Stretch objective is + 10%. All Profit Center production sold through multi-year pre-production purchase agreements with top tier retailers, 32% margin. Revenue assumes 32% avg. scaling of capacity growth across all Profit Centers in yrs. 4 & 5.

BUILD-OUT

15-18 months w/ \$37M budgeted, approx. \$8.2M per quarter draw down

- **Empire Builders:** Dirt work, site prep. and approx. 5 miles of road paving.
- **E Q Power:** 5 Mw Waste to Bio-Gas/Diesel and Wastewater treatment plants.
- **Empire Packers:** USDA approved multi-species packing plant. 25 beeves per day/cap.
- **Prime+:** Aging, curing, smoking, cold storage, freezer, processing and retail packaging facilities.
- **Livestock Housing:** 25,000 sq. ft. structures w/slab 85' X 300' appx. 250k sf.
- **Beyond Organics:** Greenhouse facilities 25,000 sq. ft. structures w/slab 85' X 300' appx. 150k sf.
- **Empire Builders:** Fabrication of 1,290 GrowMaster continuous harvest units.
- **Beyond Organics:** Capital improvements to reservoir for aquaculture/feedstock operation.
- **Magnum Opus Manor Lodge:** Mgmt. HQ, Partner, Guest and Customer conference facilities.
- **R&D facilities:** Biologics, genomics, product development, etc.
- **Wildlife mgmt.:** Hunting, Fishing and Recreation facilities and equipment.
- **E Q Waterworks:** Restoration of 900-acre wetland area for conservation and water mgmt.
- **Empire Builders:** Engineering, Machining, Fabrication, Construction and Maintenance facilities.
- **Data Caster Labs:** 1,500 server datacenter scaling to 15,000 (owner/operator partnership).
- **MOE Vineyards:** 30-acre± scaling to 100, premium wine grape vineyard.

Futures/SBX: Do not constitute an interest in any enterprise, asset portfolio or claim to income streams derived therefrom. The purchase of SBX tokens provide only rights to the mining of SBX, any returns or expectation of profits will be solely or predominantly from token holder's own efforts.

Example of a Strategic Flywheel Driven Asset Portfolio

Eco-Quest Industries:

Ecologically Mindful; Agribusiness, Construction, Basic Industry, Logistics & Transport, Packaging and Fulfillment, Renewable Energy, Resource Management and Reclamation Technologies.

RE Ventures Group:

Acquisition, Development and Management; Designer, Builder, Marketer and Operator of Master Planned Communities and Joint Venture Projects. Thematically Structured REIT's.

Fine & Rare Group:

Specialty Marketer of Branded, Super-Premium; Intelligent, Elegant & Unique; Foods, Fashions, Sprints, Gifts and Gear. "A Superior Lifestyle Experience" Simply the best The Empire has to offer.

Security Solutions Group:

Vertically Integrated; Actionable Intelligence Services, Network Security, Risk Management, Security Enforcement and SpecOps/SWAT Training.

Visioneering Group:

Intelligent Technologies; Applied Research, Design, Development, Manufacture, Integration and Maintenance of Advanced and Intelligent Technologies Systems. Visioneered; Products, Processes, Tools, Toys and Connections.

Opportunity Management Group:

Turnarounds, Mergers and Acquisitions, Venture Funding.

Quest Media Group:

Communications, Public Relations, Organizational Development, Gifted and Remedial Education.