

## Rousix's ICCF-Digital-Capital-Markets PantheonDAO SPQR Blockchain Detailed Description

The PantheonDAO, (the "DAO"), is an exclusive international decentralized autonomous membership organization having interests in the digital and crypto-asset ecosystem. The DAO does not offer or sell any equity ownership, rights, or interests in the Organization or DAO. The SPQR native coin represents and is the exclusive point of entry to, and the manifestation of, membership interests in the DAO; with the member, as long as he or she owns the SPQR coin, has access to the goods, rewards, services, and opportunities provided by the DAO to its exclusive members. Or a member can purchase a membership interest for a set time certain that qualifies the member to receive goods, rewards, services, and opportunities not available to nonmembers.

The PantheonDAO and Blockchain's Protocol will be governed through voting on Protocol Improvement Plans (PIPs) and eventually operate as a community-owned DAO. The SPQR token will be one of the key pieces to submitting and voting on PIPs which can address topics such as core protocol configuration, trading fees, staking rewards, collateral requirements, and the distribution of rewards.

This document does not in any way constitute an offer or solicitation of an offer to buy or sell any investment or token discussed herein. The information contained in this document may include or incorporate by reference, forward-looking statements, which would include any statements that are not statements of historical fact. These forward-looking statements may turn out to be wrong and can be affected by inaccurate assumptions or by known or unknown risks, uncertainties, and other factors, most of which are beyond the control of The Pantheon Foundation, the PantheonDAO, or the Pantheon Blockchain, collectively, (the "Pantheon Organization").

### THE PANTHEON FOUNDATION: PANTHEON DAO AND BLOCKCHAIN ECOSYSTEM.

#### I. EXECUTIVE SUMMARY.

In the 20st-century, circa 1990-95, advancements in information technology created the first internet, Web 1.0, the Netscape web browser, AOL, Yahoo search engine, the static web page, its first generation associated content, and the legacy technology companies, AOL, Netscape, Yahoo, Sun Micro, etc., that pioneered the first interconnected global community powered by low cost and ubiquitous communications technology available to the mass audience. The global acceptance of the new internet technology incentivized Web 2.0, 1995-2005, which sparked the rapid rise of the multinational centralized technology company and a new business model that offered free services and access to their ecosystem in exchange for access to the consumer's personal habits and data; which is collected, analyzed, commercialized, and monetized as the financial business model of the Web 2.0 captive, siloed organization.

The 21st-century, for the first time, due to the modernization of information technology, and access to a global audience and supply chain network, society saw the rise of the trillion-dollar market-cap technology conglomerate, Apple, Amazon, Microsoft, and Google, (the "Tech Titan"). Each of the Tech Titans saw their respective market caps exceed the trillion-dollar threshold. All built primarily on and market dominance achieved by the foundations of the internet Web 2.0 ecosystem. Once the business models of each of the trillion-dollar tech titans are thoroughly analyzed, the conclusions are palpable: market dominance and profitability were achieved by the brilliant strategic combination of concentrated focus in a niche market, the complete control of all elements of the processes that govern that niche; and the extension of the niche into reflexively associated markets that deliver a natural economic synergy to the business model at basically zero marginal costs. The 21st-century Tech Titans are the greatest wealth creation vehicles the world has ever known, thousands of billionaires and millions of millionaires have been created from the increase in the equity valuation of these market behemoths in the last twenty years. The common facet of their business models is to leverage the global access of the consumer to the internet, the technology channel, and delivery access, community, commerce, consumer consumption, and an enhanced consumer experience to the consumer in the most convenient format at a decreasing marginal cost and concentration of resources.

The 21st-century Web 3.0 Decentralization Paradigm.

In the middle of the 21st-century, circa 2008-10, society saw the capitulation and near-death experience of the global capital markets predicated on the tremendous excesses and hubris that had accumulated within the global system as a result of the global centralization of economic policy and financial incentives structures. The economic infrastructure of the legacy global order is and since the Bretton Wood conference in 1944, has been economic ordering of the global financial ecosystem by the reintroduction of the gold standard and the establishment of the U.S. dollar as the global reserve currency after WWII. The international national objectives of the G-10 western economic nations have been economic control, and hoped for sustained political stability through the centralization of the interest rate mechanism by national central banks in a coordinated, centralized policy fashion, with the objective of steady economic growth for the G-20 nations, at the expense of the remainder of the developing nations; and hopefully, a rising standard of living for the developing labor supply nations. That imperialist economic model died a horrible death in 2008-10 and placed the global order into a substantial retreat from centralized dominance. The bankruptcy, first of Bear Stearns, then Lehman Brothers, and in rapid fashion Merrill Lynch, AIG, and others, and the zombie bankruptcy financial companies on life support supplied by the Federal Reserve's elastic fiat currency balance sheet, exposed the contradictions within the decayed and defunct paradigm of the Bretton Wood monetary policy regime. Bretton Wood's globally centralized economic policy was dead, and a counter-culture rebellious anti-establishment, and anti-tradition

economic philosophy was birthed by the introduction of Bitcoin and the blockchain infrastructure as an alternative to, but not yet a replacement of, the legacy global economic and financial order. Just as the legacy analog technology market has been replaced by digital technology, the centralized, unitary, authoritarian command, and control philosophy, the legacy analog global fiat dominated economic and financial order will be completely replaced by a new decentralized paradigm in "digital money", digital commerce, and their associated infrastructure and ecosystem.

#### NEW ECONOMIC PARADIGM: NEW WORLD ECONOMIC ORDER.

On Sunday, August 15, 1971, while the global financial markets were sleeping and closed, U.S. President Richard M. Nixon, by imperial Executive Order no. 11615 killed the globally accepted reserve currency, the gold-backed U.S. dollar, and by Executive dictate and the stroke of his pen, created a new fiat paper dollar, not backed by anything tangible or of economic value, or limited in its supply except for the economic policy of national self-interest. The gold-backed U.S. dollar died, and its paper fiat economic clone was birthed on Monday, August 16, 1971. A new paradigm was created in the global financial order, the Nixon Global Fiat Order. Within two days August 16–17, 1971, Japan's central bank had to buy \$1.3 billion to support the dollar and keep the yen at the old rate of ¥360 to the dollar. Japan's foreign exchange reserves rapidly increased: \$2.7 billion (30%) a week later and \$4 billion the following week. Still, this large-scale intervention by Japan's central bank could not prevent the depreciation of the US dollar against the yen. (Wikipedia).

Obviously, the other nations that had relied on the Bretton Wood economic global order and regime were not obligated to accept the new Nixon fiat dollar in payment and redemption of their owed debt obligations; thus, one might ask: "Why was it at the time, 1971, necessary for the United States to kill off its gold-backed currency, the globally accepted reserve currency, and at the same time birth a new synthetic, unlimited supply fiat national paper currency as the authorized global reserve legal tender for the settlement of "debts?" The keyword being "debt."

What exactly is fiat money? According to Wikipedia: "Fiat money is a currency (a medium of exchange) established as money, often by government regulation. Fiat money does not have intrinsic value and does not have use-value. It has value only because a government maintains its value, or because parties engaging in exchange agree on its value. It was introduced as an alternative to commodity money (a medium which has its own intrinsic value) and representative money (money which represents something with intrinsic value). Representative money is similar to fiat money, but it represents a claim on a commodity (which can be redeemed to a greater or lesser extent). Government-issued fiat money banknotes were used first during the 11th century in China."

#### II. THE THIRD INDUSTRIAL REVOLUTION: DECENTRALIZED ECONOMIC PARADIGM.

Beginning in 2008 with the introduction of Bitcoin (BTC) and the blockchain distributive ledger

technology (DLT) the idea and concept of money have fundamentally changed from exclusively a paper fiat mechanism to a digital representative form of value that can be transferred and created without the need or involvement of a purported "trusted" third party, usually a legacy financial institution or network. The individual through peer-to-peer (P2P) communication networks is now, 2021, positioned to transact and transfer value independent of any government regulated centralized authority. BTC was built on the programming data structure of the linked list, cryptographically secured, and the distributed network harmonized, ordered, and secured by the proof of work (PoW) consensus protocol. Collectively, the components of the BTC network permitted for the first time the secured, permissionless transfer of value between two parties with the need of a middleman and without the risk of the double-spend problem that had plagued all previous attempts to address the transfer of value.

Rousix's International Commercial Credit & Finance Corporation, ICCF, as a joint venture (JV), with the advanced technology research and development Pantheon Foundation, joined forces and resources and formed a decentralized autonomous organization, DAO, the PantheonDAO, (the "DAO"); that undertook the business objective and has developed the necessary expertise in DLT technology, the legal issues, and the specialized financial services competence and has acquired all the necessary elements to develop and deploy the public, permissionless, open-source Pantheon DLT Blockchain, (the "Blockchain"). The Pantheon Blockchain will use the SPQR coins, tokens, and its derivatives as its native utility reserve currency, (the "NURC"), for the canonical network energy source used to power the Pantheon Blockchain's computational business logic, processes, functionality, and interoperable Dapps. Unlike both Bitcoin, BTC, and the Ethereum, ETH, networks, the Pantheon Blockchain will have an integrated operational functionality distributed across various Dapps, each having a standardized user interface (UI) for an enhanced user experience (UX), that are interoperable with each other, through a system and network of bridge portals, and jointly have a shared security model, decentralized consensus network, and highly scalable to drive commercial adaptation.

The native, reserve, utility assets of The PantheonDAO and Blockchain, the SPQR, and its related digital assets are not investment contracts or securities, as defined under the Howey doctrine; and accordingly are not subject to or under the jurisdiction of the United States 1933 Securities Act or the 1934 Exchange Act, and therefore an effective registration statement is not required to sell or offer for sale the SPQR digital utility coins within the United States. The holder of an SPQR coin or token does not have any equity ownership, interest, or rights in The PantheonDAO or The Pantheon Blockchain, or any other aspect of the technology stack or ecosystem.

The PantheonDAO sees the technology stack that comprises The Pantheon Blockchain as the mechanism to eliminate frauds, corruption, malfeasance, and other nefarious forms of antisocial

conduct. The removal of the human propensity to create, take advantage of, and benefit from asymmetric access and information is dramatically reduced, if not completely eliminated by the use of computational business logic systems and processes. Decentralized computational trust relationships encoded in immutable machine logic, completely autonomously executed, and return of a deterministic state is a revolution in the metaphysics of commercial activity and process execution. Entirely achievable via the Pantheon Blockchain distributive technology, and programmable logical processing infrastructure.

The operations of The Pantheon Blockchain and the Pantheon ecosystems are and will continue to be sufficiently "decentralized" – that is, insufficiently dependent on the efforts of a large number of miners, node operators, wallet providers, app developers, and others that neither the DAO nor the Blockchain nor any other person or entity could be deemed to be providing the essential managerial services that could cause the SPQR coins and tokens to be securities under the Howey doctrine. There are no implied or explicit understandings, agreements, or arrangements for any person or organization, or entity to actively manage the operations of the PantheonDAO or Blockchain; or to provide managerial or essential managerial services to such an extend their activity falls within the scope of the Howey test. The SPQR native coins, tokens, and related digital assets have no voting rights, interests, or other ability to enforce any operational management modifications or changes to the DAO or Blockchain's operations. The native SPQR coins will be mined in the genesis blocks once Blockchain is launched on the mainnet.

The Pantheon Blockchain is a fourth-generation, Web 4.0, open-source, permissionless public blockchain technology that allows cutting-edge innovations, the decentralized application, Dapp, to be built on top of a unique decentralized ledger technology (DLT) architecture. The Pantheon Blockchain will be a hybrid scalable blockchain that addresses the trilemma, security, scalability, and decentralization in a unique manner: Pantheon consists of a base (root) Ethereum forked node (Geth) for the leveraging of the Ethereum ecosystem, development, and security model; however, Pantheon will modify the Ethereum proof of work (PoW) consensus protocol and will utilize the energy-efficient Tendermint (Cosmos) proof of stake (PoS) or perhaps dPoS (delegated proof of stake) consensus protocol for its security model; and to leverage the security model of the Bitcoin (BTC) technology, Pantheon is developing a hybrid PoS-PoW consensus protocol for Dapps that require the highest security for their applications.

The Pantheon Blockchain will use the resilient Ethereum EVM (virtual machine), developed by Dr. Gavin Wood, to leverage the development infrastructure of the mature battle-tested Ethereum ecosystem. By adopting the EVM as the smart contract processing unit Pantheon Blockchain will be positioned to use the Solidity programming language and other development tools to allow developers to rapidly deploy their smart contract projects while utilizing the ERC-20 and ERC-721

token interfaces and adoption of the OpenZeppelin audited contract models.

To address scalability The Pantheon Blockchain is utilizing the Plasma Layer-2 scaling technology connected to the root Pantheon Blockchain. The Plasma L-2 technology has its own PoS consensus security model, a bonded set of validators that confirm the state of the Plasma chains and update state via checkpoints to the root Pantheon Blockchain.

Global Capital Markets Plasma Layer-2 and other Scaling Solutions .

In the 21st century, ICCF and the PantheonDAO see the global capital markets ecosystem and the tremendous market capitalization of financial services conglomerates as the largest, most fragmented, and potentially the most profitable market segment to deploy an advanced Blockchain Plasma Layer-2 scaling solution specializing in universal interconnectivity and access to the world's economic system infrastructure. The vast majority of human activity involves some form of commercial transacting between multiple parties; which in turn requires the exchange of a unit of value, trust, and execution of the transaction. The trust elements of the transaction can be eliminated by utilizing a computational trust protocol, (CTP), implemented by smart contract programming, Solidity, which encompasses the business logic and processes of the transaction. Each party to the transaction merely has to perform its obligations and has complete confidence that it will be compensated without any consideration whether the other parties to the transaction can be trusted to perform. Costly transactional frictions, trusts, are eliminated and outsourced to the infrastructure, the PoS consensus state protocol, of the computation business logic algorithms of the Pantheon Blockchain.

Given the fragmented nature and numerous disparate national financial interests in the current global economic system paradigm, the inefficiency associated with the lack of universal financial data standardization, the lack of interconnected economic cooperation, and the lack of mutual beneficial trust, the high valued premium elements required for the efficient execution of cross-border transactions, the rapid and efficient capital accumulation necessary for the financing of multinational supply chains and international financial flows cannot react and pivot to take advantage of the latest in financial technology. Accordingly, Pantheon Technology Labs developed what it hopes to be a universally accepted global financial data transactional model standardization format, (GTMS), data structure, formatted as a version of a JSON data file, removes the numerous siloed proprietary data structures that create the transactional frictions that are estimated to cost more than \$20T (USD) each year in lost productivity and unnecessary costs.

The PantheonDAO organization and its cutting edge Pantheon Blockchain technology envision a peer-to-peer (P2P) and business-to-business (B2B) interconnected capital markets, supply chain, and technology-focused e-commerce networks providing decentralized, permissionless, and open-

source universal access to the global financial system's infrastructure that permits anyone, anywhere, with capital to deploy that capital, safely, and earn a competitive rate of return on that capital, and to transaction in a fast and inexpensive format. The Blockchain technology implemented via the smart contract language, Solidity, and executed in the runtime environment of the EVM, replicates analog physical business logic and processes; and in turn converts the business logic functionality into a deterministic, digital, computational, logical process. For example, a traditional centralized financial institution, a large bank, is, in reality, an integrated linked composition of several distinct physical business logic processes; combined with human operational and management systems to achieve the total banking functionality. That same banking functionality now can be digitally replicated and achieved at a fraction of the costs by encoding the business process logic into smart contract functions, which are executed and processed on the EVM, and the account state persisted in a global database of account state. In other words, the 20th-century concept of centralized banking and other physical business processes are now obsolete, having been replaced by a decentralized P2P digitally encoded logic executed not by persons but by cloud-based computational systems.

Advanced Blockchain Technology interconnected to Artificial Intelligence Algorithms.

The PantheonDao, an advanced technology R&D decentralized organization sees the next phase, Web 4.0, in the rapidly developing blockchain space to be the interconnectivity of the Pantheon Blockchain\_DLT with artificial intelligence (A.I.), reinforcement learning (RL) algorithms, as an on-chain Layer-3 data processing module. Artificial intelligence reinforcement learning technology only recently reached a critical mass of technology and innovation merger that now permits many applications to be powered by machine learning (ML) technology. ICCF and The PantheonDAO organization have entered into a multi-year strategic technology joint venture, JV, for the development of the technology solution stack, i.e., the necessary standards, security, protocols, consensus algorithms, and other infrastructure, necessary to interconnect the Pantheon Blockchain, via Layer-2 Plasma Scaling Solutions, to ICCF Global Capital Market's investment banking unit, and its proprietary trading desks. This new technology will allow ICCF and its strategic partners to finance international cross-border, and domestic large-scale corporate finance and investment banking (e.g., real estate, ILOs, synthetic assets, market making, liquidity provision, and merger and acquisition) transactions using the P2P and B2B DEFI staking and yield-farming liquidity models.

The differentiating functionality that separates The Pantheon Blockchain, (the "PNC"), a Web 4.0 technology, from BTC (Bitcoin) and ETH (Ethereum), Web 3.0 technology, is that PNC incorporates business logic and processes as an on-chain Layer-2 functionality with state settlement and second-order finality and consensus jointly on Layer-1 of the root PNC and on the Plasma Chain's local state, optimized for capital markets transactional security requirements. Another technology

feature the PNC will incorporate is an integrated global liquidity facility, (IGLF), run on-chain and accessible via a unified interface (UI), standardized across all aspects of the PNC's capital markets functionality for easy, robust, and intuitive user experience, (UX).

Integrated Global Liquidity Facility and Decentralized Governance Token Offering.

The IGLF's functionality, design, and business logic act as the primary source of decentralized global liquidity to fund ICCF Capital Market's internal and external transactions; and enables the capital provider, regardless of where located, and irrespective of the amount of capital, to have access to a global-sourced and diversified portfolio of investment opportunities and exposures, traditional as well as bespoke, available via the PantheonDAO Treasury and Liquidity Platform. The investment portfolio's offerings will be accessible to the capital provider via the P2P and B2B wealth management Dapp function. ICCF Digital Technologies is currently developing a sovereign wealth component for implementation on the enterprise version of the Pantheon Blockchain. The enterprise Pantheon Blockchain is optimized for privacy, security, and for customized financial solution execution.

The PantheonDAO and the Blockchain's objectives are to enable a computational decentralized global liquidity facility, the DGLF, that sources liquidity globally for deployment

As the initial liquidity event, the genesis process event for the PantheonDAO organization, the DAO's treasurer Smart Contract is working with a legal process Smart Contract to construct a compliant global decentralizing governance offering, (the "DGO"), of the native utility reserve currency asset token, (the "NURC"). The objective for the decentralization of the governance utility asset's distribution of the DAO's governance mechanism is to raise \$1.0B (USD) in crypto and other tokenized assets (each governance utility token will be offered at the price to be approved by the PNC's legal team and advisors) to fund the DAO's treasury and to capitalize the IGLF's initial operations. The DAO's treasury is initially capitalized with 975,000,000,000 governance tokens and related digital crypto ERC 20 fungible and ERC 721 nonfungible capital-raising non-governance assets. All operational aspects of the PantheonDAO will be conducted by and through smart contract functionality with settlement and finality achieved through the Plasma PoS consensus protocols, or other DLT network consensus.

### III. DESIGN PRINCIPLES OF THE PANTHEON BLOCKCHAIN.

Stand-alone, permissionless, public blockchain.

Ethereum compatible: EVM application processing in the Solidity language; all Ethereum Web 3.0 development tools are compatible with the Pantheon development environment for ease of use by third-party developers having skill in the Ethereum ecosystem.

Proof of stake (PoS), and its variants (dPoS), etc., consensus protocol: Block time estimated to be less than 5 seconds. A rotating voted-in set of staked (bonded) validators verify the transactions, builds a block, validates the block, and appends that verified block to the chain. Validators are rewarded with the gas fees in each transaction, and also earn a block mining fee, to be determined, for each block successfully added to the chain. A portion of the gas fee in each transaction and block mining reward (20%) will be refunded to the PantheonDAO treasury smart contract to be staked in the Integrated Global Liquidity Facility.

SPQR is the native reserve asset (coin) for the Pantheon ecosystem that is mined in each block produced. A pre-mine of the genesis coin reserve facility, (the "GCRF"), will be placed into the PantheonDAO Treasury smart contract to be used for staking the Pantheon Foundation and its ecosystem.

Cross-chain interoperability capable.

Rousix International Commercial Credit & Finance Group Holdings Corporation