



ENERGY SECTOR MISSION STATEMENT

Our mission is to horizontally and vertically unite Energy Equipment, Supplies, Services and technology for Oil, Gas and Consumable Fuels on our NexGen Blockchain in order to DEMOCRATIZE the Energy Experience for your HUMAN IDENTITY.

ENERGY SECTOR ROLE IN THE BLOCKCHAIN ECOSYSTEM AND HOW THE BUTTONWOOD AGREEMENT WILL HELP ACCELERATION OF SECTOR INDUSTRY

The Global Industry Classification Standard used by Morgan Stanley define the energy industry as comprising companies primarily working with oil, gas, coal and consumable fuels, excluding companies working with certain industrial gases.[6]

Using CrowdPoint's next generation Blockchain all members of the ecosystem benefit from the transparency, speed and immutable transactions associated with Energy Equipment & Services, Oil & Gas Drilling, Equipment and Services.

To include Gas, Consumable Fuels and Integrated Oil. Our Blockchain accounts for sub-industry horizontal and vertical integration of Oil & Gas Exploration, Production, Refining, Marketing, Gas Storage and Transportation.

The Energy Sector is one of the primary 11 Sectors and its Energy Group is one of the 24 market focuses for CrowdPoint's Blockchain Ecosystem Strategy.

ENERGY SECTOR BLOCKCHAIN ECOSYSTEM ACCELERATION OF OPPORTUNITY

The global energy market is expected to continue its upward growth over the next few years, despite a decrease in 2020 reaching more than \$7.5Tr by 2027. Environmental concerns regarding fossil fuels, rapid urbanization, and economic growth in emerging regions are all major factors that contribute to the projected market growth.

TOTAL ADDRESSABLE MARKET:

With Market volatility flattening out (USEIA) the prognosis for a growing market is good. According to Research & Markets, the Oil and Gas Industry (Drilling, Exploration, Refining, Transportation and Storage) is expected to reach a Market Capitalization of \$5.870Tr by the end of 2021 with a CAGR of 25.5%. The TAM is around \$115.3B and will reach \$122B by 2025 (Zion Market Research). Using the parameters of 1) privately owned SMBs , and 2) IPAA standards of up to \$5M annual revenue, CrowdPoint's Service Available Market is \$45B (9000 companies x \$5M AR = \$45B). Using a robust blockchain exchange system CrowdPoint should be able to capture a Service Obtainable Market of 50%+ of \$22.5B (50% of \$45B).

HOW OUR ENERGY SECTOR EXCHANGE WILL ACCELERATE VALUE CREATION

The Energy Exchange on the Blockchain Ecosystem enables the networking of participants with shared business processes and relationships to create and allocate business value. An Exchange in a Blockchain Ecosystem is an assembly of distributed e-Commerce Marketplaces where participants, despite having different business models, different role, or even being competitors, own the Exchange.

BIG DATA ANALYTICS

Big Data Analytics today are housed in centralized systems that are fed through surveillance capitalism, designed to herd the human identity to make a purchase. In the Blockchain Ecosystem, our members focus on how to democratize Big Data to serve the most precious global currency today: The Human Identity. Our use of Big Data surfaces future buying habits as non-fungible attributes to the Decentralized Identity (DiD).



ARTIFICIAL INTELLIGENCE TECHNOLOGY

The Energy Sector is uniquely positioned to marry A.I. with everyday people and build and support a positive environment. We define Artificial Intelligence as the intersection of software and hardware technology mimicking human behavior. We ask the fundamental question: What Human Behavior do we want to mimic for the Energy Sector? Effective decision-making comes with time and experience.

Al possesses tremendous potential to transform the Energy and Utilities Sectors; in combination with other technologies like Big Data and IoT, AI can aid the active management of electricity grids by balancing demand and supply. The effects of AI are many, but four clusters - will affect the rate at which emissions flow into the seem most likely to affect energy and climate - two will affect the ability of societies to understand how emissions are affecting the climate and how to manage those impacts.

A.I. IMPACTS ON ENERGY SUPPLY: Most visible in the energy and climate space is the impact of A.I. on how energy is supplied. That's because more intelligent energy supply systems shift outward the supply curves. They take resources that are hard to tap and lower the cost. For example, machine learning systems can improve the ability to map and understand the size and value of underground deposits of oil and gas – in turn, making it easier to tap those resources at a lower cost.

A.I. IMPACTS ON ENERGY DEMAND AND MARKETS: While it isn't clear whether A.I. will favor higher or lower carbon supplies of energy, the impacts of A.I. on energy

demand are easier to pin down. All else being equal, systems that have large amounts of intelligence – and the capacity to update quickly in light of real-world conditions – are probably systems that are much more efficient. Efficiency will lower demand for energy and lower emissions.

A.I. WILL IMPROVE CLIMATE MODELING: Most humancaused changes in climate are rooted in how we use energy, in particular fossil fuels that generate carbon dioxide (CO2) when combusted. Thus, the changes discussed above - some leading to higher emissions, others to greater efficiency and lower carbon intensity atmosphere and accumulate. If the central message from the above discussion is that A.I. makes it possible for energy markets to reflect real-world conditions, and to be more efficient in matching consumer preferences with supplies, then there is no reason to believe that these more efficient markets will tackle the problem on their own.

A.I. WILL IMPROVE CLIMATE POLICY: Since the chief antagonist in the climate change story, CO2, has a long atmospheric lifetime, there is only a sluggish relationship between changes in emissions and accumulated concentrations; those concentration have a sluggish impact on the climate. Even if A.I. were part of some massive transformation in the energy system, the builtin inertia of that energy system, along with the inertia in the climate system, virtually guarantees that the world is in for a lot of climate change.

COMPACTION TECHNOLOGY

The Energy Sector has many micro devices and is rapidly adopting the Internet of Things (IoT). With the volume of data transacted globally in the Energy Sector the value of data compaction capability that shrinks, secures, and speeds data transmission on the blockchain is immense. This will not only significantly reduce the size of machinegenerated/IoT data, but also include built-in, ultralight security. Management believes that no other technology can consistently and significantly reduce the size of IoT data messages; even the most advanced data compression algorithms are generally ineffective for IoT data.

With highly versatile use cases in computing, satellite communications, and more, our mission is to become the universal standard in data transmission and storage. With the unique ability to effectively triple or quadruple existing network capacity with software, combined with a very small footprint, Compaction has the potential to reimagine how data is transmitted.

CrowdPoint's Blockchain Ecosystem brings business, technology (A.I. & Compaction), and everyday people together on a single, one-of-a-kind Exchange platform

BLOCKCHAIN TECHNOLOGY:

The Energy Sector is uniquely positioned to marry A.I. with everyday people. The Energy Sector licenses CrowdPoint's NexGen Blockchain in order to fuse vertical and horizontal transactions to remove constraints and identify optimal smart contracts. The directive for use in Energy is to make Blockchain accessible to Main Street but ensure Wall Street Capability. Our Blockchain adapts to the hierarchy and taxonomies of the Energy Sector that make more effective connections in context.

ENERGY SECTOR EXCHANGE SUMMARY OF ACCELERATION OPPORTUNITIES:

CrowdPoint's Blockchain Ecosystem contains an On this platform people and companies can safely Energy Exchange that is an assembly of e-Commerce conduct business and transfer information through Marketplaces. Our use of Big Data enables businesses the non-fungible DiD each member of the exchange and individuals to democratize their information and possesses. No more pop-ups, no more cookies tracing reveals future buying habits as non-fungible attributes your keystrokes; Big Data analytics now work for you instead of you working for Big Data purchasing to a Decentralized Identity (DiD). companies. You can take advantage of the dividends Using Artificial Intelligence, CrowdPoint will marry the CrowdPoint provides to further your business on the Energy and Utilities Sectors with everyday people to build Exchange. CrowdPoint's Blockchain Ecosystem leads the a safe, secure, and positive environment that will mimic way to a trusted, more profitable business experience.

the individual decision-making process. A.I. will assist in mapping hidden oil and gas deposits in mature fields and in discovering new, untapped reserves. A.I. will efficiently, in real time, note changes in consumer demand and transfer that data to suppliers leveling the supplydemand curve, reducing costs. A.I. can help companies regulate CO2 emissions noting real-world conditions in real time and predicting future effects. These predictions will assist companies and governments in developing future policies to mitigate climate change.

Along with A.I., CrowdPoint offers state-of-the-art Compaction technology to become the universal standard in data transmission and storage. This new, reimagined transmission of data will foster transparency never before experienced within all transactions. Transparency leads to trust in an untrusting world.

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