



BLOCKCHAIN FOR ENERGY

PIDX 2021 Virtual Spring Conference
An Innovative Road-Map for the Industry

What you need to know!

THE BASICS OF BLOCKCHAIN TECHNOLOGY

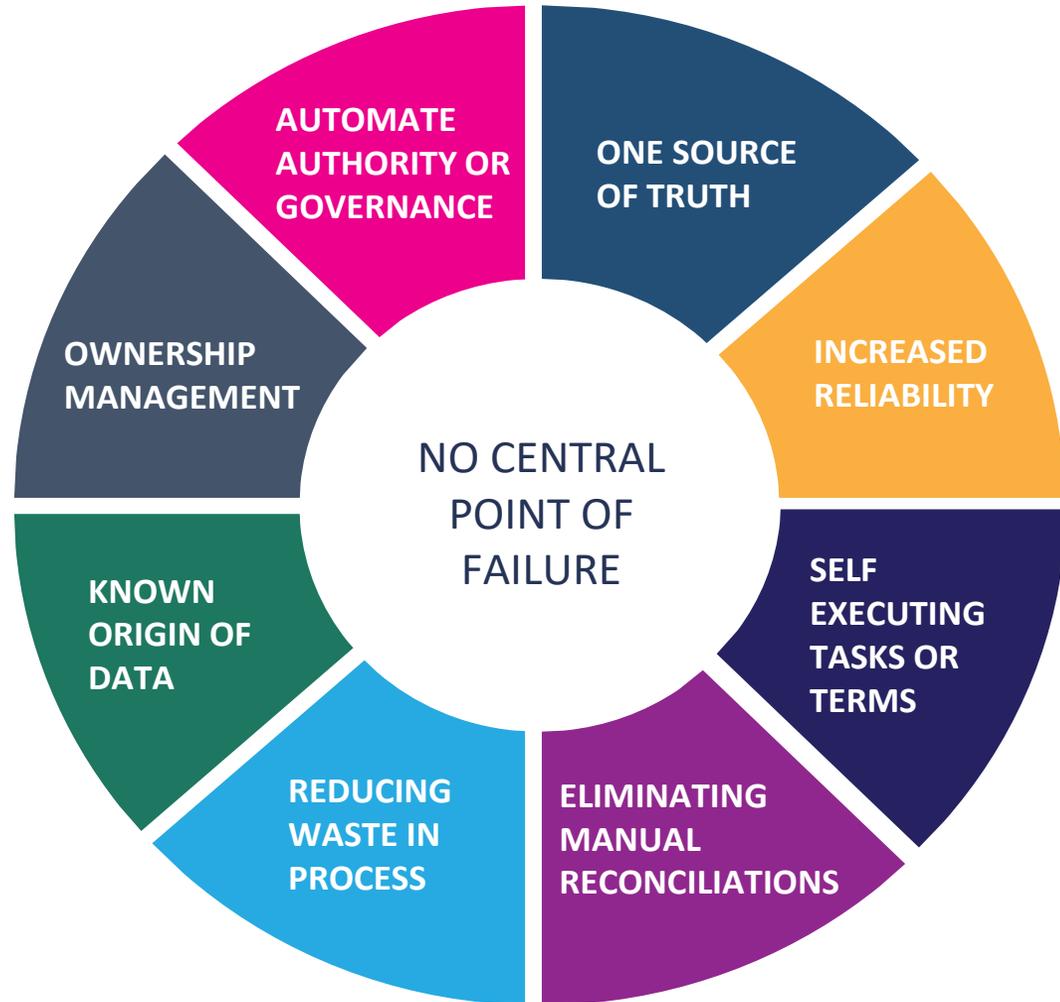
- Bitcoin and Cryptocurrency is not the only application of Blockchain technologies
- Blockchain is a backend technology and needs smart contracts and/or additional technologies mixed with it to create a robust solution
- A minimal viable ecosystem is vital to realize solid value for any one company therefore a consensus and industry participation is the best approach for blockchain use case development
- Standards boards like PIDX can help as blockchain solutions need new standard setting that are more around digital interoperability of different types of platforms and interaction of data exchange beyond XML

*The blockchain is like a distributed operating system,
applications are only limited by the creativity of the users*



BENEFITS OF BLOCKCHAIN TECHNOLOGIES

Blockchain Technologies Facilitate Trust between Parties



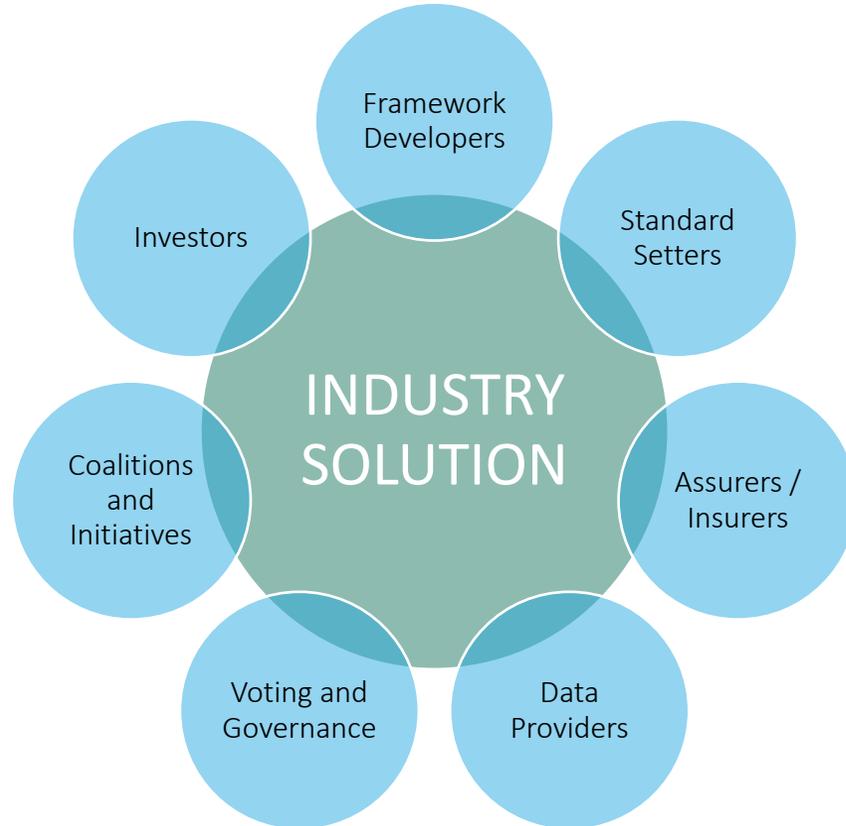
ALLOWS DIGITAL ASSETS TO BE TRANSACTED IN A NEAR REAL-TIME, IMMUTABLE MANNER

ALLOWS DIGITAL SMART CONTRACTS



An Industry Solution Must Welcome the Entire Ecosystem

PARTICIPANTS ARE VARIED AND ALL HAVE A ROLE



Source: World Economic Forum

MANY PARTIES ARE ALREADY WORKING ON THIS

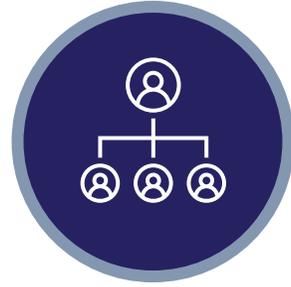
- There are a myriad of company-specific efforts underway within our organizations
- Generating better data is a common objective, as shown by initiatives
- Standards boards: PIDX, PPDM, Energistics etc.
- Government and regulatory agencies
- B4E regularly reviews and vets blockchain platforms and vendors
- Operators and Oilfield Vendors collaborating to create new processes



Blockchain Barriers



EDUCATION



CHANGE
MANAGEMENT



GOVERNMENT
REGULATIONS



DIGITAL
STANDARDS

The Energy Business Blockchain Ecosystem...it is starting here

CONSORTIUM TO LEARN, LEAD AND LEVERAGE BLOCKCHAIN SOLUTIONS



Creating a Seamless, Integrated Way of Working

Business is built on agreements

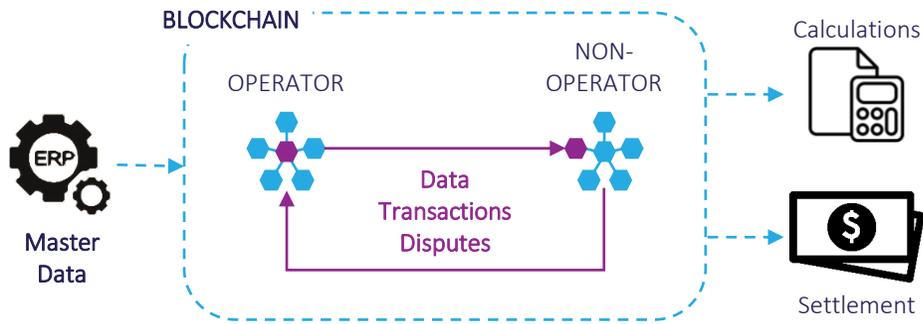
Blockchain is the digital conduit and Smart Contracts are the transformation catalyst

B4E consortium is the network facilitating industry R&D, adoption, and scalability of viable solutions using blockchain

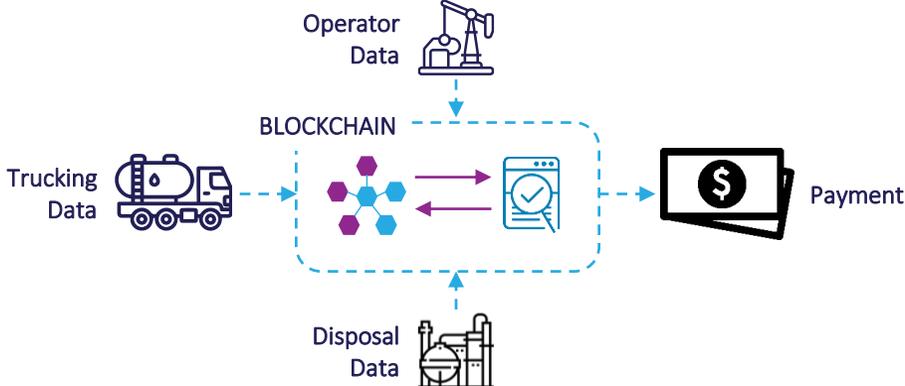


We Learn, Lead & Leverage through our Projects

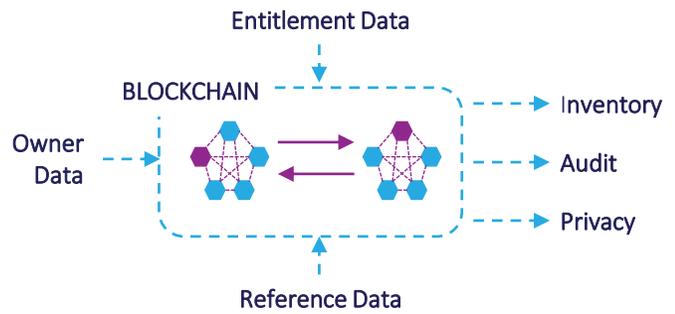
INTERGRATED JOINT VENTURE MANAGEMENT



COMMODITY TRANSPORT



SEISMIC ENTITLEMENT



ESG – WE CAN HELP



Currently accepting new members and sourcing projects

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