



Oil and Gas Smart Contracts Conference

May 15-16, 2019
Houston Marriott
Energy Corridor
Houston, TX

LEVERAGING AUTOMATION TO TRANSFORM CONTRACTS FOR OIL AND GAS

FEATURED SPEAKERS:



Raquel Clement

Production Operations Services
Category Manager
Chevron
and Board of Directors Member
OOC Blockchain Consortium



Darren Shelton

Quality Systems Director
Moran Shipping



Karn Sood

Business Development -
Connected Energy
Shell



Tucker Logan

Software Engineer
Sandia National Laboratories



Andrew Bruce

CEO
Data Gumbo



Daniel Carter

Investment Director
**Saudi Aramco Energy
Ventures**

Founding Sponsor:



Supporting Partner:



Innovation Partners:



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Co-organized by:



www.smartcontractsoilandgas.com

Blockchain is gaining momentum in the oil and gas industry and a necessary enabler for commerce across distributed ledgers is a Smart Contract. As oil and gas companies look for faster, more accurate and cost-effective transaction processes with less contract disputes and minimal human intervention, there is a clear paradigm shift towards blockchain-enabled industry networks. Assets, goods and services can be exchanged within these networks and the ability to seamlessly track these exchanges and ensure automated payment release is paramount. Smart Contracts will enable a reduction in the cost of payment transactions by as much as 30 percent. Join us on May 15th and 16th to get ahead of the game.

PROGRAM HIGHLIGHTS

- Hear **Shell** and **Chevron** discuss the future of Smart Contracts, opportunities for the oil and gas sector and how current implementation challenges can be overcome
- **CDEUS** and **Consensys Energy** will explore how practical applications of smart contract can be used in oilfield operations
- **Moran Shipping** will divulge key use cases including upstream through downstream via maritime commerce
- In an interactive workshop put on by the CEO of **Data Gumbo** (recently named Most Promising Energy and Clean Technology Company), you will learn first-hand how Blockchain and Smart Contracts can interact in a commercial ecosystem
- **Sandia National Laboratories** reveals the infrastructural and technical requirements to make Smart Contract deployment a reality

8 REASONS TO ATTEND:

1. Stay ahead of the innovation curve: learn how Smart Contracts will enable you to deliver **faster, automated transaction processes** with **less contract disputes** at the **lowest cost**
2. Understand the impact of **transformational technologies** on the oil and gas sector
3. Get to grips with the **legal, compliance** and **financial** landscapes
4. Network with the movers and shakers shaping the future of Smart Contracts
5. Meet the leading Smart Contracts solution providers with **niche, proven oil and gas expertise**
6. Deep dive into the **opportunities** and prepare for the **challenges** associated with Smart Contracts
7. Have your specific **infrastructural and technical** questions answered by our line-up of qualified industry experts
8. Attend the **post-conference interactive workshop** to visually experience the interaction of Blockchain and Smart Contracts



WHO SHOULD ATTEND THIS CONFERENCE?

Decision makers knowledgeable in blockchain for upstream, midstream and downstream, drilling & EPCs with the following areas of responsibility:

- CTO/CIO/CFO/Chief Innovation Officer/Chief Legal Officer
- VP/Head/Director of:
 - o Supply Chain
 - o Supply Chain Management
 - o Supply Chain Compliance
 - o Procurement
 - o Emerging Technologies
 - o Compliance
 - o Legal
 - o Finance
 - o Technology

In addition to:

- Consultancy and Training Firms
- IT Software
- Freight, Transportation and Logistics Providers
- eBusiness Partners

Sample Attendees From Those Events Included:

- **Category Lead, Contingent Labor** - Phillips 66
- **Director, Procurement** - Enterprise Products
- **Director, Supply Chain Compliance** - Encana
- **Lead Supply Chain Integrator** - UDW, Shell
- **Procurement Lead, US Marketing** - Phillips 66
- **Sr. Director, Supply Chain Services** - Calpine
- **Vice President, Supply Chain** - Fluor
- **CTO** - Precision Drilling
- **Finance Director, Performance Improvement** - Oxy
- **Finance Consultant, Emerging Technology** - ConocoPhillips
- **Technology Innovation Advisor** - ExxonMobil
- **General Manager Supply Chain Excellence** - Shell

Did you know?

50% of our Blockchain in Oil & Gas Canada Conference attendees said performance-based contracts are what they are most interested in.

WHO ATTENDS OUR CONFERENCES?

Energy Conference Network has had over 1,000 attendees at its previous events that focus on Supply Chain, Procurement and Blockchain, specific to the oil & gas industry including:





Raquel Clement
Production Operations
Services Category
Manager
Chevron
and Board of
Directors Member
**OOB Blockchain
Consortium**



Darren Shelton
Quality Systems
Director
Moran Shipping



Tucker Logan
Software Engineer
**Sandia National
Laboratories**



Andrew Bruce
CEO
Data Gumbo



Karn Sood
Business Development
- Connected Energy
Shell



Mark Waddleton
Supply Chain Advisor
Banyan Risk Group



Mike Alonso
Lead Solution Architect
Consensus Energy



Fabian Vera
Reservoir Engineer
CDEUS



Rob Ratchinsky
Founder and CEO
Engage Mobilize



Adam Blumberg
Co-Founder
ET Consulting



Claudio Man
President
Man Consulting



Daniel Carter
Investment Director
**Saudi Aramco
Energy Ventures**



Ron Dixon
Co-Founder
ET Consulting



- 07:15** Registration and coffee
- 08:00** **Chairman's welcome**
Andrew Bruce, CEO, **Data Gumbo**
- 08:15** **Opening panel discussion: The future of smart contracts for the oil and gas industry**
- What is a Smart Contract?
 - How corporations can benefit from Blockchains and smart contracts – eliminating third party intervention, achieving automation and reducing cost
 - Envisioning new smart contract enabled business models across the oil and gas industry
 - Current industry challenges – lack of industry buy-in, insufficient proven case studies and ineffective interoperability between stakeholders
- Karn Sood**, Business Development – Connected Energy, **Shell**
Raquel Clement, Production Operations Services Category Manager, **Chevron** and Board of Directors Member, **OOC Blockchain Consortium**
Daniel Carter, Investment Director, **Saudi Aramco Energy Ventures**
- 09:00** **Political Consensus: why the forefathers needed Blockchain**
Tucker Logan, Software Engineer, **Sandia National Laboratories**
- 10:00** Morning networking break
- 10:30** **Panel discussion: Real life case studies: practical applications of smart contract use in oilfield operations**
- Status of adoption of smart contracts across oil and gas supply chains
 - Case study examples – lessons learned
 - Long-term potential for the application of smart contracts for oil and gas: enhanced safety and compliance, improved order to cash cycles, efficient vehicle deployment
 - How can smart contracts reduce disputes and improve accountability between multiple parties?
 - Using smart contracts for fraud detection
- Mike Alonso**, Lead Solution Architect, **Consensus Energy**
Fabian Vera, Reservoir Engineer, **CDEUS**
- 11:30** **How smart is Blockchain?**
- General definition of smart contracts for enterprise blockchain solutions * Industry opportunities for optimization via blockchain
 - Use cases including upstream through downstream via maritime commerce
 - Single window regulatory application in blockchain context/comparison
 - Other relevant thoughts from an ops executive perspective on the future of blockchain for industry transformation
- Darren Shelton**, Quality Systems Director, **Moran Shipping**
- 12:30** Lunch and networking
- 1:30** **INTERACTIVE DISCUSSIONS**
- In small groups you will have the opportunity to brainstorm some of the most cutting-edge and challenging topics relating to Smart Contracts – from design to implementation. Have your key questions answered and develop forward-thinking strategies with your peers and our onsite experts.
- 2:30** Afternoon networking break
- 3:00** **Legal insight: the law and legality of smart contracts**
- Key contract law principles and their application to smart contracts in an oil and gas environment
 - Legal perspective: can smart contracts exist outside the current legal structure?
 - Analysis of the most common smart contract legal scenarios, risks and complexities
 - How will legal principles limit the freedom of smart contracts?
 - Forecasting future changes to the legal landscape
- 4:00** **Panel discussion: towards the adoption of smart contracts: where to we want to be and what do we need to do?**
Claudio Man, President, **Man Consulting**
- 4:45** Chairman's close and end of day one

- 07:15** Registration and coffee
- 08:15** Chairman's welcome
Andrew Bruce, CEO, **Data Gumbo**
- 08:30** **Practical insight: smart contracts and workflow automation**
- How to reach the ultimate end goals: reduce days sales outstanding, drive efficiencies through reduced manual checks, increase security of loads, improve workflow and reduce working capital costs
 - Assessing challenges at an operational level: data breaches, legal grey areas, inadequate risk management and poor system interoperability
 - Current oil and gas industry inhibitors: lack of industry standards and inadequate stakeholder buy-in
- Mark Waddleton**, Supply Chain Advisor, **Banyan Risk Group**
- 09:30** **Strategies to drive industry adoption of smart contracts**
- Industries that are leading the way and how they've been successful getting traction
 - Establishing smart contract standards to fuel large-scale adoption
 - Business-ready methods of reaching consensus
 - Contract templates with the industry's stamp of approval
- Adam Blumberg**, Co-Founder, **ET Consulting**
Ron Dixon, Co-Founder, **ET Consulting**
- 10:30** Morning coffee and networking
- 11:00** **Innovation spotlight 1**
Rob Ratchinsky, Founder and CEO, **Engage Mobilize**
- 11:20** **Innovation spotlight 2**
- 11:40** **Scenario modelling: What happens when IoT meets Smart Contracts?**
- Bridging the gap between physical events and their digital twin
 - Implementing trusted oracles with smart devices
 - Paperless logistics, Change of custody, Product provenance – a few ways IoT and Blockchain are transforming supply chains
 - Challenges to implementing autonomous business transactions: security, scalability and interoperability
- 12:20** Chairman's summary
- 12:30** Lunch and networking
- 1:30** **Workshop: Smart Contracts and Blockchain in action**
- This session is designed to allow attendees to interact with a blockchain network using example smart contracts and a distributed ledger. This workshop will simulate how Data Gumbo blockchain network participants can interact in a commercial ecosystem.
- Participants will form teams to represent companies on the blockchain network
 - Teams will be assigned a node on the network and a tutorial on node basics
 - Pre-defined business interaction scenarios will be discussed and contract templates for these scenarios will be made available
 - Participants will be able to interact with the Data Gumbo Data Flow and Smart Contract system. The workshop will demonstrate how edits can be made to a contract with full traceability on the blockchain
 - The ease in which your team's contract terms can be encoded into a Smart Contract on the Data Gumbo blockchain will be demonstrated. Teams will be able to edit their contract terms in the Smart Contract code
 - A simulated feed of digital data will mimic how IIoT (Industrial Internet of Things) devices can be utilized as the oracle for events and measurements occurring in your business scenario
 - The Smart Contract will execute its logic against the data feed using the parameters each team has configured and demonstrate how calculated outcomes are posted to the Data Gumbo blockchain
 - Teams will be able to view their transaction ledger for their node and the associated artefacts that are posted to the blockchain: raw data, smart contract code, pdf outputs
- 4:30** End of conference

WHY SPONSOR THE OIL & GAS SMART CONTRACTS CONFERENCE?

This event offers the opportunity to showcase your solutions to one of the fastest growing concerns in the oil and gas sector. In the current market conditions process optimization and cost savings are a high priority and this conference will allow top level decision makers to survey their technology options.

SEVEN benefits you can expect when you sponsor the Oil & Gas Smart Contracts Conference

<p>1.</p>	<p>2.</p>	<p>3.</p>
<p>You will meet with prospects at the operational & C-suite level - we ensure you get one-on-one access to frontline professionals and executives at the same time. This way you will interact with the key decision makers that control budgets and sign off on important investments like your products and services.</p>	<p>You will get dynamic online brand exposure – from online logo displays and social media announcements to onsite booth & banner setups, we communicate your brand in a consistent manner in the lead up to conferences and onsite.</p>	<p>You can set up meetings with your prospects before the conference - through our powerful communication platform, Bizzabo, you can check out the attendee list and arrange meetings in advance.</p>
<p>4.</p>	<p>5.</p>	<p>6.</p>
<p>You get the chance to share your insights – several of our sponsorship packages offer you the opportunity to speak and share insightful presentations. This is a fantastic way to deliver true value to prospects. Case studies enable you to inform and educate delegates, but at the same time demonstrate the innovative capabilities of your solutions.</p>	<p>You will engage in meaningful conversations with other experts – interacting with peers on panel discussions enables you to provide a unique perspective on highly topical issues relevant to delegates. Panel discussions are a powerful form of thought leadership and often lead to meaningful conversations and new business relationships.</p>	<p>You will network with the right people at the right time – networking is the key to connecting with prospects and triggering long-term business opportunities. In a professional but relaxed setting, there are multiple networking breaks (including the main lunch session) where you can sit down with delegates, understand their pain points, and create engagement that leads to new and continued business.</p>
<p>7.</p>	<p>For those interested in sponsoring please contact: Symon Rubens t: 832-709-0098 e: symon.rubens@energyconferencenetwork.com</p>	
<p>You will forge long term business relationships across multiple industries – our conferences are respected forums across multiple industries, which means you are not restricted to engaging with prospects in just one industry. You can establish commercial relationships that align with your various and product offerings.</p>		

At the Energy Conference Network, we work hard to ensure all conferences deliver the best possible value to our delegates and our commercial partners alike. Our sponsorship packages have been designed to not only get you in front of decision makers, but to enable you drive continued business by facilitating networking opportunities thereby allowing you build lasting relationships with key institutions.

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DELEGATE DETAILS

Mr Mrs Ms Other

First Name: Tel:

Last Name: Mobile:

Job Title:

Email:

Register online at:
www.smartcontractsoilandgas.com

Are you a member of ISM-Houston? You get a 30% discount! To claim, contact: symon.rubens@energyconferencenetwork.com

Ticket	Early Bird Price (ends March 29)	Full Price (begins March 30)
Oil & Gas Company Registration <small>This ticket is for E&P, Midstream, Downstream, Drilling, Oil Service and EPC companies only</small>	\$495	\$595
Solution Provider/Consultant/Others Registration <small>This ticket price is for solution providers, consultants</small>	\$195	\$1295
Attending Sponsor <small>Includes a ticket to the conference, as well as company branding on all marketing materials (pre-event and onsite)</small>	\$1695	\$1795
Student Registration <small>You must be a FULL TIME student and register with your .edu email. Please bring your valid student ID to the registration table when checking in</small>	\$295	\$395

Your conference ticket includes full access to the conference, exhibitors, lunch and refreshments during networking breaks; it includes available speaker presentations (PDF) for download only.

TERMS & CONDITIONS

Payment by invoice will incur a UDS\$50 administration fee

Payment Terms

Payment is due in full by credit card upon completion of this registration form. By completing this registration form you agree to Energy Conference Network charging your credit card for the amount stated above and you agree to pay Energy Conference Network the price to secure your conference ticket. Your registration will not be confirmed until payment has been made by credit card and cleared funds are received in full. Admission to the conference will be refused if payment has not been received.

Cancellation and Substitution Policy

Cancellations must be received in writing and we do not offer refunds once payment has been made. If the cancellation is received more than 14 days before the conference, attendees will receive a full credit to a future conference. Cancellations received 14 days or less (including the fourteenth day) prior to the conference will be liable for the full fee. A substitution from the same organization can be made at any time in writing at no extra charge. If Energy Conference Network cancels a conference, payments received at the cancellation date will be credited towards attendance at a future conference or in the event of postponement by Energy Conference Network, towards the rescheduled date. Credit notes remain valid for twelve months.

Changes to Conference and Agenda

Energy Conference Network reserves the right to postpone or cancel an event, to change the location or alter the advertised speakers for an event. Energy Conference Network is not responsible for any loss or damage as a result of substitution, alteration, postponement or cancellation of an event due to causes beyond its control including without limitation, acts of God, natural disasters, sabotage, accident, trade or industrial disputes, terrorism or hostilities. In the event that a conference is cancelled, Energy Conference Network is not liable for any costs incurred by delegates in connection with their attendance.

Occasionally it is necessary for reasons beyond our control to alter the content and timing of the program, venue or the identity of the speakers without any liability to the delegates. Changes to the agenda will be updated on our website as soon as possible.