



North American O&G Transition Summit 2026

Oct 27-28, 2026 | 2712 Southwest Freeway | Houston, TX, USA 77098

Transforming North America's Oil & Gas Landscape with Decarbonization and Digital Intelligence

3 ways to
register

www.ptnevents.com/conferences/north-american-transition
info@ptnevents.com | +1 417 479 2573



Day 1
Tuesday, Oct 27, 2026

Sponsored Sessions Booked Sessions Available Sessions

07:00

Registration & Refreshment Networking

09:00

Reconnecting AI to Reality: How Process Analyzers Enable the Intelligent, Flexible and Low-Carbon Refinery

- Real-Time Measurement as the Foundation for Trustworthy AI – Continuous analyzer data provides the verified physical signals modern machine-learning systems lack. This reduces drift, constrains model overreach and ensures AI operates within true, observed process boundaries rather than assumptions.
- Closing the Loop Between DRL, Predictive Models and Live Plant Conditions – By integrating Modcon.AI with dynamic models, reinforcement-learning frameworks and high-fidelity analyzer streams, refineries unlock adaptive, safer and more responsive process control in environments too complex for static optimization alone.
- Turning Predictions Into Operational Evidence – When AI recommendations are tied directly to measured hydrocarbon composition and quality, operators gain actionable, auditable insights that improve efficiency, enhance product consistency, lower emissions and strengthen the pathway to a digital, flexible, and carbon-neutral refinery.

Gregory Shahnovsky
President & CEO, **Modcon Systems Ltd**

09:30

Available Session

10:00

Session Title: Confirmation in Progress

- Session details along with key topics will be updated soon
- Title - 2

Tihomir Kezic
BV M&O Operational Excellence Director, **Bureau Veritas Marine & Offshore**

10:30

Transforming the Oil & Gas Industry with AI: Insights from Nandan Mishra

- Prognostic Health Management and Predictive Maintenance.
- Video Analytics for Safety SOPs Monitoring.
- ESG Intelligence and Compliance.

Nandan Mishra
Founder & Chief Executive Officer, **Algo8 Europe**

11:00

Seawater-Based Hydraulic Fracturing: A Scalable Solution to Freshwater Stress in Global Oil & Gas

- Reducing Freshwater Dependency: Using seawater as a base fluid for hydraulic fracturing can significantly cut freshwater consumption, especially in water-stressed and mature basins where clean source water remains a major constraint.
- Proven, Patent-Protected Technology: Seawater fracturing is supported by an extensive global patent portfolio and builds on decades of oilfield experience, with successful precedents in EOR operations by operators such as Aramco and ONGC.
- Economic and Sustainability Upside: Large-scale seawater sourcing and transport (e.g., pipelines) can be cost-competitive, reduce long-term environmental impact, and provide a practical path toward more sustainable unconventional development worldwide.

11:30

Governing AI in Safety-Critical Energy Systems

- AI is moving rapidly from analytical support to operational influence across oil and gas, expanding decision authority and accelerating system response.
- In safety-critical environments, intelligent systems amplify operational exposure – requiring governance, resilience, and capital architecture to scale proportionally.
- Grounded in the principle of alignment before amplification, this session examines how energy leaders can align AI deployment with disciplined risk architecture and executive accountability.

Natasha Dowling
Strategic Advisor | Energy & Utility Infrastructure,

LUNCH AND NETWORKING BREAK

12:00 (1 Hour)

13:00

Session Title: Confirmation in Progress

- Session details along with key topics will be updated soon
- Title - 2

Sameer Khan
Digital Transformation Leader, **ExxonMobil**

13:30

Available Session

14:00

Available Session

NETWORKING BREAK

14:30 (30 min)

15:00

The Future of Energy: Decentralization, Decarbonization, and Digitalization with Eduardo Rodriguez

- Challenge: Decarbonize Oil & Gas for Net Zero.
- Solution: DLT Green Bonds & Carbon Trading.
- Process: DLT Capital Markets.

Eduardo Rodriguez Jr
President & Director, **FlatStone Capital Advisors Inc**

15:30

Available Session

END OF DAY 1

Day 2
Wednesday, Oct 28, 2026

Sponsored Sessions Booked Sessions Available Sessions

07:00

Registration & Refreshment Networking



09:00

Available Session

09:30

Available Session

10:00

Session Title: Confirmation in Progress

- Session details along with key topics will be updated soon
- Title - 2



Arthi Vasudevan
Senior Product Manager, **Baker Hughes**

10:30

Leverage circularity in Discrete Manufacturing for Decarbonization of Production and Sustainable Products

- Manufacturing by definition is a carbon intensive and resource hungry process. However, it is possible to build more sustainable products by adopting the principles of circular economy
- As virgin materials get more scarce and thereby expensive, material stewardship and reuse across higher value retention loops like remanufacturing and refurbishment becomes a handy tool to drive up profitability in the upstream supply chain
- Harvesting parts for reuse also helps in decarbonization. When parts are harvested at end of use, upstream scope 3 emissions can be greatly reduced for each participant of the value chain



David Sonnenschein
Vice President, SAP Sustainability Engagement, SAP New Ventures and Technology, **SAP**



11:00

Fireside chat with Tanay Tiwary, Head - Business Process Transformation & Master Data Mgmt from Puma Energy

- Session details along with key topics will be updated soon
- Title - 2



Tanay Tiwary
Business Process Transformation, **Puma Energy**



11:30

Available Session

LUNCH NETWORKING BREAK

12:00 [1 Hour]

13:00

Available Session

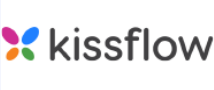
13:30

Digital Transformation in the Oil and Gas Industry - A roadmap

- All industries and functions are undergoing digital transformation, and Oil and Gas too is undergoing big changes due to cost drivers, the move towards green energy, and global economic trends.
- Digital Transformation in today's context is using the latest digital technologies to derive 2X to 10X benefits.
- This is in a new and volatile changing era, which involves deep use of insights, citizen-developed digital solutions / No-Code tools.



Mohan Madhurakavi
Chief Evangelist Digital, **Kissflow**



14:00

Human-AI Collaboration & Cognitive Interface

NETWORKING BREAK

14:30 [30 min]

15:00

From Tubulars to Transformation: Digitalizing Supply Chain and Surplus Management

- Tubestream – Streamlining supply chain and contract management through digital collaboration
- Pipesales – Turning surplus tubulars into valuable, sellable assets
- Cross-Departmental Synergy – How collaboration powers digital adoption and ROI
- Future Outlook – Toward a fully connected supply chain ecosystem through customer integration



Ketut Wiryadi
Chief Commercial Officer, **Marubeni-Itochu Tubulars Oceania Pty Ltd**



15:30

Energy Transformation and Growth: Reliability, Market Shifts, and Demand-Driven Recovery

- Canadian oil exports to the U.S. increase, Permian gas prices stay depressed, gas-electric market coordination improves.
- Reliability forces the system to cope while regional hubs regain importance.
- NGL production continues to grow, dry gas basins regain competitiveness, LNG and power demand improve economics,
- Export demand along with crackers supports market recovery.



Charles McConnell
Executive Director, Carbon Management and Energy Sustainabil, **University of Houston**



END OF DAY 2