International Association of Oil & Gas Producers

DESSI Programme

Shaping Safer Operations with Vision-AI: Introducing IOGP Report 816



16 November 2026 | Time: 12:30 UTC | 90 mins

Exploring IOGP Report 816: practical guidance built from member companies' experience to help organizations on responsible and effective use of Vision-AI for HSSE applications.

Why attend?

Vision-AI has emerged as a powerful tool to help organizations identify risk, strengthen situational awareness, and support safer operational decisions. Yet unlocking its full value requires more than technology alone.

IOGP Report 816 – *Vision-AI guidelines for HSSE applications* brings together collective experience, insights, and lessons learned from Member Companies providing a practical framework for implementing Vision-AI in HSSE applications. The publication - first initiative progressed in the Digitally Enabled Safer Sites Initiative (DESSI) programme - establishes a common industry approach that helps organizations move from experimentation to sustainable deployment with confidence and at speed.

Join industry Vision-AI leaders to discover how organizations can successfully introduce, embed, and continuously improve artificial intelligence capabilities while building workforce trust, strengthening leadership engagement, and keeping people at the center of safety.

The webinar will explore how Vision-AI can complement human expertise, enhance risk recognition, support informed decision-making, and create new opportunities for learning and operational improvement.

What you'll take away?

- Understand the vision and industry value behind IOGP Report 816.
- Learn how leading organizations are approaching Vision-AI implementation in HSSE.
- Explore the critical enablers for success, including leadership, governance, workforce engagement, and trust.
- Discover practical lessons learned from member companies' real-world experience.
- Identify opportunities to accelerate adoption and strengthen safety outcomes through a common industry approach.

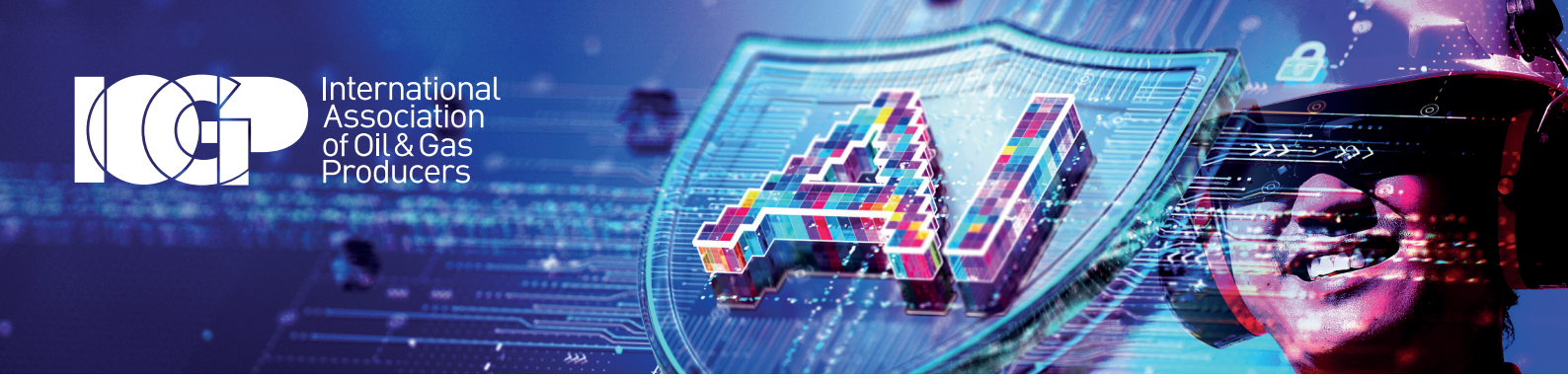
Who should attend?

HSSE leaders, operational leaders, digital transformation professionals, technology specialists, Vision-AI practitioners, and anyone interested in advancing the safe and responsible use of AI across the energy industry.

Discover how industry experience is being transformed into practical guidance, and how Vision-AI can help strengthen the partnership between people, technology, and safer operations.

"The true value of Vision-AI is not in replacing human expertise, but in helping people see risks sooner, make better-informed decisions, and strengthen the barriers that keep work safe." **Luca Decarli**, IOGP Safety Committee Chair

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Outline agenda

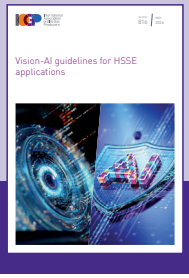
Time [UTC]	Item	Presenter
12:30-12:35	Welcome	**Luca Decarli**, IOGP Safety Committee Chair, Senior Process Safety Knowledge Owner Upstream, Eni
12:35-12:40	Message from Leadership	**Angelo Spingardi**, IOGP Board Member, Director - Health, Safety, Environment & Quality, Saipem
12:40-12:55	Introducing IOGP's Responsible use of AI Framework	**Chris Leinweber**, Responsible use of AI EG Chair, Product Manager – Data, Analytics, and AI, Chevron
12:55-13:25	IOGP Vision-AI guidelines for HSSE applications	**Farid Akbari**, DESSI Vision-AI EG Member, Head of Department – Group HSSE, OMV **Joel Sherman**, DESSI Vision-AI EG Member, Information and Digital Technology Advisor, Shell
13:25-13:45	Vision-AI guidelines - implementation journey. Sharing early adoption insights by Saipem, TotalEnergies and Shell	**Jacopo Moretti**, DESSI Vision-AI EG Member, HSEQ R&D and HSEQ AI Catalyst, Saipem **Stephen Haik**, DESSI Vision-AI EG Member, Business Product Owner for Vision-AI, Shell **Michael Offredi**, DESSI Vision-AI EG Member, Global Head of Digital transformation & AI for Occupational Safety, TotalEnergies
13:45-14:00	Q&A Session	**Farid Akbari**, DESSI Vision-AI EG Member, Head of Department – Group HSSE, OMV **Joel Sherman**, DESSI Vision-AI EG Member, Information and Digital Technology Advisor, Shell

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For more information: lks@iogp.org

IOGP Report 816

Vision-AI guidelines for HSSE applications



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IOGP Report 817-1

IOGP's Principles for Responsible use of AI with guidelines for implementation



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