

Asset Management – Cessation of Production to Decommissioning

Alliance Partners Endeavor Management and ISCT™

endeavoreag.com

isctgroup.com

Endeavor is a leading oil and gas consultancy providing technical and business support to energy companies globally. ISCT™ and Endeavor have signed an alliance agreement to offer Endeavor's top talent and experience in oil and gas with ISCT's process stream measurement and chemical solutions groups. A key focus for the alliance is the inclusion of mercury and hazardous materials assessments and distribution studies into decommissioning preplanning of FPSOs, and other E&P assets to support subsequent phases of decommissioning. Produced mercury and other volatile metals result in risk to process, personnel, and the environment, and can also negatively impact decommissioning costs and schedules if not assessed and characterized prior to cessation of production (COP). The alliance partners provide a range of services including the following:

- Field development and concept selection
- Capital project support
- Review and develop operating and decom strategies
- Project and process audits
- Portfolio evaluation
- Exploration and planning support
- Final investment decision
- Technology market research
- Project management
- Mercury and volatile metals process stream measurements (ISCT™ M4)
- Material testing and metals loading, speciation and chemical reduction studies
- FPSO and production platform MRU performance evaluations
- Chemical solutions for mercury contaminated hydrocarbon systems ([ISCT™ 400 series](#))
- On-site chemical performance measurements of decontamination fluids plus surface analysis baseline and post verification

Innovative technology and methods are now available for decommissioning projects. It is important to understand the impact of produced mercury and hazardous materials throughout an asset's operation. However, many global assets have not been assessed prior to COP. On a positive note, the industry and regulators are becoming more aware of hazardous materials in decommissioning and are searching for ways to responsibly deal with these materials.



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