Local Content Monitoring with AI Training Course: Supplier Data, Spend Tracking and Evidence Checks

5 – 9 September 2027
Kuala Lumpur

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Ref: 778_36921 **Date:** 5 – 9 September 2027 **Location:** Kuala Lumpur **Fees:** 4000 GBP

Programme Summary

Local content monitoring with AI is the subject of this one-week training course for procurement, supplier development and reporting managers at managerial level, ending in a local content monitoring plan for one programme. Many organisations report local spend from records that nobody has tested, so figures and evidence files can disagree. The programme moves from the measures and supplier data to diagnosis of spend gaps, then to tracking rules and evidence checks, and finally to a plan that a steering group can adopt. Mars Training Centre UK delivers this programme on local content monitoring with AI to mixed-organisation cohorts.

The Business Case

Operators, contractors and public bodies in energy and construction must show how much of their spending reaches local suppliers and prove it with documents. Machine-assisted tools can classify spend, match supplier records and flag missing evidence, but they can also mislabel suppliers and hide the reason for a flag. Managers who test these tools against their own records can report with more confidence and direct support to the suppliers that need it.

- Local Spend Visibility: Improves as spend is classified consistently and linked to verified supplier records.
- Evidence File Quality: Rises as missing or mismatched documents are caught before reporting.
- Reporting Cycle Time: Shortens as routine checks follow rules and only exceptions need review.

Principles and Evidence Base

- ISO 20400 Sustainable Procurement Guidance: Addresses supplier selection and monitoring within procurement practice, applied in Sessions 1 and 3 to supplier data and checks.
- ISO 20400 Supply Chain Practice Guidance: Addresses how organisations work with their suppliers over time, applied in Session 4 to supplier progress tracking.
- ISO/IEC 42001 AI Management System: Sets expectations for controlling AI tools used in organisations, applied in Session 4 to the classification and matching tools.

Intended Participants

- Procurement managers who classify and report spend with local suppliers.
- Supplier development managers who track the progress of local suppliers.
- Reporting managers who assemble figures and evidence for senior review.
- Contract managers who hold the documents that support reported spend.

Typical settings include oil and gas, construction and public-sector procurement.

Learning Outcomes

1. Participants will be able to evaluate which monitoring tasks suit machine support.
2. Participants will be able to diagnose gaps and errors in supplier and spend records.
3. Participants will be able to construct tracking rules that classify local spend consistently.
4. Participants will be able to design evidence sampling and exception handling.
5. Participants will be able to prioritise suppliers for development support.
6. Participants will be able to justify a monitoring plan and its safeguards to a steering group.

Programme Structure

Day 1: Local Content Monitoring with AI and the Supplier Data

Which monitoring tasks can data support, and which need human judgement?

- Local Content Measure Map
- Supplier Master Record Check
- Spend Category Mapping
- AI Task Suitability Grid
- Human Judgement Boundary Sheet

Day 2: Diagnosing Spend Gaps and Data Weaknesses

Where do the records misstate local spend, and why?

- Local Spend Classification Review
- Supplier Status Mismatch Scan
- Spend Concentration Chart
- Missing Evidence Log
- Misclassification Bias Check

Day 3: Spend Tracking Rules and Evidence Checks

How is spend tracked, and how are documents tested?

- Tracking Rule Specification
- Evidence Sampling Plan
- Document Matching Rule
- Exception Queue Design
- Verification Threshold Table

Day 4: Supplier Progress and Tool Controls

How is supplier progress followed, and how are the tools controlled?

- Supplier Development Tracker
- Capability Gap View
- Reporting Pack Layout
- ISO 20400 Monitoring Mapping
- ISO/IEC 42001 Control Mapping

Day 5: Local Content Monitoring Plan for One Programme

Do the earlier tools combine into one plan that a steering group can adopt?

- Applying the Session 1 Local Content Measure Map
- Testing the Session 2 Spend Concentration Chart
- Checking the Session 3 Verification Threshold Table
- Rehearsing the Session 4 Reporting Pack Layout
- Completing the Local Content Monitoring Plan

Methodology

The programme uses case analysis built on prepared files for two programmes, one in an energy operator and one in a construction contractor, each with a supplier list, spend ledger extracts, contract files and sample evidence packs. Participants work in small groups, test classifications against the documents, and defend tracking and sampling rules to peers acting as members of a steering group.

- Suggested activity: Tracing three misreported spend lines to their causes and naming the missed signal.
- Suggested activity: Adjusting a sampling plan and judging the effect on the exceptions found.
- Suggested activity: Reviewing a sample classification and deciding whether a person should override it.

Capstone Output

Each participant completes a local content monitoring plan for one programme. It holds a measure map, a spend gap reading, tracking rules, an evidence sampling plan, a supplier progress view and a tool control note. The plan is used at work to brief a steering group and agree duties with contract owners.

Frequently Asked Questions

Is a course on local content monitoring with AI suitable for managers without a data background?

Yes. Local content monitoring with AI is taught through prepared files and templates. It assumes experience in procurement, supplier development or reporting, but no coding.

Which standards does local content monitoring with AI rest on?

Local content monitoring with AI rests on ISO 20400 guidance for sustainable procurement and on ISO/IEC 42001 for the control of AI tools.

How is the plan from local content monitoring with AI used at work?

You use the local content monitoring plan to brief your steering group, agree duties with contract owners and set the rule for which classifications a person must review.

How does local content monitoring with AI differ from a local content policy course?

Local content monitoring with AI concentrates on tracking, testing and reporting supplier spend with data tools, while a local content policy course concentrates on setting targets and supplier rules.