



Energy | AI Readiness | Technology Adoption |

UP-AIR™ by UK Petroleum Co. Ltd

UP-AIR™

AI Readiness Assessment & Roadmap Catalogue

For energy organisations preparing for practical,
governed and commercially responsible AI adoption.

01 Assess

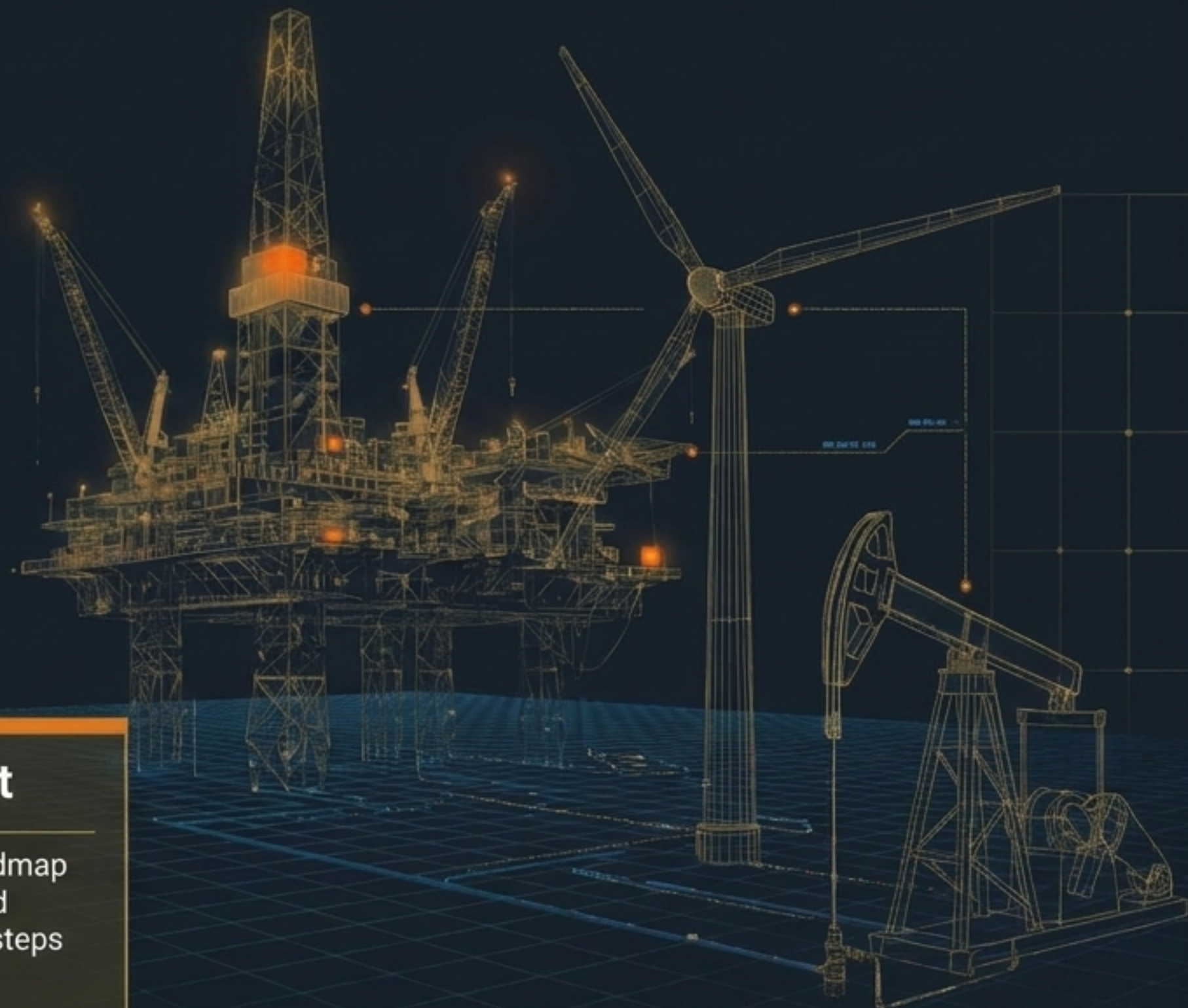
Readiness, gaps, risks
and route selection.

02 Prioritise

Use cases, data
readiness and
management
decision needs.

03 Support

Workshops, roadmap
coordination and
controlled next steps
where agreed.



info@ukpetroleum.com | +44 20 3355 2039 | +44 20 3355 5440
www.ukpetroleum.com

EXECUTIVE CATALOGUE

From AI interest to a controlled first decision

This catalogue explains how UK Petroleum Co. Ltd helps energy-sector organisations move from general AI interest to a structured first decision: proceed, pause, prepare, or escalate to a deeper diagnostic. It separates assessment from post-assessment support so the client can understand what is included, what requires separate agreement, and when vendors or specialist partners may be needed.

1 Is there a practical AI opportunity?

Identify where AI may support operations, maintenance, reporting, forecasting, emissions, document workflows, market intelligence or internal productivity.

2 Is the organisation ready enough?

Review whether the client has sufficient data visibility, system maturity, internal ownership, governance awareness and leadership alignment.

3 Which route should be taken next?

Clarify whether the next step should be management review, data preparation, a use-case workshop, vendor readiness work or controlled pilot-scoping.

1 Professional boundary

The service starts with assessment. Assessment pricing does not include workshops, pilot delivery, vendor work, implementation, engineering approval, cybersecurity implementation, legal advice, financial advice or guaranteed outcome.

Roadmap and post-assessment support are separately agreed unless expressly included in an Enterprise Strategic proposal.

2 What this fixes

- Where should AI start – and where should it not start?
- Avoid premature software, vendor or pilot decisions.
- Separate assessment, roadmap, workshops, partner engagement and implementation-launch support.

From interest to informed decision.

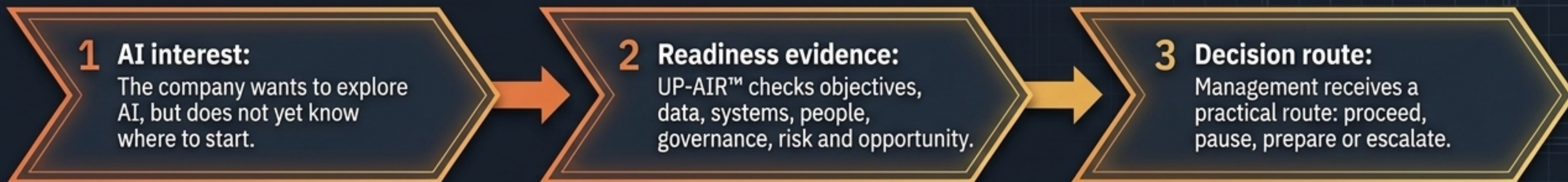
Many organisations know AI has potential. Fewer know where to begin. UP-AIR™ provides a structured pathway from initial interest to a practical management decision.



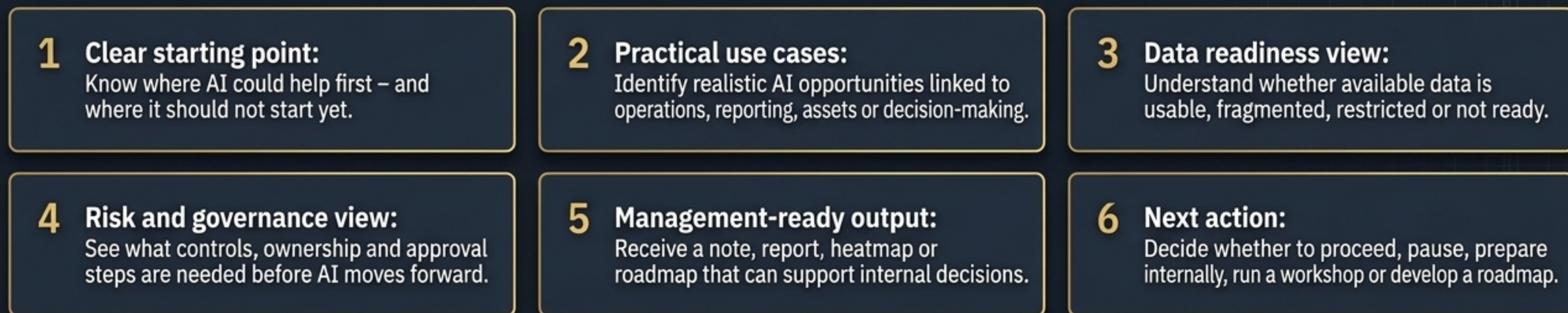
The result * Greater confidence in AI decision-making. * Prioritised opportunities based on business value. * Clearer understanding of organisational readiness.

What companies get from a UP-AIR™ assessment

A simple explanation: the assessment turns general AI interest into a clear management, business and operational decision.



What the company achieves. Structured clarity before spending money on AI tools, vendors or pilots.



In plain language. UP-AIR™ helps a company understand the business and operational problem, the data, the people, the risk and the right next step before it buys AI software or starts a pilot.

Why organisations choose UP-AIR™.

UK Petroleum Co. Ltd provides an independent, structured AI Readiness Assessment for energy-sector organisations. The role is not to sell AI software or promote a specific supplier. The role is to help management understand readiness, value, barriers and the practical next step before significant investment is made.

Independent and vendor-neutral

Recommendations are based on business objectives and operational context.

Energy-sector focus

Designed for oil and gas, LNG, refining, petrochemicals, utilities, renewables and energy services.

Practical management recommendations

Clear findings, prioritised opportunities and next-step options.

Structured methodology

UP-AIR™ provides a consistent and evidence-based assessment approach.

Fixed scope and deliverables

Clear objectives, outputs, timescales and route boundaries.

Executive-level reporting

Business language designed for management and decision teams.

Implementation-neutral

Identifies where AI could create value without promoting one software vendor.

Clear next-step options

Each route ends with a practical decision: proceed, prepare, redesign or wait.

Objective: help organisations make informed AI decisions before significant time, cost or technology investment is committed.

Why organisations appoint UK Petroleum Co. Ltd.

UK Petroleum Co. Ltd combines an independent, vendor-neutral assessment approach with a dedicated focus on energy-sector decision-making. The objective is to help management establish where AI can create value, what must be prepared first, and which route should be taken before significant investment.

Independent assessment:

Findings are based on the organisation's objectives, evidence and operational context—not on selling a software platform.

Energy-sector focus:

Designed for oil and gas, LNG, refining, petrochemicals, utilities, renewables and energy services.

Proprietary UP-AIR™ method:

A structured and repeatable framework covering leadership, process, data, technology, governance, risk, people and opportunity.

Executive decision support:

Outputs are written in clear management language to support prioritisation, investment sequencing and responsible next steps.

Fixed scope and boundaries:

Each route defines what is included, what is excluded, the expected output and when separate specialist work may be required.

Practical recommendations:

Recommendations identify what should proceed, what needs preparation, what should be redesigned and what should wait.

Implementation-neutral:

UK Petroleum Co. Ltd does not sell AI software. Technology choices follow readiness, business value and risk assessment.

Clear route forward:

The engagement ends with a practical next-step route: further assessment, workshop, training, roadmap or pilot-readiness support.

Our objective: help energy organisations make informed AI decisions before committing significant time, budget or technology investment.

Eight readiness pillars for energy-sector AI adoption.

UP-AIR™ is the UK Petroleum AI Readiness Framework™. It interprets AI readiness through eight harmonised areas so the client can see whether the limitation is strategic, operational, technical, governance-related or commercial.

01 Leadership

Executive sponsorship, decision ownership, budget direction and strategic alignment.

02 Process

Operational workflows, reporting routines and change readiness.

03 Data

Availability, quality, history, ownership, accessibility and governance of operational and business data.

04 Technology

Core systems, ERP, SCADA, CMMS/EAM, APIs, cloud position and integration readiness.

05 Governance

Policies, approvals, data protection, records, accountability and management controls.

06 Risk

Cybersecurity sensitivity, safety-critical constraints, compliance exposure and operational risk.

07 People

AI literacy, internal champions, adoption capacity, training needs and resistance points.

08 Opportunity

Priority problems, value cases, KPIs, feasibility and practical next-step fit.

Management output: UP-AIR™ turns readiness gaps into a management-level view: what is ready, what is weak, what blocks progress, and what route should be taken next.

Example outcome: medium-sized refinery.

Illustrative example based on a typical assessment scenario.

Challenge: Management wanted to introduce AI but did not know which business area should begin first. Data, systems and preparation requirements were unclear before supplier discussions.

Data readiness

[Good]

Operational and maintenance data were available for initial AI exploration.

Governance

[Requires improvement]

Policies, ownership and decision responsibilities required strengthening.

Highest-value opportunity

[Priority use case]

Predictive maintenance showed the strongest value through reduced downtime.

Lower-priority opportunities

[Later stage]

Document automation and knowledge management should follow governance improvements.

Recommended next steps:

- Begin with a predictive maintenance pilot.
- Improve data governance and ownership.
- Define AI roles and responsibilities.
- Prepare a phased implementation roadmap.
- Review wider AI opportunities after the first pilot.

Outcome: management avoided multiple disconnected AI initiatives and received a structured pathway with clear priorities, reduced risk and a practical sequence for future investment.



Route depth should match the decision need.

Deeper assessment routes produce stronger findings, wider management visibility and broader post-assessment options.

Snapshot

Free | Immediate / short online route

Fixes: Initial uncertainty only; shows whether a deeper assessment is worth considering.

Output: Readiness indication and suggested route

Next offer: Lite or Core assessment recommendation

01 AI Readiness Lite

From GBP 950 | Approx. 1-2 weeks

Fixes: Unclear starting point, basic ownership gaps and early data / system questions.

Output: Lite Review Note

Next offer: Core, short workshop or basic AI awareness training

02 AI Readiness Core

From GBP 1,950 | Approx. 2-4 weeks

Fixes: Unclear priorities, evidence gaps, data / governance concerns and vendor confusion.

Output: Core Assessment Report

Next offer: Use-case workshop, training or pilot-readiness pathway

03 Enterprise Lite

From GBP 4,500 | Approx. 1-2 months

Fixes: Single-site, function or small multi-team visibility gaps and readiness ownership.

Output: Enterprise Lite Report

Next offer: Team workshop, governance briefing, training plan or 3-6 month coordination

04 Enterprise Plus

From GBP 9,500 | Approx. 2-3 months

Fixes: Multi-team inconsistency, readiness gaps by pillar, management prioritisation and risk visibility.

Output: Enterprise Readiness Heatmap + briefing

Next offer: 6-12 month heatmap improvement programme and coordination

05 Enterprise Strategic

Scoped proposal | Approx. 3-4 months

Fixes: Enterprise AI direction, investment sequencing, required team, dependencies, cost range and one-year support structure.

Output: Strategic Roadmap + one-year implementation-launch support

Assessment prices and outputs.

Route	Assessment price	Approx. length	What it fixes / resolves	Main output
Snapshot	Free	Immediate / short online route	Initial uncertainty only; shows whether a deeper assessment is worth considering.	Readiness indication and suggested route
AI Readiness Lite	From GBP 950	Approx. 1-2 weeks	Unclear starting point, basic ownership gaps and early data / system questions.	Lite Review Note
AI Readiness Core	From GBP 1,950	Approx. 2-4 weeks	Unclear priorities, evidence gaps, data / governance concerns and vendor confusion.	Core Assessment Report
Enterprise Lite	From GBP 4,500	Approx. 1-2 months	Single-site, function or small multi-team visibility gaps and readiness ownership.	Enterprise Lite Report
Enterprise Plus	From GBP 9,500	Approx. 2-3 months	Multi-team inconsistency, readiness gaps by pillar, management prioritisation and risk visibility.	Enterprise Readiness Heatmap + briefing
Enterprise Strategic	Scoped proposal	Approx. 3-4 months	Enterprise AI direction, investment sequencing, required team, dependencies, cost range and one-year support structure.	Strategic Roadmap + one-year implementation-launch support

Assessment-only price: Prices shown are for assessment outputs only unless expressly stated otherwise.

Enterprise Plus: Enterprise Plus includes a readiness heatmap.

Enterprise Strategic: Only Enterprise Strategic includes roadmap and one-year implementation-launch support.

What each route includes – assessment core

Item	Snapshot	Lite	Core	Ent. Lite	Ent. Plus	Ent. Strategic
AI readiness indication	✓	✓	✓	✓	✓	✓
8-pillar UP-AIR™ review	–	Light	✓	✓	✓	✓
Public / context review	✓	✓	✓	✓	✓	✓
Client intake review	-	✓	✓	✓	✓	✓
Management / team interviews	--	--	Selected	Selected	Selected	Multi-team Strategic
Use-case identification	Light	Basic	✓	✓	✓	✓
Use-case prioritisation	-	Basic	✓	✓	✓	✓
Data and systems readiness	-	Basic	✓	✓	✓	✓

INCLUSION MATRIX - ROADMAP & SUPPORT (Continued)

Item	Snapshot	Lite	Core	Ent. Lite	Ent. Plus	Ent. Strategic
Vendor / IT partner engagement	-	-	-	-	-	Available only after scope and cost are agreed
Approximate cost range for next stage	-	-	Light indication	Limited	Improvement estimate	Defined in roadmap
One-year implementation-launch support	-	-	-	-	-	✓

Important: Optional services require separate agreement unless included in an agreed Enterprise Strategic proposal. Vendor / IT partner engagement is available only after scope, responsibility, timing, approximate cost and client approval have been defined.

What the findings look like.

Enterprise Lite

- Site/team readiness position; local operational gaps; team capability and ownership issues; department-level barriers; immediate actions for one site or function.

Enterprise Plus

- Enterprise readiness heatmap; department / site comparison; readiness gaps by pillar; management priority areas; governance and risk inconsistencies; ready, partly-ready and not-ready areas.

Enterprise Strategic

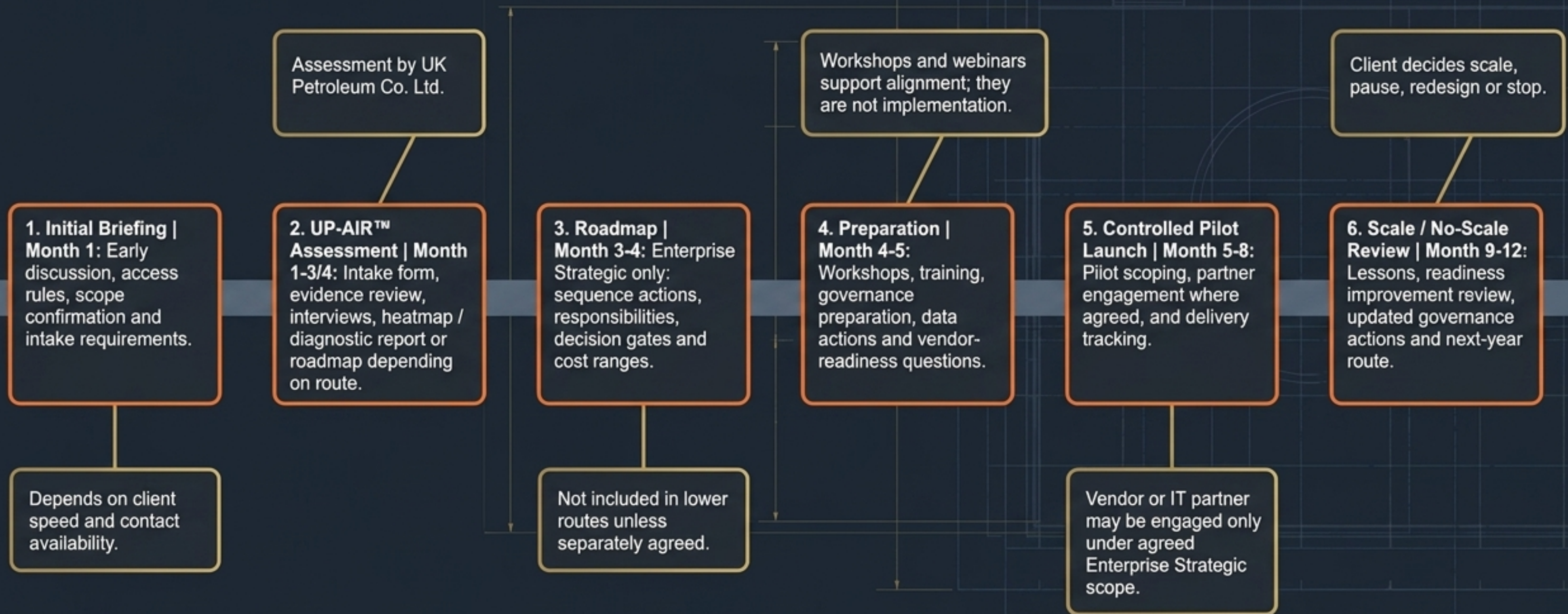
- Enterprise AI direction; full roadmap; use-case sequencing; required internal team; third-party expert or vendor requirements; approximate cost range; governance model; pilot / implementation-launch plan; 3, 6, 9 and 12-month decision gates.

Final rule for the catalogue

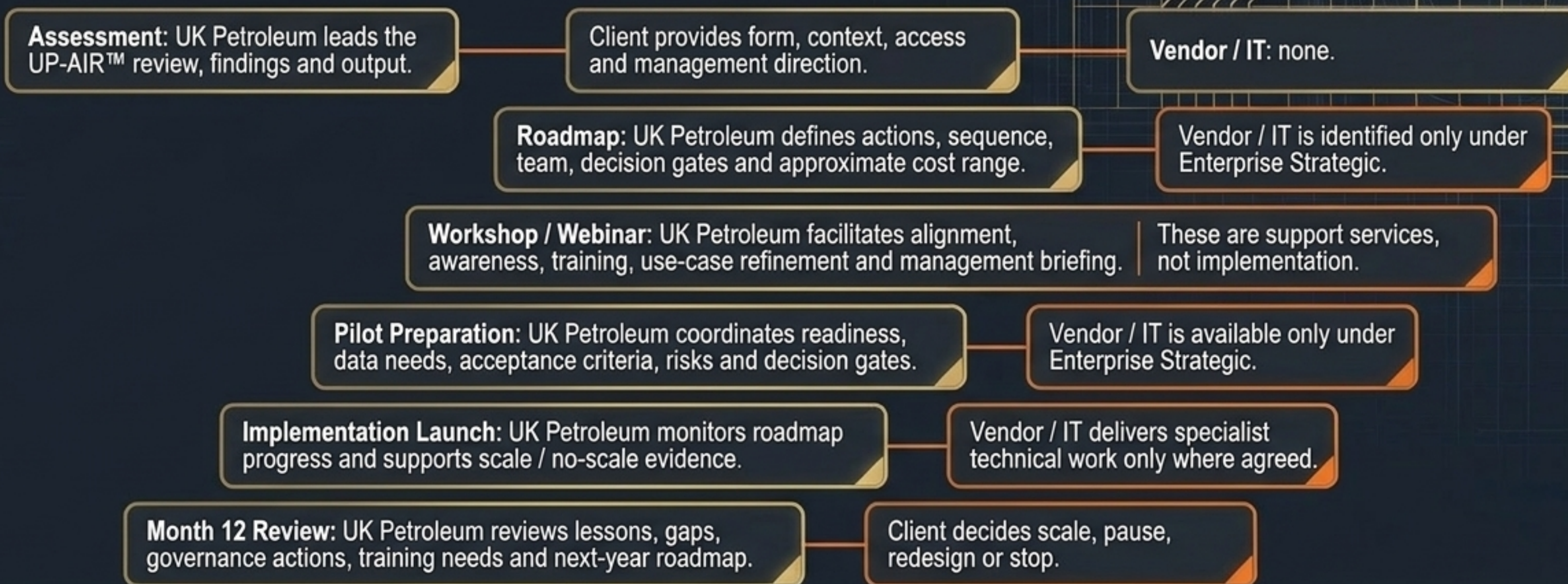
Not every UP-AIR™ route leads to the same post-assessment service. Snapshot and Lite provide early clarity. Core supports use-case selection. Enterprise Lite supports site or team readiness improvement. Enterprise Plus provides a readiness heatmap and can lead to structured improvement workshops and coordination. Enterprise Strategic is the route designed for a full roadmap and one-year implementation-launch support.

08 / MONTH-BY-MONTH STAGE DETAIL

What is included at each stage.



Clear responsibility model.



Are workshops and webinars part of implementation? **[No, they are support services]**

Implementation-Launch Support

Implementation partner

Screen requirements, prepare vendor-readiness questions and support decision gates. Select or approve vendor / IT partner.

Data readiness

Track data preparation, ownership and access restrictions. Approve data access and internal controls.

Risk / governance

Track governance actions, privacy considerations and operational restrictions. Approve governance and risk position.

Team adoption

Coordinate workshops, briefings and training needs. Nominate internal champions and participants.

Targeted follow-on services from the assessment findings.

The assessment creates the evidence base for targeted workshops, training, governance and preparation support. Each follow-on service should be selected only where it directly supports the assessment findings.

AI Use-Case **Workshop**

Align management and technical teams around one or more practical AI opportunities.

Output: Workshop report and 30-90 day route.

AI Training for **Energy Teams**

Build practical awareness across leadership, operations, reporting and governance teams.

DELIVERABLES

What you receive.

Executive AI Readiness Briefing

A short management-facing briefing around visible information and readiness questions.

UP-AIR™ Diagnostic Report

Readiness findings, prioritised gaps, route logic, risks and practical observations.

AI Readiness Roadmap

A 30 / 60 / 90 day route or, where applicable, an enterprise strategic roadmap.

Workshop Summary

Priority use cases, team inputs, agreed actions, risks and next-step ownership.

Pilot-Readiness Pack

Pilot scope, data needs, governance controls, vendor questions and success criteria.

Begin with AI readiness.
Start by understanding your organisation's readiness position.
Then use UP-AIR™, workshops, training, briefings or
pathway support only where they serve that journey.

**Request a 20-minute
AI Readiness discussion**

info@ukpetroleum.com

Clear professional boundaries.

UK Petroleum Co. Ltd does not build AI software, implement AI systems, provide engineering approval, provide cybersecurity implementation, provide legal, financial or investment advice, or guarantee operational outcomes. The company's role is structured AI readiness assessment, practical route planning and responsible AI preparation for energy organisations.