



Checklist

# AI Implementation for EHS&S Leaders

A practical tool for evaluating readiness, choosing the right use cases and rolling out AI responsibly.

# Assess AI Readiness

Map where your EHS data currently lives (systems, spreadsheets, shared drives).

Review the form your data takes: structured fields, narrative text, attachments, sensor logs, images.

Evaluate consistency: Are incidents logged the same way at each site? Are taxonomies standardized?

Clean up unstructured or unreliable records before introducing AI.

Remove duplicates and incomplete records.

Confirm data ownership and validation responsibilities.

Define the leading and lagging indicators you'll track.

Address privacy and security requirements early.

Hold an education session on what AI can do, what it cannot do and how decisions remain human-led.

# Identify High-Value Use Cases

Review core workflows for time, complexity and data volume.

Pinpoint repetitive or manual tasks that drain capacity.

Select 1-3 high-frequency, data-rich processes for pilots.

Define what success looks like (time saved, completion rates, engagement).

Validate that supporting data is clean and consistent.

Get alignment from operations, IT and site leaders.



# Select and Pilot the Right Tools

Evaluate vendors that integrate with your current EHS platform.

Prioritize explainable, auditable outputs — no black boxes.

Confirm compliance with data-security standards (GDPR, ISO27001).

Design a 60–90 day pilot with clear baseline metrics.

Build human-in-the-loop review steps into workflows.

Measure pilot results and refine before scaling.



# Train and Empower Your Team

Provide clear, plain-language training on how AI supports the work.

Reinforce that AI does not make decisions and does not replace human judgment.

Recruit early champions to share success stories.

Explain where the system gets its information and how recommendations are reviewed.

Create feedback loops for questions or pushback.

Track adoption sentiment and address resistance early.

# Govern and Grow Responsibly

Establish an AI governance policy covering ethics, oversight and data retention.

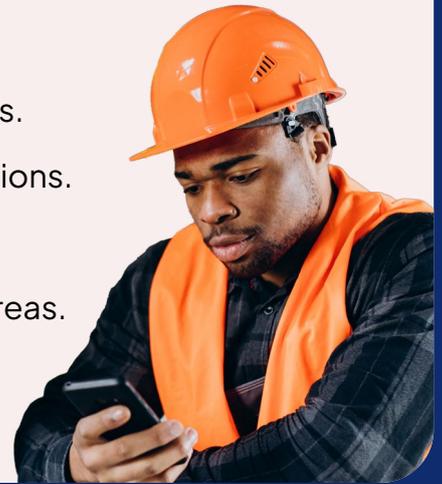
Schedule reviews to test accuracy and check for bias.

Document verification steps for all AI-supported actions.

Communicate clearly how data is stored and used.

Capture lessons learned before expanding to new areas.

Integrate AI oversight into ESG reporting.



# Measure, Communicate, Evolve

Compare pilot results to baselines to quantify impact.

Capture field stories to illustrate real-world benefits.

Translate results into business outcomes: efficiency, uptime and risk reduction.

Share insights with leadership to build continued sponsorship.

Refresh dashboards to visualize improvements.

Set quarterly reviews to identify new opportunities.

AI becomes powerful in EHS&S when the fundamentals are strong, your use cases are intentional and your people understand how it supports their work. With the right foundation, AI can help your teams act faster, see patterns earlier and stay focused on what matters most.

EvoAI helps organizations take that next step with technology that is transparent, configurable and grounded in real operational context, not abstract models or hype.

The logo for EVOTIX, featuring the word "EVOTIX" in a bold, white, sans-serif font with a small dot above the 'i'. The background of the entire page is a dark blue world map.A rounded rectangular card with a light blue background. It features a map of the United States with a red location pin in the Midwest. The text "US" and "Chicago" is displayed below the map. At the bottom, a white rounded rectangle contains the phone number "+1(872) 215 5913".

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# Let's chat

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Evotix's mobile app provides workers with on-the-go training and safety guidelines to ensure they receive health, safety and sustainability information anytime, anywhere.