From Tender to Project Controls: How AI Minimises Risk at the Source

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Project Controls EXPO
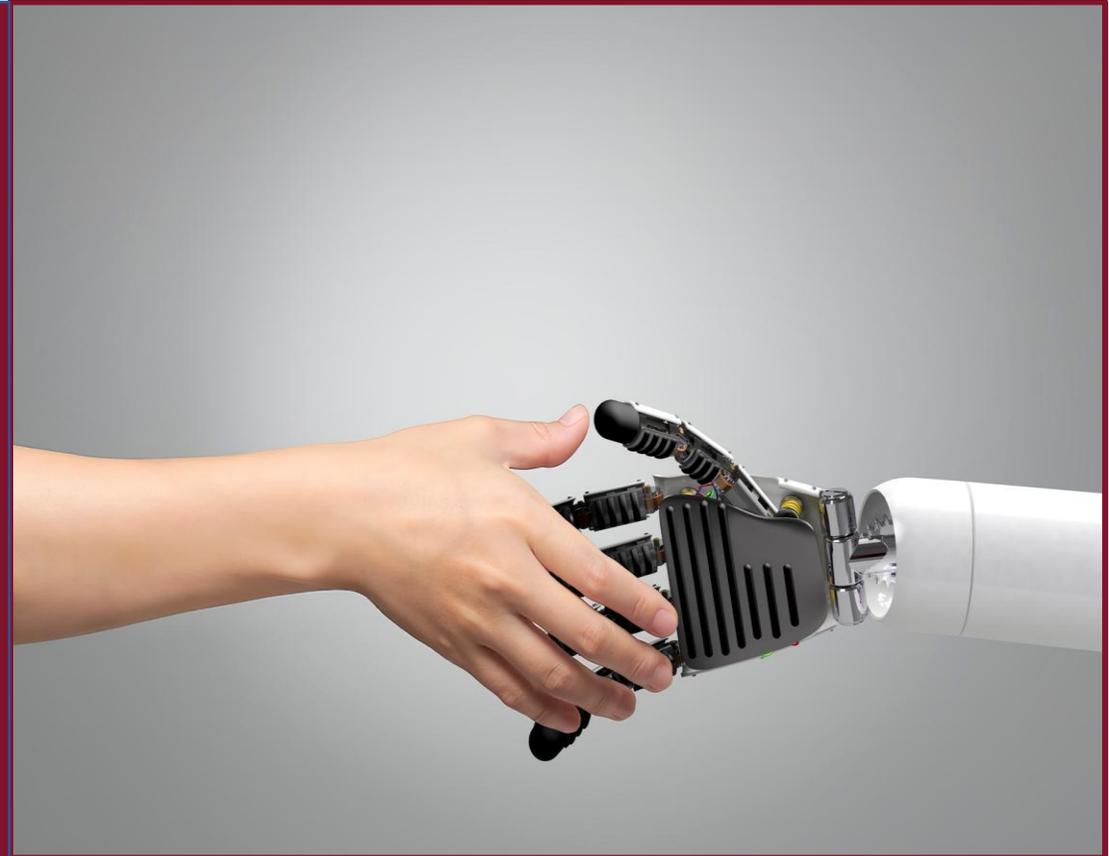London, UK

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Introduction

Most project risks don't appear on site, they begin in procurement.

When tenders aren't evaluated thoroughly, the issues resurface later as delays, overruns, or disputes.

By bringing clarity to evaluations from day one, we close those gaps early and give project controls a stronger foundation.
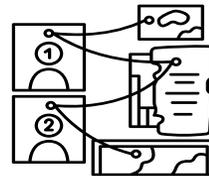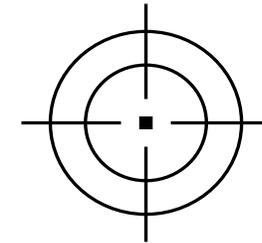
The Challenge

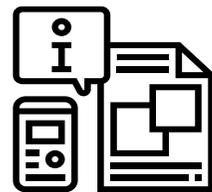**$1.6 trillion is lost every year in construction as a result of the productivity gap**

Human bias

Information overload

Missed risks in fine print

Unrealistic supplier promises

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Why it matters

1

Projects run over budget and behind schedule

2

Fair, transparent decisions build trust

3

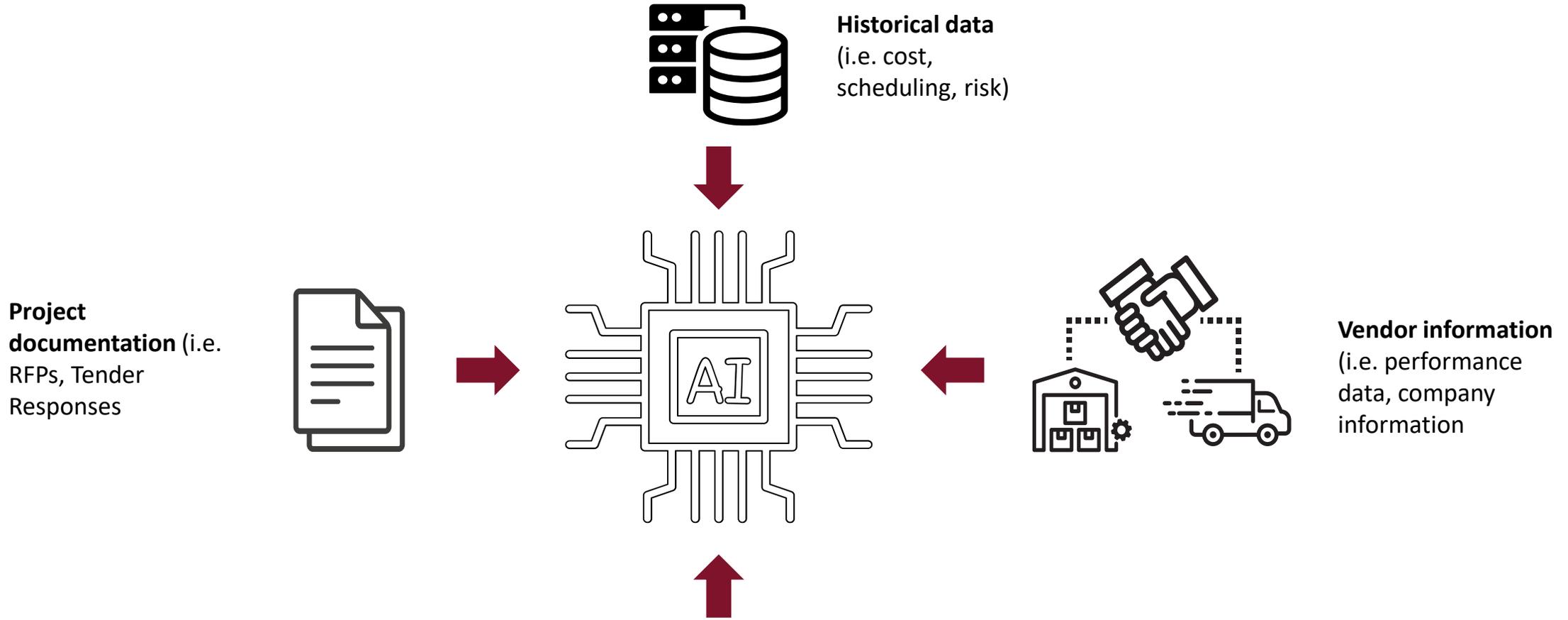**Enabling SME participation and delivering on Net Zero**

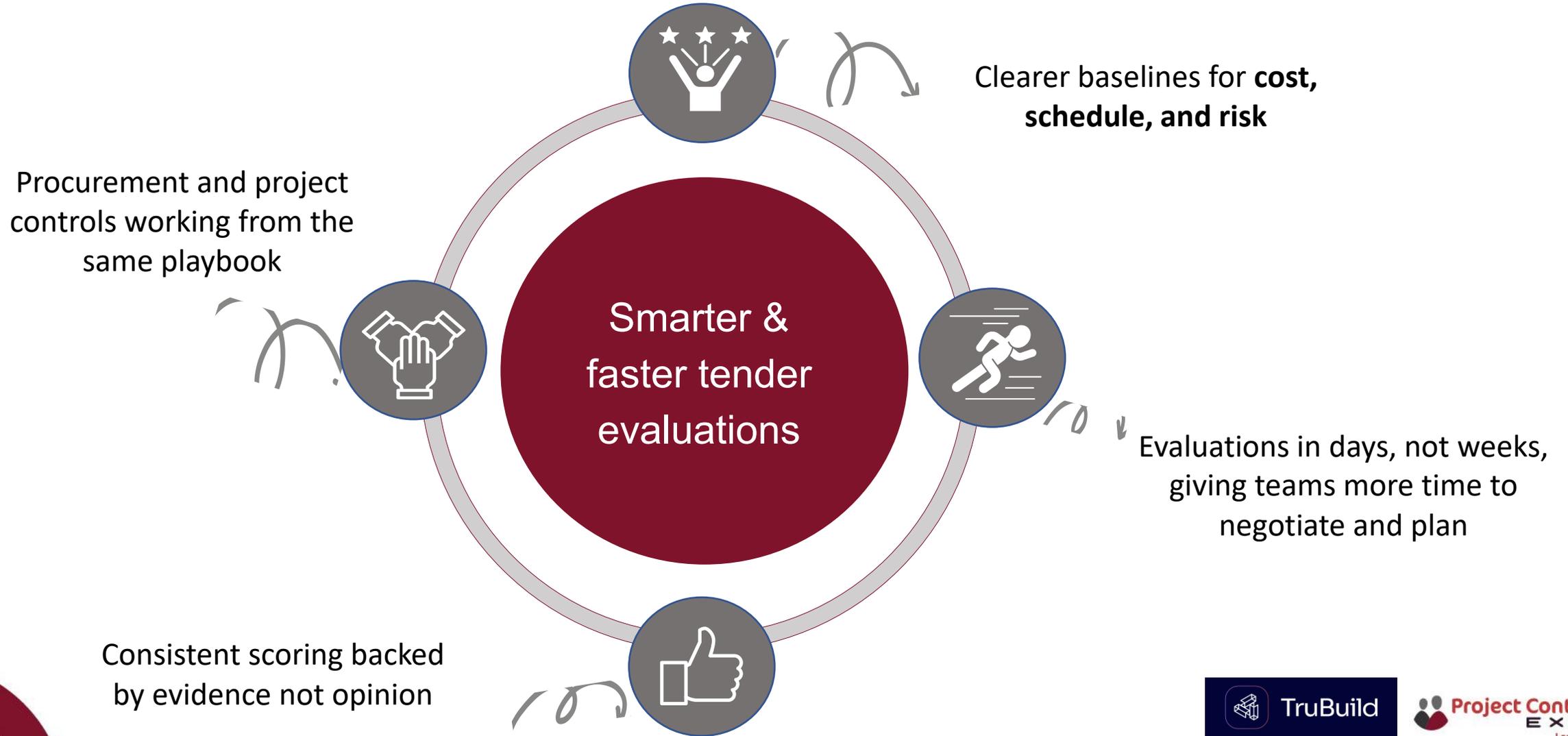TruBuild   Project Controls EXPO London, UK

Where AI Fits

Historical data (i.e. cost, scheduling, risk)

Project documentation (i.e. RFPs, Tender Responses)

Vendor information (i.e. performance data, company information)

NLP

To scan supplier responses

Predictive Analytics

To forecast risks

ML

To score suppliers objectively

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Benefits for Project Controls

Clearer baselines for **cost, schedule, and risk**

Procurement and project controls working from the same playbook

Smarter & faster tender evaluations

Evaluations in days, not weeks, giving teams more time to negotiate and plan

Consistent scoring backed by evidence not opinion

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Practical Applications

From Pilot to Practice

Case studies show the impact:

Time: Evaluations cut from 4 weeks to 4 days, with scoring completed in just hours .

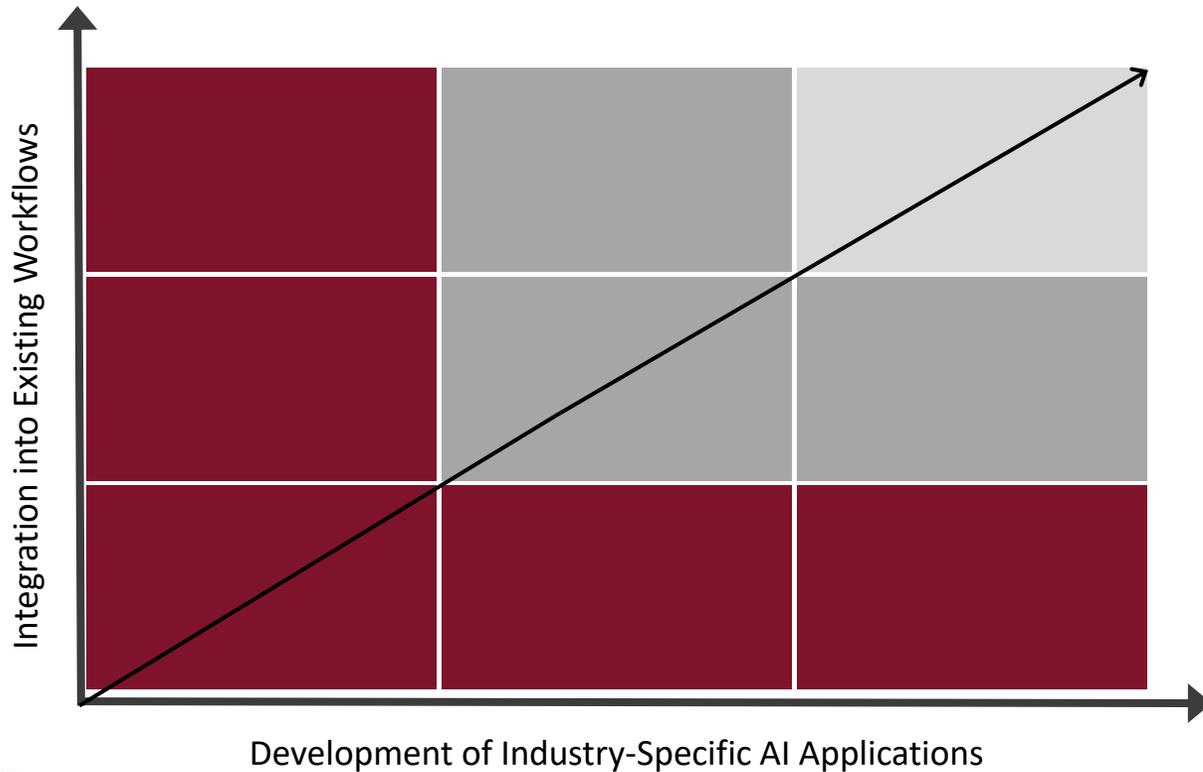**Resources:** Frees teams from weeks of manual review, so they can focus on leading projects and making decisions.

Governance: Every decision backed by clear evidence, building trust and reducing disputes.

Flexibility: Human oversight always in control, with AI accelerating the process.

Looking Ahead

As tools mature and teams gain confidence, procurement will no longer slow projects down, it will set them up for success.

The future is about combining human judgement with AI that learns from every project and integrates seamlessly with the systems we already use

Continuous learning → smarter evaluations over time

Generative AI suggesting mitigation or negotiation strategies.

AI integrated with industry specific solutions

Integration into Existing Workflows

Development of Industry-Specific AI Applications

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Conclusion

Most project risks start long before work begins on site.

By closing the gaps in tender evaluation, spotting scope issues, assessing contractor capabilities, and aligning risks early, we give projects a stronger foundation.

The result? Fewer disputes, fewer delays, and projects delivered with confidence.

Q&A

Thank You

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