ALL-I@ MOVEO LTD

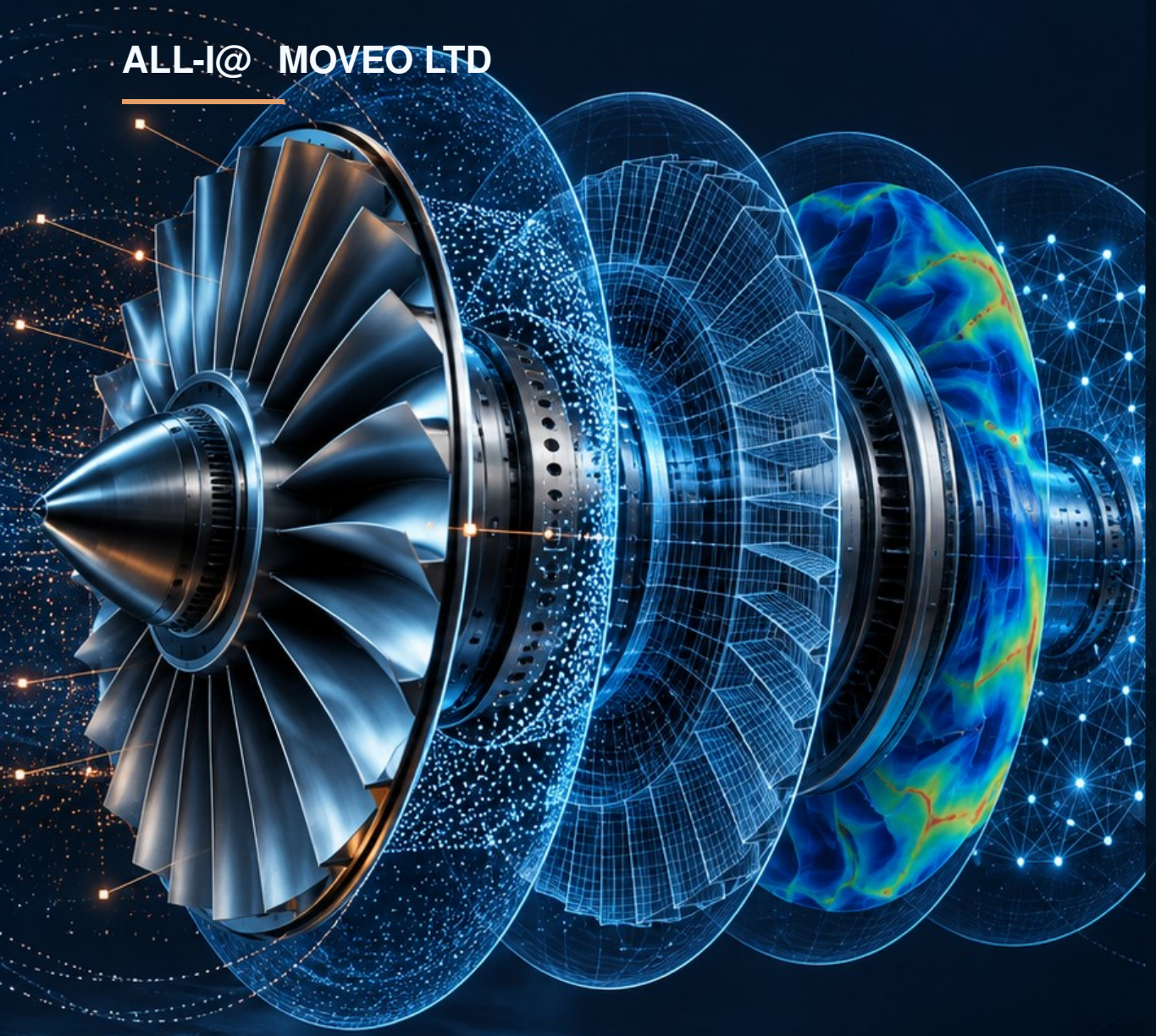
Engineering intelligence with accountable control

The Thinking Value Chain connects first-principles design, AI-assisted reasoning, simulation, digital twins, sensing and traceable evidence.

TVC AEGIS K-Ledger™

UK engineering R&D allimoveo.com

Illustrative visualisation — not deployed or test hardware.



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Thinking Value Chain

TVC carries engineering intent from evidence to industrial execution while preserving the reasoning behind each decision.

Evidence

Modelling

Governed reasoning

Validation

Industrial execution

Evidence-gated, reviewable and reversible

AEGIS governed decisions

The Agentic Epistemic Workflow structures physics-aligned engineering decisions around explicit evidence gates.

Evidence first

Assumptions and supporting records remain visible before a decision advances.

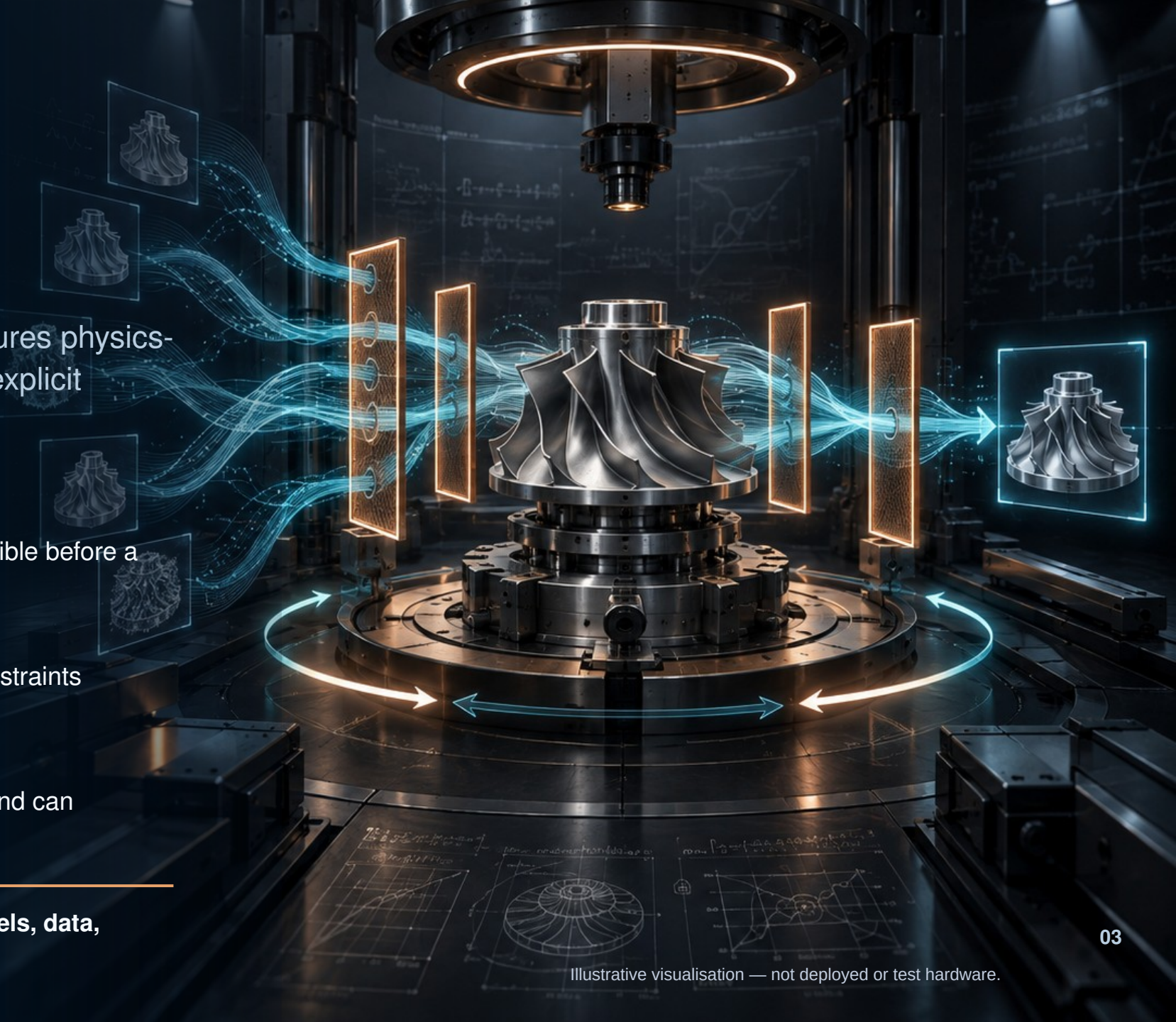
Physics aligned

Models and agents work inside engineering constraints rather than replacing them.

Human authority

Accountable engineers retain decision control and can reverse a governed step.

K-Ledger™ preserves provenance across models, data, assumptions and validation records.



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One engineering technology ecosystem

Governed cognitive design agents connect specialist reasoning across materials, electrochemistry, structures, magnetics, thermodynamics and flight.

Virtual testing links simulation with physics-informed digital twins, sensing and feedback from surrogate hardware.

Lifecycle and circularity assessment keeps resource efficiency visible as concepts mature.

Advanced materials and manufacturing
Transport and aerospace
Energy and infrastructure

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Funded R&D and public milestones

Everlast™: completed 28 February 2025

Sustainable battery demonstrator supported through the DCMS Create Growth Programme.

QuESTran: technical feasibility project delivered March 2026

Administratively closing. Innovate UK feasibility project exploring integrity assurance for transport platforms.

ReALL-i: September 2026 to February 2027

Resource efficiency and performance for SME drive systems, including motors and pumps.

I-MAG/ARC: commencing October 2026

AI-assisted rare-earth magnet discovery for demanding applications, including fusion.

Engineering ideas developed into testable, sustainable demonstrators

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