



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

Delivering Smarter and Faster Capital Projects

Integrated Project Execution Roadmap

Suhas Jadhal, Senior Portfolio Manager, AVEVA

AVEVA

AVEVA WORLD MILAN, MAY 2026

Agenda

Delivering Smarter and Faster
Capital Projects

Allianz Mico

Milano



**Capital Project Business Forecasting
& Key Business Challenges**



**Business Benefits / Opportunity with AVEVA EPC
Solutions**



Integrated Project Execution Roadmap



**Key New Capabilities of Project Execution
Solutions**



**Integration Demo – Warehouse Management
Integration**



Q&A Session

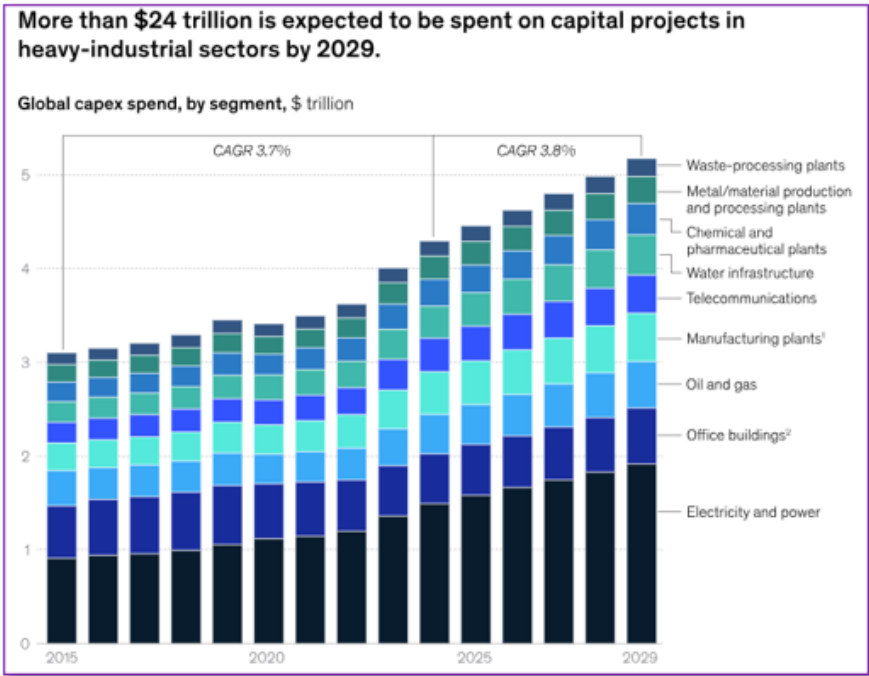
Suhas S. Jadhal

Senior Portfolio Manager – Project Execution

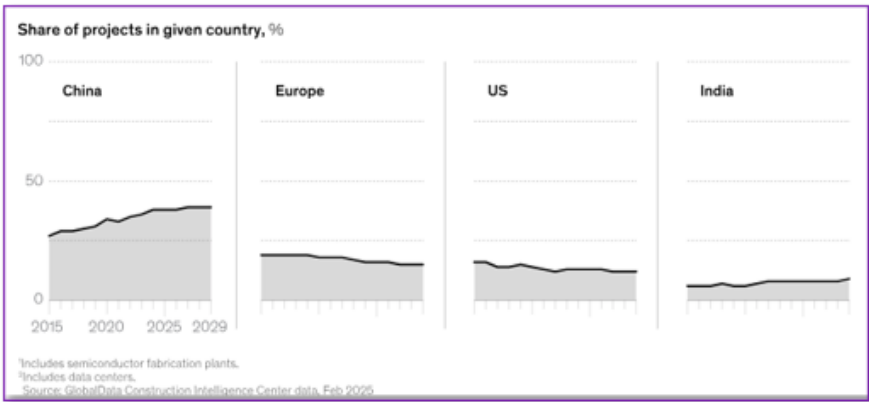
- AVEVA
- Suhas.Jadhal@aveva.com



Capital Projects Business Outlook



Heavy-industry capex expected to exceed \$24T by 2029



Project share shifts by region



Capex Surge Driving Competition



Portfolio Mix Defines Risk



Regional Shifts Impact Delivery



Execution Complexity Increasing

Capital Projects Key Challenges



1 LOW SUCCESS RATES

Too many projects miss cost, schedule, and benefits targets — setting up risk from day one.

ONLY 8.5%

of 16,000 projects met cost + schedule

JUST 0.5% delivered all benefits



2 CHRONIC OVERRUNS

Large EPC projects in O&G, chemical & petrochemical face persistent cost overruns and schedule slippage.

~80%

of megaprojects experience cost overruns

~50%

suffer schedule delays (300+ \$1B+ projects)



3 VALUE LEAKAGE

Underperformance and optimistic assumptions erode portfolio value across costs, productivity and returns.

>50%

of potential value can be lost



4 WEAK BENCHMARKING

Unreliable benchmarking leads to poor estimating, inaccurate bids and higher costs vs. comparable projects.

~40%

higher costs vs. comparable builds when benchmarking isn't reliable



The typical opportunity with AVEVA EPC Solutions

1B\$ Project

13% Savings 130M\$

10% Savings 100M\$

Savings



2% AVEVA
Process
Simulation



3% AVEVA
Unified
Engineering



8% AVEVA
Project Execution

Impact



Reduce man-hours by **30% - 40%**



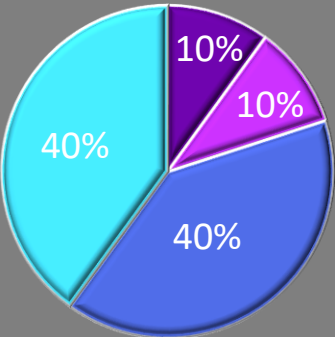
Reduce material costs by **11%**



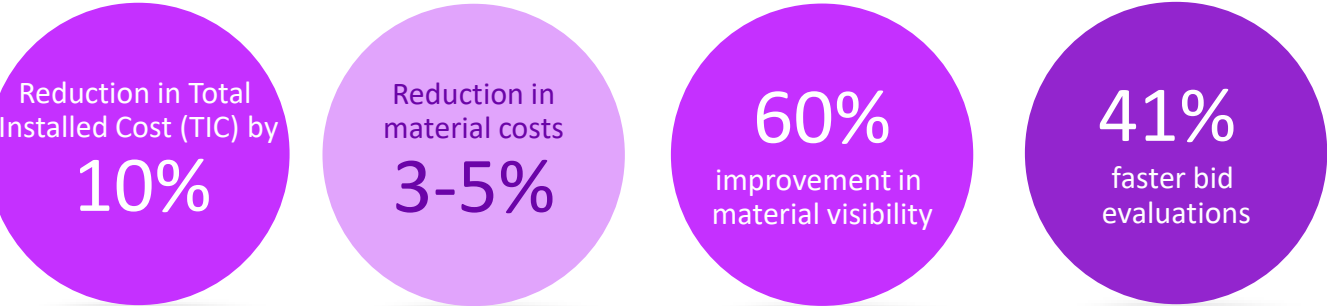
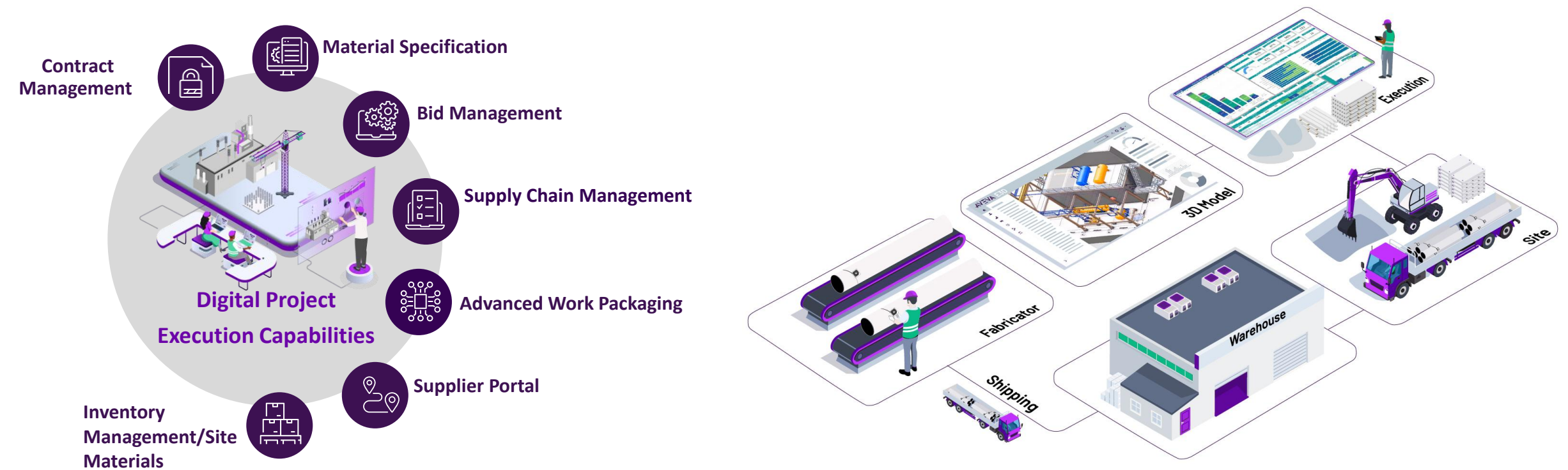
Reduce field labour costs by **10%**

Total project cost breakdown

- Engineering
- Procurement
- Construction
- Misc



Unifying the entire supply chain with end-to-end visibility and execution control powered by AVEVA's Project Execution.



Stay aligned through every phase of the project	Improve construction readiness & field productivity
Optimize procurement decisions & strengthen supply chain resilience	Eliminate lost materials, reduce waste, improve auditability

Integrated Project Execution Roadmap

2026 & 2027

AVEVA

Initiative 1 - AVEVA and the EU Cyber Resilience Act (CRA)

We are preparing for the EU CRA Act.



Strengthening Product Security

We are embedding security by design into our products to meet CRA requirements and protect customers.



Ensuring Regulatory Compliance

We are aligning our processes and documentation to meet CRA obligations for transparency and accountability.



Securing Our Supply Chain

We are working with suppliers to ensure secure, resilient, and compliant components across our value chain.



Continuous Monitoring & Vulnerability Management

We are enhancing our capabilities to detect, assess, and address vulnerabilities throughout the product lifecycle.



Building a Cyber Resilient Culture

We are upskilling our teams and fostering a culture of security awareness and responsibility.

Initiative 2- ERM Quality Improvement Plan

Focus on ERM Automated Testing in CY 2026 & 2027



Enhanced Reliability

Improved testing processes help detect and fix bugs earlier, leading to more stable and reliable software.



Faster Releases

Streamlined QA practices reduce bottlenecks and accelerate delivery of new features and updates.



Reduced Costs

Fewer defects mean fewer costly fixes and less time spent on rework, reducing overall project costs.



Higher Customer Satisfaction

Higher quality software leads to fewer user complaints and increased customer satisfaction.

AVEVA ERM Roadmap



V19.5 Q4 2025

Client Material mgmt.
Enhancements, Telemetry,
Production Planning Improvements,
Quality Improvements



Released

V19.6 Q3 2026

CRA Compliance, Automated Testing
Phase 1-Warehouse APIs, Scalability
Improvements, AIS Improvements,
Material mgmt. Enhancements,
Production Planning Improvements,
ERM 2.0 Kickoff*



Under
development

Released



V19.5.1 Mid Q2 2026

Only Bug Fixes Release

Q4 2026

Only Bug Fixes Release

V19.x Q1 2027

CRA Compliant Version

Automated Testing, Phase 2-
Warehouse APIs & Phase 2
Workpacks, Phase 1A- Supplier
Portal Integration (Inquiry
Process), Material mgmt.
Enhancements,
ERM 2.0 EMC Dev Work



V19.x Q4 2027

Automated Testing, material
management
enhancements,
Phase 1B- Rudy Integration
(Inquiry Process),
Cont. ERM 2.0 EMC Work



Q1 2028

Only Bug Fixes Release

Q3 2027

Only Bug Fixes Release

ERM Customers

- EPC
- Marine

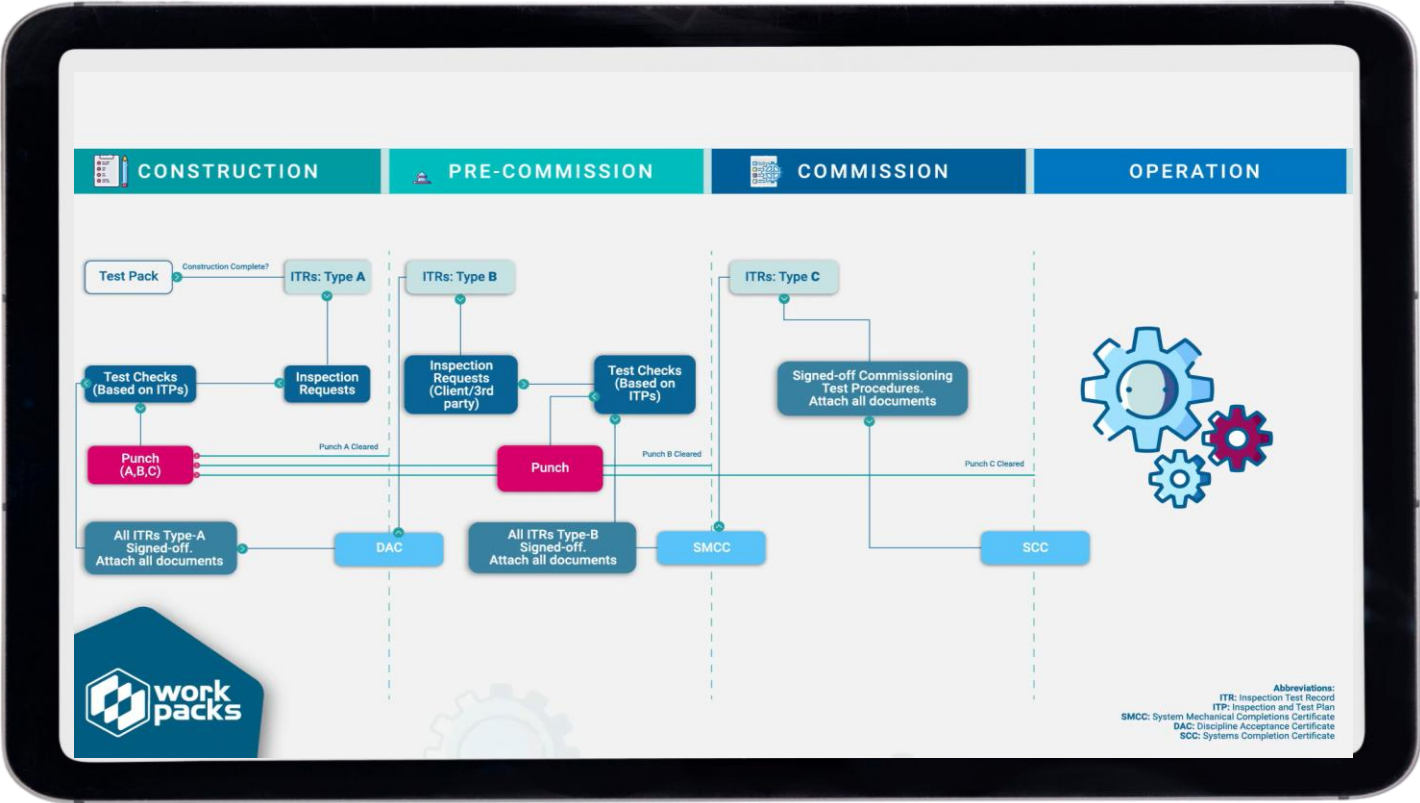


[CRA – Cyber Resilience act](#)

AVEVA

Disclaimer : The timelines presented are forward-looking and tentative. They are subject to change based on updates to AVEVA's strategic direction. *- Subject to approval

New Capabilities - Completions, Commissioning & Handover



System & Subsystem Scoping & Visualization



ITR/ITP Initiation & Tracking



Test Package Scoping & Generation

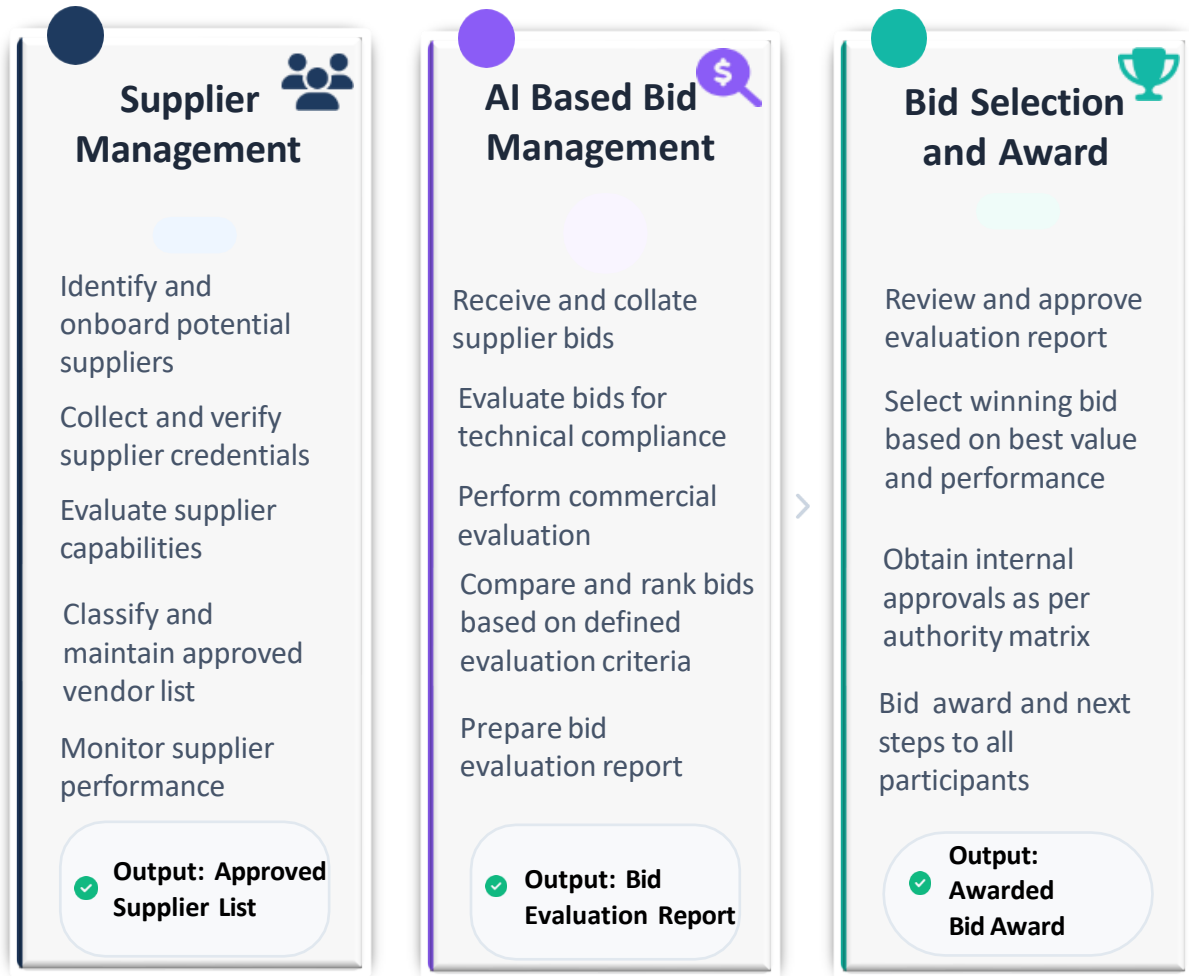


Discipline Acceptance Certificates



Automated Completions Dossier

New Capabilities - Supplier Portal & E-Bidding



Outcome: Up to 40–50%* faster bid-to-award with automated TBE & CBE.

- **Bid cycle time** ↓ **25–40%**
- **TBE & CBE completion** ↓ **25-30%**
- **Manual evaluation effort** ↓ **up to 50%**
- **Source to Contract accelerated by ~ 2 weeks**

*Outcomes based on internal beta testing, pilot simulations, and industry-benchmarked procurement programs.



Supporting Activities (Across All Stages) : Document Management | Approval Workflow | Compliance & Policy Adherence | Audit Trail & Reporting

New capabilities in field mobility- Enterprise Resource Tracking

Execute pick lists from ERM

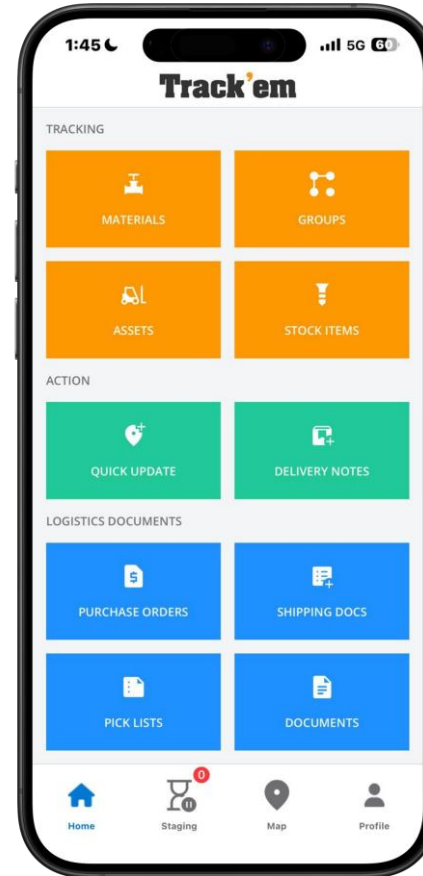
Pull picking lists directly from ERM. Scan, confirm, close. No paper, no re-keying.

Line Item 1
Item Number: MAT-CNS-005787
Picked Quantity: 1

Line Item 2
Item Number: MAT-CNS-005787
Picked Quantity: 1

See where everything is

The GPS map view shows the last scanned location for any tracked item. Staging queue for **offline** transactions.



Scan, update, move on.

Bulk status updates via barcode. GPS-tagged. **Works offline**, syncs when connected.

ASSET DETAILS UPDATE

Basic Details

Asset Number	LS688#
Description	Tooling Equipment
Category	Trailer - Lighting Set

Receive and verify.

Log deliveries with OSD recording. Full audit trail before goods hit the warehouse.

DELIVERY NOTE DN-00237

+ Add Delivery Note Item

Finalise Receipt

Total Items: 2

Line Item 1

Item Number	MAT-EWP-00029
Purchase Order	PO-2026-1001
PO Line No	1

Integration with Warehouse Management (Track'em ERT)

Quick Demo



Key Benefits of ERM-Track'em ERT Integration

Business Value to our Customers



Seamless system integration: Significant **reduction in integration setup time** accelerating time-to-value from **weeks to days**



Field mobility with Track'em: up to 20*% improvement in field productivity



Automated, bi-directional data exchange: 20–30*% faster material handling cycles



Lower integration TCO: up to 35*% reduction in total cost of ownership by eliminating custom interfaces



Incremental value delivery: 6 Integration touch points - **Phase 1 (19.6, Tentative Q3 2026)**, 9 touch points in **Phase 2 (19.x, Tentative Q1 2027)**

*Benefit ranges are based on AVEVA internal beta testing, solution validation environments.

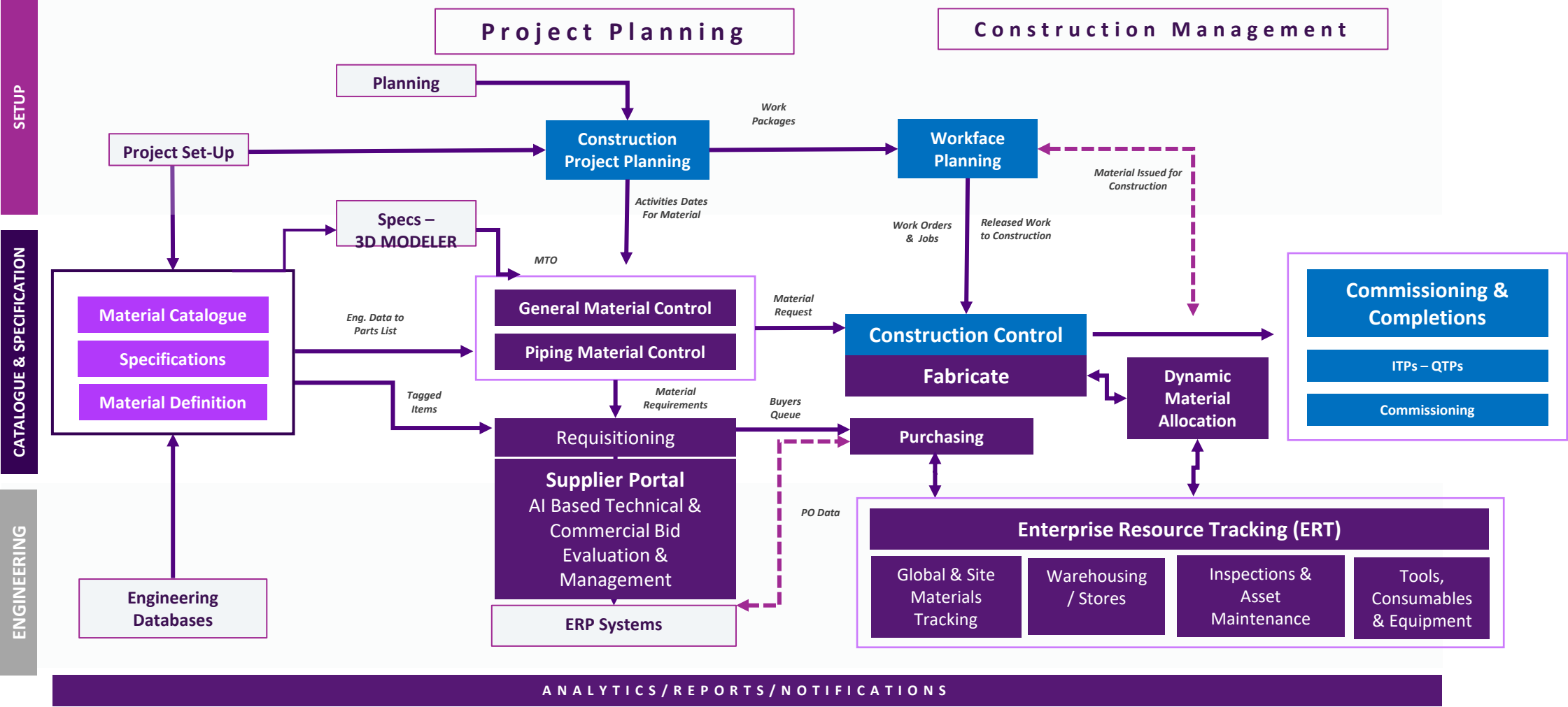
AVEVA Connected Digital Project Execution Strategy

Our Unified Vision: Building an Integrated Digital Ecosystem for End-to-End Project Execution

Shared Eng. & Materials

Material Processes

Construction Processes



Heads-up: Community Session : Brown1 – Level 2

Driving Predictable, Data Driven Project Delivery - Community Group

Wednesday, 20 May 2026	
14:45 - 15:00	Elsedewy: EPC 4.0 Building a Digital Future ELSEWEDY ELECTRIC POWER SYSTEMS PROJECTS Brown 1 - Level 2
15:00 - 15:15	Hyundai : AVEVA WorkPacks Success story for Jafurah Project Hyundai Engineering + WorkPacks Brown 1 - Level 2
15:15 - 15:45	Doosan Enerbility AWP Adoption and Roadmap (15 min); Q&A (15 min) Doosan Enerbility Brown 1 - Level 2



Visit Us!

Stop by these booths in the innovation zone for demos and additional information:

Harmonize your project execution - AVEVA
Enterprise Resource Management



Booth D&B1

Questions?



Please wait for the microphone.
State your name and company.

Please remember to...

Navigate to this session in the
mobile app to complete the survey.

Visit us at [booth D&B1](#)

Thank you!

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ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

Learn more at www.aveva.com