

WHITE PAPER

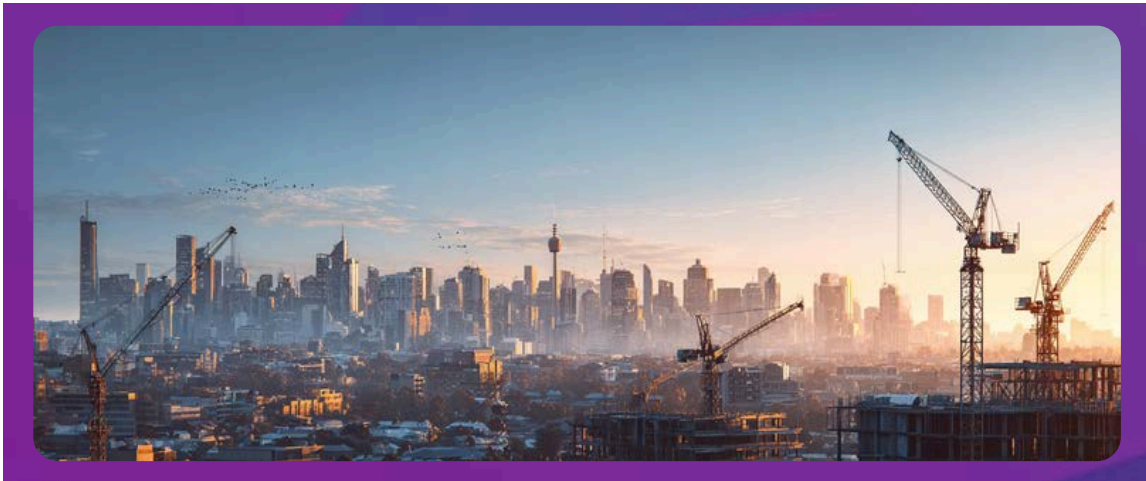
Zudello

# NAVIGATING THE CHASM





# NAVIGATING THE CHASM



## Financial and Operational Transformation for Construction Leaders

### Executive Summary

The Australian construction industry faces a critical paradox: immense growth potential, projected to reach AU\$806 billion by 2030, is severely undermined by escalating operational and financial challenges. This white paper, "Navigating the Chasm," addresses these issues, revealing their profound economic impact, and proposes an integrated pathway for sustainable transformation.

Despite significant investment, including a federal AU\$120 billion infrastructure pipeline, the sector struggles with severe skills shortages, financial constraints, and a disturbing 40% year-on-year increase in insolvencies. This highlights a foundational inefficiency, preventing the industry from effectively converting opportunity into output.

A deep-seated "Productivity Paradox" is at the heart of this struggle. Australian construction productivity has stagnated for three decades, contrasting sharply with other sectors. This chronic underperformance cost an estimated AU\$56 billion in foregone output in 2022 alone, largely due to industry fragmentation and a reliance on bespoke, inefficient project delivery. This systemic inefficiency creates a "fog of construction finance," characterized by a critical lack of real-time visibility. Firms often discover project profitability weeks after completion, leading to rampant cost overruns (98% of megaprojects exceed 30%) and widespread overbilling. While technology investment is increasing, it's often fragmented, creating data silos that fail to yield true productivity gains.

"Navigating the Chasm" advocates for a strategic commitment to integrated Financial Operations (FinOps) automation. By adopting a unified platform, such as the Zudello and ERP synergy, firms can establish a single source of truth. This enables AI-powered invoice automation, real-time budget management, and integrated procurement with automated 3-way matching, directly combating inefficiency and overbilling. A real-world example demonstrates this approach's power in reducing administrative costs and enhancing financial visibility.

The path forward requires a phased digital transformation roadmap. Beyond mere efficiency, a unified FinOps platform transforms financial data into a leading indicator, enabling predictive insights for cash flow, risk identification, and competitive bidding. This elevates finance to a strategic driver of competitive advantage.

In conclusion, the Australian construction industry must abandon outdated, fragmented processes. Embracing strategic, intelligent FinOps automation is the essential lever to bridge the chasm between demand and capacity, ensuring resilience, driving profitability, and leading the industry into a more productive and prosperous future.

## Section 1: The Australian Construction Sector at a Crossroads

The Australian construction industry stands as a cornerstone of the national economy, propelled by historic levels of investment and a powerful pipeline of work. Yet, this narrative of growth is dangerously undermined by a convergence of operational and financial headwinds that threaten the viability of firms and the deliverability of critical projects on budget and with the required profit margins.

### Market Dynamics: A Booming Industry

The sector's economic contribution is immense and expanding. Valued at AU\$496 billion in 2024, the market is forecast to grow at a formidable Compound Annual Growth Rate (CAGR) of 8.0% between 2025 and 2030, reaching a projected AU\$806 billion. This growth is underpinned by a powerful pipeline of work, the rollout of megaprojects and sustained government investments.

The primary catalyst for this expansion is this wave of substantial and sustained government investment. The federal government's 10-year, AU\$120 billion infrastructure investment pipeline is funding nationally significant megaprojects such as the Sydney Metro, the Melbourne Metro Tunnel, and Adelaide's North-South Corridor. This is complemented by targeted initiatives like the Housing Australia Future Fund (HAFF) and a AU\$54 million investment in modular housing to address the nation's housing crisis.

### Sectoral Analysis: Divergent Paths

While the overall outlook is positive, a closer look reveals unique challenges within key sectors:

- **Residential Construction:** This sector is caught between the immense pressure of rising costs and the national goal of building 1.2 million new homes by 2029. Despite project deferrals reaching unprecedented rates, market sentiment is turning positive, with a focus on resolving the chronic housing availability crisis.
- **Commercial Construction:** This sector is evolving with a strong emphasis on sustainability and adapting to hybrid work models. As demand for traditional office space wanes, green-certified projects and mixed-use developments are becoming a commercial imperative.
- **Infrastructure Construction:** This remains the industry's powerhouse, consistently driven by large-scale public and private investment in energy, water, and transport projects.

## The Gathering Storm: A Convergence of Headwinds

This positive growth story is overshadowed by a perfect storm of challenges placing immense strain on firms. These are not minor issues but fundamental constraints that threaten project viability and company solvency.

Complex regulations and permitting procedures are a significant cause of delays.

Increased administrative overhead, extended project timelines.

The Australian construction industry is thus characterised by a dangerous dichotomy. The macro-level story is one of growth and historic investment. However, the concurrent data on soaring insolvencies and crippling shortages points to a different reality at the micro-level. This contradiction suggests the industry's foundational operating model is incapable of efficiently converting investment into output. The core problem is not a lack of opportunity, but a systemic lack of efficiency and resilience.

Challenge Category	Key Statistic/Metric	Primary Impact
Skills & Labor Shortage	A net balance of +72 of firms report shortages as a major concern.	Project delays, increased labor costs, reduced capacity.
Financial Constraints & Costs	53% of firms cite financial constraints as a factor holding back activity.	Reduced profitability, project deferrals, tighter margins.
Rising Insolvencies	39.5% year-on-year increase in construction company insolvencies (Jan-May 2024).	Supply chain disruption, project delays, increased counterparty risk.
Regulatory Complexity	Complex regulations and permitting procedures are a significant cause of delays.	Increased administrative overhead, extended project timelines.

The Australian construction industry is thus characterised by a dangerous dichotomy. The macro-level story is one of growth and historic investment. However, the concurrent data on soaring insolvencies and crippling shortages points to a different reality at the micro-level. This contradiction suggests the industry's foundational operating model is incapable of efficiently converting investment into output. The core problem is not a lack of opportunity, but a systemic lack of efficiency and resilience.

## Section 2: The Productivity Paradox: Why a Growing Industry is Falling Behind

The challenges detailed previously are symptomatic of a deeper, more chronic condition: a profound and persistent lack of productivity growth. This "Productivity Paradox"—where a sector experiencing massive demand fails to improve its efficiency—is the single greatest inhibitor of its potential.

## A Global Perspective of Stagnation

The productivity challenge in construction is a well-documented global phenomenon. Analysis by McKinsey & Company reveals that between 2000 and 2022, global construction productivity improved by a mere 10%, an anemic annual growth rate of just 0.4%. This stands in stark contrast to the 50% productivity improvement seen across the total global economy and the remarkable 90% achieved in manufacturing over the same period. In advanced economies like the US and Europe, productivity has actually fallen since 2000, even as construction costs have consistently risen faster than general inflation.

## The Australian Context and its Staggering Economic Cost

Australia's construction sector is a textbook example of this paradox. An analysis by the Committee for Economic Development of Australia (CEDA) found that over the 29 years to 2023/24, labor productivity in Australian construction grew by just 17%. During the same period, market-sector industries as a whole saw productivity grow by 64%. The more nuanced measure of multifactor productivity (MFP), which accounts for both labor and capital, has remained broadly unchanged in construction for three decades while growing over 20% in other sectors.



Sector	Labor Productivity Growth (1994/95 - 2023/24)	Multifactor Productivity Growth (1994/95 - 2023/24)
Construction	+17%	Broadly Unchanged
Manufacturing	+58%	+23%
Market-Sector Average	+64%	+20%

The economic cost of this chronic underperformance is staggering. A landmark report by Oxford Economics calculated that the value of foregone construction output resulting from this long-term productivity gap was approximately AU\$56 billion in the 2022 financial year alone. This is not an abstract figure; it represents a tangible loss of national capacity equivalent to an additional 1,000 schools or 25,000 extra hospital beds in a single year. This value is being systematically destroyed by the industry's reliance on outdated and inefficient processes.



## Root Cause Analysis: Fragmentation, Customisation, and Inefficiency

The reasons for this deep-seated crisis are complex and interconnected, stemming from the very structure and culture of the industry.

- **Industry Fragmentation:** The sector is dominated by a vast number of small firms, with 98.5% of the 410,602 registered businesses employing fewer than 20 people. This structure inhibits economies of scale, discourages long-term investment in technology, and creates a highly complex and inefficient subcontracting chain.
- **"Haute Couture" Construction:** The industry has been described as practicing "haute couture fashion," where every project is a bespoke, one-off creation. This reliance on custom designs prevents the adoption of standardisation and repeatable processes that have driven massive productivity gains in other sectors.
- **Systemic Inefficiencies:** The traditional project delivery model is often plagued by a lack of integrated systems, poor communication, and adversarial contractual frameworks that prioritise short-term cost management over long-term value and risk sharing. This leads to a culture of disputes, claims, and rework, all of which are significant drains on productivity.

## Section 3: The High Cost of Inefficiency and the Digital Catalyst

The macroeconomic crisis of productivity is the direct result of tangible, day-to-day financial and operational failures. This "fog of construction finance" - a condition of poor visibility, manual processes, and data fragmentation - fuels a vicious cycle of cost overruns and eroding margins. Technology stands as the primary catalyst for change, but a strategic, integrated approach is required to translate digital spending into tangible gains.

### The Fog of Construction Finance: Flying Blind

At the heart of the industry's struggles is a critical lack of real-time clarity. It is a common reality that a construction company may not know if it has made or lost money on a job until eight weeks after project completion. This extreme lag makes proactive project management impossible, forcing key decisions to be made based on outdated information. This lack of visibility is a direct consequence of the industry's reliance on legacy finance systems, manual data entry, and a patchwork of disconnected spreadsheets. This administrative burden is a key reason why Australian construction workers are now achieving an average output that is 25.4% lower than in 2013.



This environment of poor visibility and manual processes creates a fertile ground for endemic financial failures:

- **Cost Overruns:** A staggering 98% of megaprojects suffer from cost overruns exceeding 30%. A 2023 Australian government review of its own infrastructure pipeline identified AU\$33 billion in cost overruns.
- **Overbilling:** A 2024 report revealed that 64% of Australian construction projects are impacted by overbilling from subcontractors and suppliers.
- **Project Delays:** The same research that identified widespread cost overruns also found that 77% of megaprojects are at least 40% late.

### **The Digital Catalyst: Investment Without Integration**

The Australian construction industry is increasing its investment in technology, with 25 cents of every dollar of capital investment now directed towards new tools. The average number of distinct technologies used by a firm has risen to 6.9. However, this spending has not translated into comprehensive digital maturity because it lacks strategic direction. Only 23% of Australian firms have a formally defined technology strategy.

This leads to a critical problem: while firms are buying more technology, they are operating within a highly fragmented digital landscape. The median number of separate data environments used by a single construction business is 11. This proliferation of disconnected point solutions creates digital data silos, forcing manual re-entry of information and preventing the creation of a single source of truth. This "digital churn" explains why industry-wide productivity is not improving in line with technology spending: the investment is tactical and fragmented, not strategic and integrated.

The business case for strategic digital adoption is compelling. For an average firm with AU\$153million in revenue, adopting just one additional technology is associated with a AU\$1.75 million revenue increase. Furthermore, digitally mature businesses are 50% more likely to see a reduction in safety incidents.<sup>17</sup> The challenge is not a lack of tools, but a failure to connect them.

For a COO or CEO in the wholesale or manufacturing space, this data sends a powerful message: the competitive landscape is changing now. Continuing to rely on manual processes is no longer a neutral position; it is a strategic decision to accept higher internal costs and a growing disadvantage in the external market.

### **The Anatomy of an Order: Manual vs. Automated Workflow**

The manual workflow is a long and convoluted path, fraught with delays and potential for error. An email containing a PDF purchase order arrives in a shared inbox, a staff member must manually open the email, save or print the PDF, and add it to a work queue. The staff member then reads the document, interpreting the various fields and manually keying the data into the ERP system or a spreadsheet. This entire process can take anywhere from 12 to 48 hours, involves more than eight manual touchpoints, and carries the inherent risk of data entry errors.

In stark contrast, the automated workflow is a straight, streamlined path. The order arrives via any channel and the AI-powered platform instantly captures the document, extracts all relevant data, and validates it against ERP master data. If the order meets pre-defined business rules, it is processed touchlessly. If it requires review, it is automatically routed for one-click approval. The moment it is approved, a sales order is created automatically and accurately in the ERP system, ready for fulfillment. This automated process reduces the timeline from days to mere seconds or minutes, reduces manual touchpoints to only those required for exceptions, and, most critically, reduces the data entry error rate to zero.

## From Cost Centre to Strategic Asset: Empowering Your Team for High-Value Work

One of the most persistent myths surrounding automation is that its primary purpose is to replace people. The reality is precisely the opposite. AI-powered automation is not about eliminating jobs; it is about eliminating the tedious, low-value parts of jobs.

### Reclaiming Thousands of Hours of Strategic Time

The time savings generated by automating manual order processing are transformative. Nearly 60% of workers estimate they could save over six hours a week. Real-world case studies from Australian businesses demonstrate the profound impact:

- Australian food manufacturer The Arnott's Group automated the processing of sales orders that arrived via email. The initiative saved the team over 60 hours of manual effort every week.
- The parts department at Komatsu Australia, which handles over 52,000 invoices annually, automated the processing for just a single supplier and saved 300 hours per year.

Metric	Value (2025)	Implication
Average Number of Technologies Used per Firm	6.9	High level of digital tool adoption.
Median Number of Data Environments Used per Firm	11	Extreme data fragmentation; lack of a single source of truth.

## Section 4: The Solution Framework and a Blueprint in Action

The solution to the industry's systemic challenges lies not in acquiring more disconnected tools, but in adopting a unified, integrated platform that directly addresses financial and operational dysfunction. This is the role of Financial Operations (FinOps) automation, exemplified by the Zudello Platform within the ERP ecosystem. This approach is validated by the real-world transformation of a Property Group.

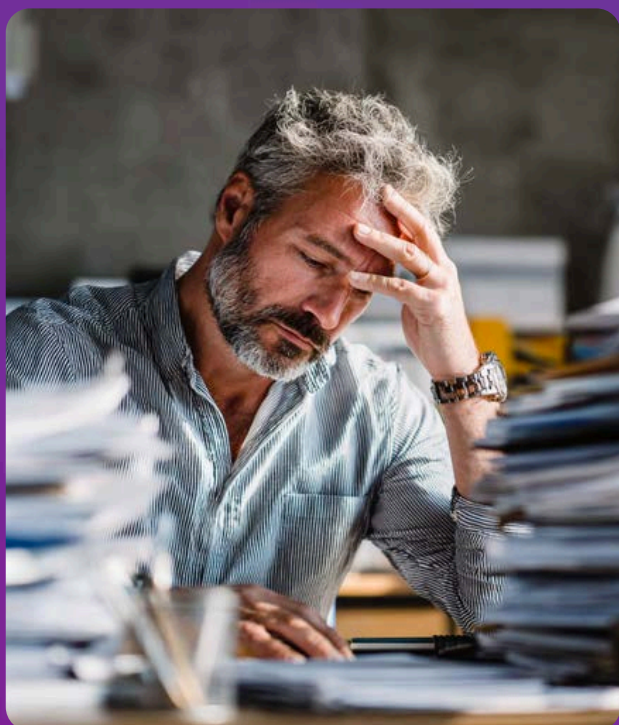


## A New Paradigm: The Integrated FinOps Platform

A modern FinOps platform creates a single source of truth for all project-related financial information, eliminating data silos and manual re-entry. Its core capabilities directly target the industry's key pain points:

- **AI-Powered Automation:** Using AI and Optical Character Recognition (OCR), the Platform automates invoice data extraction, reducing manual AP workload by up to 85%.
- **Real-Time Budget Management:** To pierce the "Fog of Construction Finance," the Platform provides instant visibility into project financials, showing project managers the budget impact of a purchase before they approve it.
- **Integrated Procurement & 3-Way Matching:** The system connects procurement with Accounts Payable, automatically verifying every invoice against its corresponding purchase order and delivery docket. This is the most effective defense against the overbilling that impacts 64% of projects.
- **Construction-Specific Functionality:** A purpose-built solution must natively handle complexities like automated retainage calculation and industry-specific data structures (Cost Codes, Project Codes, etc.).
- **Mobile Accessibility:** Full mobile functionality empowers on-site managers to create POs and approve invoices on the go, drastically reducing approval cycle times.

The power of a specialised FinOps solution like Zudello is magnified when seamlessly integrated with a robust cloud ERP. Zudello acts as the intelligent "front door" for all financial data, managing the complex "first mile" of procurement and approvals. Clean, validated data then flows in real-time to ERP, the central system of record. This moves financial control from the back office (reviewing past costs) to the front line (controlling current commitments).



### Blueprint in Action: A Property Group Example

A Property Group, a major Australian developer with just under 100 distinct business entities, faced the quintessential challenges of inefficiency at scale. Their reliance on a legacy, on-premise ERP system resulted in several critical pain points:

- **The High Cost of Manual Processes:** The company employed over two dozen staff in administrative roles for manual data entry, a direct annual cost to the business of over AUD \$2 million.
- **Lack of Consolidated Visibility:** The process of consolidating financial data across 90 entities was cumbersome and slow, preventing timely and accurate portfolio-level reporting.

By implementing an integrated solution of ERP and Zudello, the business will achieve a complete transformation. ERP's multi-entity architecture solves the consolidation challenge, while Zudello's AI-powered Platform eliminates the costly manual AP process and automated complex approval workflows.

The endorsement from implementation partner, Thrive Technologies, underscores the solution's value. "Zudello is the Rolls Royce of automation," says Sarah Forbes, Business Development Manager at Thrive Technologies. "The range of products, data extraction, user interface and levels of professionalism and service are a cut above the rest. We recommend Zudello in every deal".

This example provides a powerful blueprint, demonstrating that the ROI from integrated FinOps is not just about saving money on AP; it is about building a scalable, transparent financial infrastructure that actively de-risks projects and drives profitability.

## Section 5: Strategic Recommendations and Future Outlook

The evidence presented leads to an inescapable conclusion: the Australian construction industry's traditional operating models are no longer fit for purpose. Continuing with fragmented systems and manual processes is a direct path to eroding margins and diminished competitiveness. The adoption of integrated, intelligent FinOps automation is the critical lever for building a more resilient and profitable future.

### A Roadmap for Adoption

A structured, phased implementation is the most effective way to manage change and maximise ROI.

- **Phase 1: Foundational Cleanup & Strategy.** Begin not with technology, but with process. Conduct a thorough analysis of existing financial workflows to identify the most significant bottlenecks. Based on this, establish a clear digital strategy guided by the core principle of *integration*.
- **Phase 2: Core AP & Procurement Automation.** Focus on achieving quick wins by targeting the areas of greatest inefficiency. Implementing AI-powered invoice capture, automated approval workflows, and purchase order management can deliver immediate and significant reductions in manual workload.
- **Phase 3: Deep Integration & Data Analytics.** With the core financial front-end automated, deepen the integration with the central ERP system. This creates a single, reliable source of truth that can be leveraged for advanced reporting and analytics, providing deeper insights into project performance.
- **Phase 4: Expansion & Optimisation.** Expand the Platform's use to automate adjacent processes like contract and expense management. Leverage the rich data now available to continuously refine and optimise financial workflows, seeking further efficiencies and enhanced controls.

## Beyond Efficiency: Leveraging Data for Predictive Insights

The ultimate goal of a unified financial data platform is not just to report on the past more efficiently. The true strategic value lies in using that data to predict the future. An integrated FinOps Platform transforms financial data from a lagging indicator of past performance into a leading indicator of future outcomes. Firms can conduct detailed analyses of supplier performance, forecast cash flow with greater accuracy, use trend analysis to identify at-risk projects earlier, and develop more competitive bids for future work. This elevates the finance function from a back-office cost center to a vital, strategic driver of competitive advantage.

## The Future of Construction FinOps

The evolution of financial technology in construction will continue to accelerate. Key trends to watch include:

- **Hyper-Automation:** AI will expand beyond data extraction to handle more complex tasks like advanced fraud detection and intelligent recommendations for invoice coding and approval routing.
- **Embedded Finance and Payments:** FinOps platforms will increasingly embed payment solutions directly within their workflows, further streamlining the procure-to-pay lifecycle.
- **Sustainability and ESG Reporting:** FinOps platforms will become essential tools for meeting Environmental, Social, and Governance (ESG) demands. By capturing detailed line-item data, the more advanced Platforms can track and report on key sustainability metrics, such as the embodied carbon of building materials or the diversity of the supplier base.

In conclusion, the Australian construction industry is at a pivotal moment. It is tasked with building the nation's future, yet it is constrained by legacy processes that put this future at risk. The industry can no longer afford to operate within the fog of financial and operational inefficiency. The path forward requires a clear-eyed commitment to strategic digital transformation. The adoption of integrated, intelligent, and construction-specific FinOps automation is the essential lever that will enable firms to navigate the chasm between demand and capacity, separating those that will merely survive from those that will thrive and lead the industry into a more productive and resilient era.





# Zudello Construction

Zudello's FinOps Automation delivers efficient automation, real-time financial transparency, and tight cost controls across construction projects, budgets, contracts, and procurement.



- **Data Extraction** – Industry-leading accuracy, performance, and security
- **Transparency** – Real-time insights into status, spend, approvals, and compliance
- **Clarity** – Instant visibility into project margins
- **Budgets** – Real-time control of costs, commitments, and remaining funds
- **Contract Management** – Verifies contracted supplier pricing
- **Retention** – Automates retention handling for key invoices
- **Mobile** – On-the-go access and purchase templates for field and approvers
- **ERP Integration** – Customised, real-time two-way syncing with your ERP

## What You Gain from Zudello Construction

### Automation

Zudello automates time-consuming, error-prone finance and approval tasks to save time, improve margins and deliver predictable project outcomes. Our comprehensive, integrated suite of automation tools allows users to manage all finance tasks with ease, using a single solution that streamlines operations from end to end.

### Mobile

With mobile access, site workers can create purchase orders using pre-configured forms in Zudello, while managers view real-time project statuses. For added simplicity, Zudello integrates with Microsoft Teams and includes in-app collaboration tools, keeping everyone aligned and projects running smoothly across all devices.

### Project controls

Zudello shows the impact of purchase requests or invoices on project budgets pre-approval, enabling informed decisions that improve profitability and reporting. Streamlined approvals support Project Managers. Supplier onboarding is simplified - centralise vendor data, validate bank details, and maintain records for stronger relationships and smoother procurement.

### Flexibility

Zudello adapts to your business processes and evolves as they change, including approval workflows, project budgets, or supplier contracts. Its flexibility makes it a vital tool for both finance teams and on-site construction managers, ensuring smooth operations and alignment across departments as needs shift over time.

## Compliance

Zudello's smart 2/3-way matching ensures every invoice aligns with what was ordered and received, preventing overpayments and identifying discrepancies on itemised or blanket POs. All records are securely stored, allowing project managers and auditors to access complete documentation for improved compliance and accurate project spend tracking.

## Reporting and transparency

Zudello provides real-time insights with purchase and invoice approvals, covering contract pricing, budget impacts, compliance, and policies. Detailed reporting delivers live updates on expenditure and approval statuses. By accessing these insights, project and construction managers can maintain tighter control over project margins and financial performance.



“Zudello is the Rolls Royce of automation. The range of products, data extraction, user interface and levels of professionalism and service are a cut above the rest. We recommend Zudello to every customer.”

**Sarah Forbes**

Thrive Technologies, Australia

## CONTACT US

For more information and a personalised demonstration, please contact [hello@zudello.com](mailto:hello@zudello.com)

[zudello.com](https://zudello.com)

## Works Referenced

- The opportunity cost of long-term poor productivity performance in the Australian Construction Industry. <https://www.constructors.com.au/wp-content/uploads/2023/08/BIS-Oxford-Economics-Australia-ACA-Construction-Industry-Productivity-Report-13.6.23.pdf>
- CEDA, "Size matters: Why construction productivity is so weak," 2025. <https://www.ceda.com.au/getmedia/ac8faf0b-651b-4647-9ddf-9cbd6e385fbc/CEDA-Construction-productivity-Summary-2025-FINAL.pdf>
- 5 Risks Shaping Australia's Construction Sector in 2025 | BCI Central. <https://www.bcicentral.com/risks-and-opportunities-shaping-australias-construction-industry-in-2025/>
- Productivity in housing construction is a tricky problem - University of Technology Sydney. <https://www.uts.edu.au/news/2025/02/productivity-housing-construction-tricky-problem>
- Australia: Construction market holds steady in early 2025 - RICS. <https://www.rics.org/news-insights/australia-construction-market-holds-steady-early-2025>
- The Australian Construction Industry Outlook 2025 | The Access Group. <https://www.theaccessgroup.com/en-au/blog/con-the-australian-construction-industry-outlook-2025/>
- Matter's 2025 Vision: Industry trends and challenges. <https://matterconsulting.com.au/blog/people/matters-2025-vision-industry-trends-and-challenges>
- Reinventing construction through a productivity revolution - McKinsey. <https://www.mckinsey.com/capabilities/operations/our-insights/reinventing-construction-through-a-productivity-revolution>
- Building The Future - Key Trends Shaping Australia's Construction Industry In 2025. <https://www.altusgroup.com/insights/trends-australia-construction-industry-in-2025/>
- Size matters: Why construction productivity is so weak - CEDA. <https://www.ceda.com.au/researchandpolicies/research/workforce-skills/size-matters-why-construction-productivity-is-so-weak>
- How construction technology can help solve Australia's housing crisis | Pursuit by the University of Melbourne. <https://pursuit.unimelb.edu.au/articles/how-construction-technology-can-help-solve-australias-housing-crisis>
- Why construction productivity growth is lagging — and what to do about it. <https://www.constructiondive.com/news/why-construction-productivity-lags-mckinsey/736082/>
- The construction productivity imperative | McKinsey., <https://www.mckinsey.com/capabilities/operations/our-insights/the-construction-productivity-imperative>
- Critical issues plague Australian infrastructure projects - create digital. <https://createdigital.org.au/critical-issues-plague-infrastructure-projects/>
- Delivering on construction productivity is no longer optional - McKinsey, <https://www.mckinsey.com/capabilities/operations/our-insights/delivering-on-construction-productivity-is-no-longer-optional>
- Australian construction industry invests heavily in new technology. [https://www.buildaustralia.com.au/news\\_article/australian-construction-industry-invests-heavily-in-new-technology-amid-economic-optimism/](https://www.buildaustralia.com.au/news_article/australian-construction-industry-invests-heavily-in-new-technology-amid-economic-optimism/)
- Five Key Take-Aways: Australian State of Digital Adoption in the Construction Industry 2024. <https://www.1breadcrumb.com/en-au/five-key-take-aways-australian-state-of-digital-adoption-in-the-construction-industry-2024/>
- Australia Construction Market Analysis | 2025-2030 - NextMSC, accessed June 16, 2025, <https://www.nextmsc.com/report/australia-construction-market>
- Australia Construction Industry Research 2024: Output to Slow to 2% Growth this Year Due to Rising Insolvencies, Labour Shortages, Material Supply Issues and High Costs - Forecast to 2028 - ResearchAndMarkets.com - Business Wire, accessed June 16, 2025, <https://www.businesswire.com/news/home/20240916670205/en/Australia-Construction-Industry-Research-2024-Output-to-Slow-to-2-Growth-this-Year-Due-to-Rising-Insolvencies-Labour-Shortages-Material-Supply-Issues-and-High-Costs---Forecast-to-2028---ResearchAndMarkets.com>
- Digital Transformation In Construction Industry | Access Coins - The Access Group, accessed June 16, 2025, <https://www.theaccessgroup.com/en-au/construction/resources/digital-transformation-construction/>