



South African Council
for the Architectural Profession

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SACAP Launches AI-Powered Plan Assessor Tool for Stakeholder Testing

The South African Council for the Architectural Profession (SACAP) has taken a significant step towards digital transformation and regulatory innovation with the introduction of its [AI Plan Assessor Tool](#), now embedded on the SACAP website for stakeholder testing and evaluation.

The tool has been developed to explore how artificial intelligence can support the assessment of building plans by providing preliminary compliance checks against National Building Regulations, SPLUMA, SANS400 and Town Planning bylaws. By leveraging emerging technologies, SACAP aims to improve efficiency, consistency, and turnaround times within the built environment while enhancing the overall user experience for architectural professionals, municipalities, and other stakeholders.

As part of the pilot phase, SACAP invites registered persons, municipalities, building control officers, educational institutions, and industry stakeholders to access the platform, test its functionality, and provide valuable feedback.

Stakeholder input will play a critical role in refining the tool, identifying areas for improvement, and ensuring that the final solution meets the needs of the profession and regulatory environment. This initiative demonstrates SACAP's commitment to innovation, service excellence, and the responsible adoption of technology to support professional practice and strengthen regulatory processes within South Africa's architectural sector.

Kind Regards,
SACAP