

An Academic Perspective of Enterprise Architecture

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Agenda

- Background (Academia)
- The University of Pretoria
- Current EA Research
- Contribution UP can make to industry
- Conclusion
- Questions



Background 1 -2



The White Paper on Higher Education (cited Bender et al., 2006a:14) is partly a strategic document that aims to **transform** the current higher education system into a system that:

- Promotes all with a fair and equal chance in higher education to realise their potential. It wants to **eradicate all forms of unfair discrimination and past inequalities**.
- Through teaching, learning and research programmes **meet national needs of a growing economy** in a global environment.
- **Promotes a democratic ethos** where human rights are respected through programmes that support critical discourse, creative thinking, cultural tolerance and a commitment to a non-sexist, non-racist humane society.
- Uphold academic quality and further promotes all forms of knowledge and scholarships that **address the diverse problems and demands of national, Southern African and African contexts**.

Background 2-2



The academic vision:

“Through teaching, learning and research programmes meet national needs of a growing economy in a global environment.”

(White Paper on Higher Education cited Bender et al., 2006a)

The University of Pretoria



- *UP in top 500 of World – Definitely best in SA*
- *35 000+ Students*
- *IT in Organizations focus group in the Faculty EBIT*
- *Providing our first Enterprise Architecture Honours Course*
- *Building International network of Researchers - (ReallRM, Enterprise Architecture Conference)*
- *TOGAF Certification*

- *Providing short courses through UP*

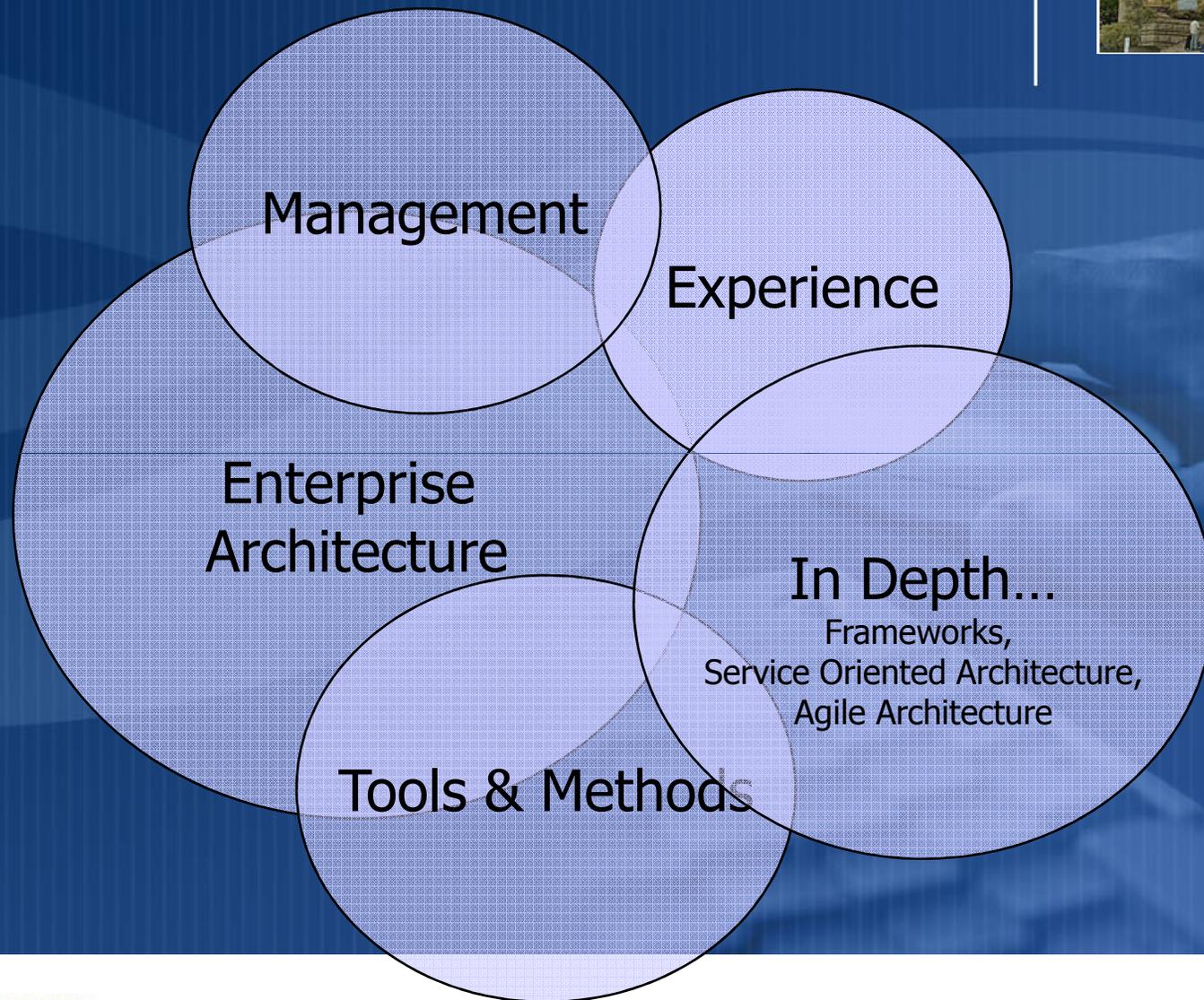
Current EA Research Domains 1-3



- **Building Foundations**
 - Forming an EA Team
 - Building Governance Mechanisms
 - Assessing organizational readiness
 - Formulating best practices & frameworks (TOGAF)
- **Enabling Growth**
 - Building Holistic EA
 - Identifying Architecture Patterns
 - Overcoming Resistance
 - Growth through EA Maturity Assessment
- **Demonstrating Value**
 - Portfolio Management Concepts
 - Measuring EA Value – Metrics

Current EA Research Domains

2-3





The Status quo of Enterprise Architecture implementation in
South African financial services companies
– Matthee, Tobin, van der Merwe (October 2006)

Conclusion

- Trough teaching, learning and research programmes Academics must meet the national needs of a growing economy in a global environment.
- The role of the University of Pretoria .
- Some of the EA research areas.
- Questions?

