

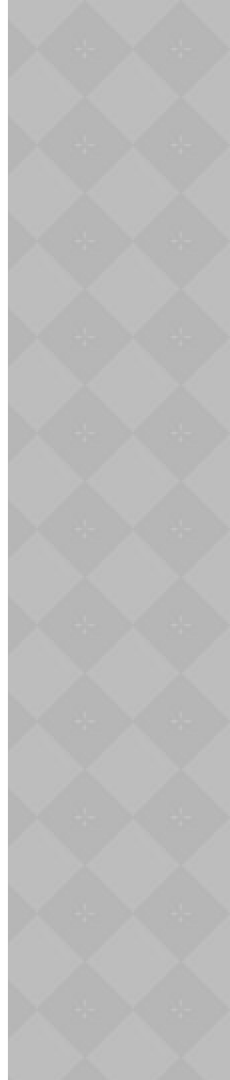
**Nurturing the culture of collaborative
ecosystems using real-time
communication: sharing experiences from
three institutions**



BY

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OBJECTIVE is to reach the greener paddock across the river through Nurturing A culture of collaborative ecosystems using real-time co



Collaborative ecosystem

- By 2030, digitization will change the way we live, travel and work
- stake your claim in the connected ecosystem now
- With an open and secure ecosystem, where collaboration and innovation are encouraged, the possibilities are limitless.

Network of Digital Twins = Connectivity + Communication + Collaboration

- Universities operating in a network require **strong information technology support** to successfully collaborate
- information technology platforms are necessary to enhance **quick connect capability** and to transform University networks into digital ecosystems
- **WITH REAL-TIME DATA ON YOUR SIDE, YOU CAN:**
 - Conduct ongoing analysis
 - Respond to demanding customers faster
 - Enhance product designs
 - Perform proactive and predictive maintenance
 - Carry out condition and environmental modeling

Why collaboration?

- **collaboration with customers, partners or suppliers can yield tremendous competitive advantage**
- Universities have to use a **systematic approach** to develop a sound and successful strategy for building **collaborative ecosystems and communities**
- the age of digital collaboration using web-based collaboration space is upon us.
- It is through digital collaboration that we can:
- **work across technologies, across channels and across geographic boundaries**
- to promote efficiency, effectiveness and productivity in organisations.

Purpose of study: spotting & supporting Collaborative ecosystems

- This study examined the experiences of three institutions in using real-time communication to promote the culture of collaborative ecosystems in education.

METHODOLOGY

- The research was a survey of three institutions in Southern Africa involved in Open and Distance Teaching.
- These were purposively sampled.
- The research utilised survey monkey questionnaire to gather real-time



Results: digital collaboration nurtures the culture of collaborative ecosystems

- it promotes real-time collaboration
- strengthens camaraderie,
- is a hub for teamwork,
- removes roadblocks to productivity,
- enables the use of multiple platforms,
- facilitate the integration of tasks,
- offer very similar functionalities,
- empower employees,
- And enable solicitation of end-user feedback among others.

Areas of collaborations in the Universities

- Collaboration areas mentioned included:
- using mobile-video tools,
- video conferencing,
- multi-author editing,
- continuous communication
- and project management among others

collaboration technologies used

- Use of appropriate, affordable and compatible collaboration technologies
- such as Basecamp,
- Google Hangouts,
- Skype,
- SharePoint,
- HipChat,
- Microsoft Teams etc were also mentioned.

Platform for collaboration

- Use of the right platform
- platform integration and adoption
- **Quote:** “management integrates collaboration tools into work processes rather than force work processes to accommodate tools”
- The issue of **technology acceptance** from the shop floor was mentioned.
- **Staff support** in using new software to increase technology adoption.
- **Capacity building**; staff are fully trained, educated and can offer constructive feedback

Research conclusion

- This research taught us that, in research:
- *“Everyone is entitled to his own opinion, but not his own facts.”* -This statement is attributed to Senator Patrick Moynihan.



CONCLUSIONS Reached

The research concluded that institutions must keep eyes and ears open, pool their collective skills and resources, foster teamwork and reward digital collaborations to promote productivity.

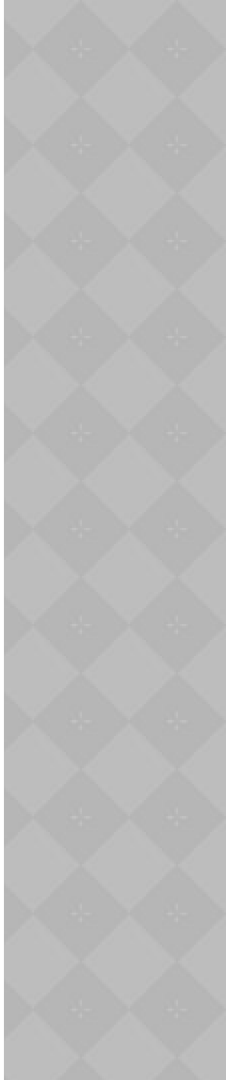


recommendations

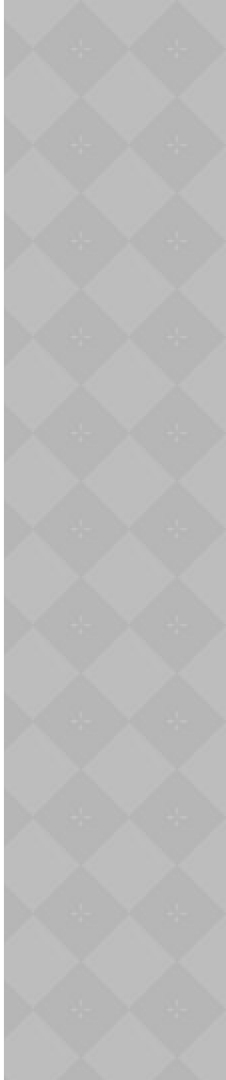
- institutions must explore collaboration solutions, nurture collaborative culture and integrate digital collaboration into educational operations to promote productivity in the digital era
- now is the time to clarify your vision and create a strategy or you will get locked out from reaching your full potential



think not outside the box but
without the box altogether



Einsteinian logic: you can't solve problems at the same level of thinking which applied when you created them in the first place



In Zimbabwe, all researchers, are
welcome **I thank you**

