



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA

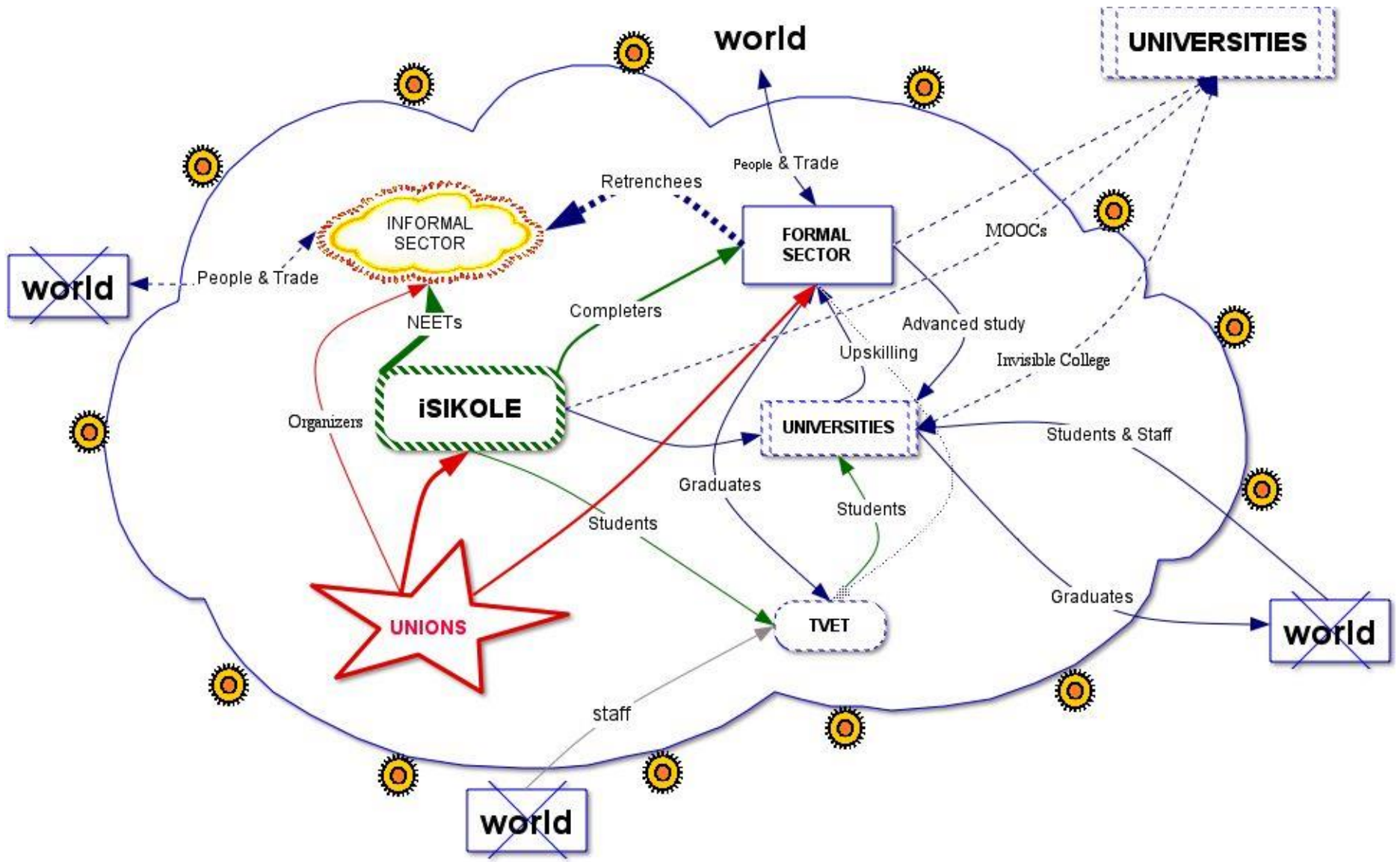


Science, Technology and Innovation Policy Colloquium

Protea Hotel Fire & Ice, Pretoria Menlyn

Prof Michael Kahn
Stellenbosch University

8-9 September 2022



Re-think culture & communication

- Polygraph the Senior Management Service
- English or Afrikaans should be offered as a foreign language of communication in the teaching environment
- Zero rate books; free wi-fi to all schools, colleges, universities and municipal offices.
- All to attain oral literacy in at least two Official languages one of which is English or Afrikaans.

Re-imagine STEM

- Declare teaching an Essential Service
- Trainers to be professionally qualified with recent, relevant experience in their occupational setting
- Initial teacher education to be 50% school-based
- Teachers assessed and deployed according to pedagogic content knowledge
- Recapitalise Dinaledi Schools

- New learning models; early exposure to coding; raise the goal posts
- Autonomy to leading TVET Colleges
- Establish the Apex Body & incentivise use-oriented research
- Formative and impact evaluation for all large-scale projects
- *The Doors of Learning and Culture shall be opened*