GLOBAL SCIENTIFIC CORPS
Zimbabwe Institutions’ Perspective

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PERTINENT ZIMBABWE S&T INSTITUTIONS

- Research Council of Zimbabwe
- Zimbabwe Academy of Sciences
- National Council for Higher Education
- Zimbabwe Institution of Engineers
- Agricultural Research Council
- Medical Research Council
- 13 Universities + 5 degree awarding Polytechnics + 3 Technical Colleges
- 11 Teachers Colleges
- > 15 Research Institutes
VACANCY RATES

Universities 40%

• Some courses unable to run
• New courses not introduced
• Affects quality of teaching, research and outreach services
• Administration also suffering: Junior staff now holding Departmental and Faculty administrative posts
VACANCY RATES

Polytechnics and Technical Colleges >20%

• Same as for universities
• Some courses are not run and new ones not introduced

Areas most affected
Civil Engineering & Construction, Mechanical and Production engineering, Library and Information Science, Printing and graphics, Electrical Engineering, Automotive Engineering
Teacher Training Colleges >25%

- Same as for universities and technical colleges
- Some courses not run and new ones not introduced
- Impact of vacancy rates more profound as this affects future generation of pupils in the entire education system
VACANCY RATES

Research Institutes ~50%

1. Junior research scientists in posts
2. No critical mass to effect significant impact of Science and Technology on socio-economic development
3. Discontinuities in research programmes
4. Stakeholder confidence low
BRAIN DRAIN ISSUES

• Greener pastures in industrialised countries
• Poor working conditions in local institutes
• Low remunerations and incentives
• Inadequate infrastructure
ROLE OF THE GSC FELLOWS

Provide expertise backup (not administrative leadership)
Fellow expected to have track record of research and/or management of S&T institutions
• Train postgraduate students
• Provide seniority in research institutes
• See through time-bound projects in research
• Training in formulating and writing projects proposals for funding
• Writing scientific papers for publications
• International collaborations
ROLE OF HOST INSTITUTION

• Office and living Accommodation
• Local travel expenses
• Easing bureaucratic processes
• Creating a pleasant and welcoming atmosphere
• Monitoring and evaluation of the programme of the Fellow.
• Liaison with the Partnership organs
THANK YOU