



**FAWE**

Forum for African Women Educationalists  
Forum des éducatrices africaines

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# PROMOTING THE PARTICIPATION AND ACHIEVEMENT OF GIRLS IN STEM (SCIENCE TECHNOLOGY, ENGINEERING & MATHEMATICS): THE FAWE EXPERIENCE

Presented by: Martha Muhwezi  
at

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# Making learning and teaching of STEM for girls Practical and fun:

## **FAWE's experience**



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## Lessons Learnt

### Required paradigm shift

- ❑ Promoting learner problem-solving, critical thinking, and collaboration skills thru ICT.
- ❑ Relevance
- ❑ Sensitization
- ❑ Access and training
- ❑ Teaching methodologies and approaches that spark students' (particularly girls) interest in STEM (hands on)



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## Lessons Learnt

### Required paradigm shift

- ❑ STEM competitions to encourage girls' interest and participation (demystify theories on STEM and girls).
- ❑ Empowerment of girls/Combating stereotypes about girls and STEM
- ❑ Enabling Environment: **Infrastructure (internet access)**
- ❑ Exposing girls to role models
- ❑ Equipping teachers with gender sensitive teaching methodologies



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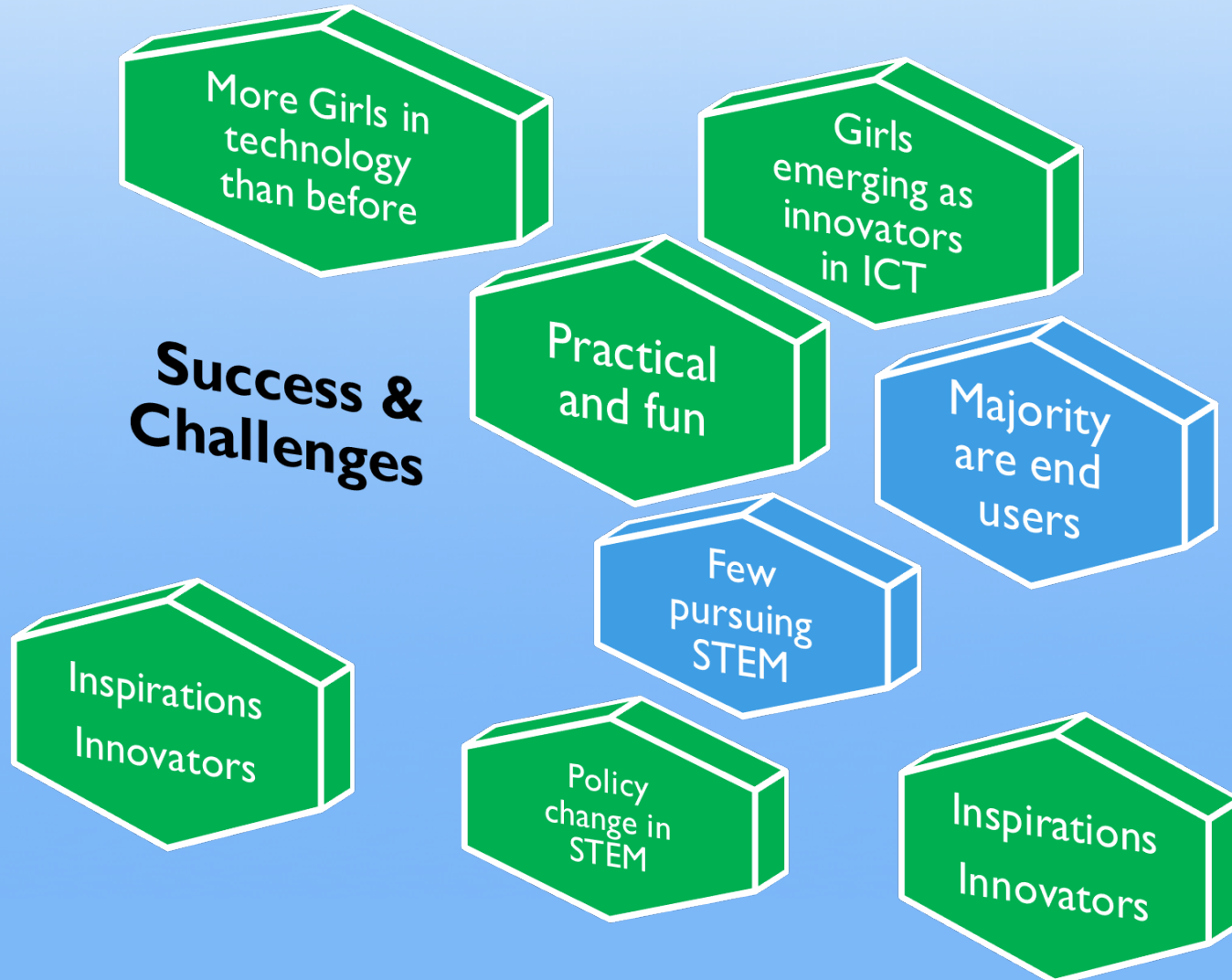
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## Lessons Learnt

### Policy/Strategy/Practices Reform and Innovation

- Strengthened national legislation, policies and programs (advocacy and campaigns)
- Expansion of access and participation (**ICT regulations**)
- Strengthening gender sensitive quality Education & training
- Making STEM relevant to the needs of learners especially girls
- Build students'/teachers abilities in use of technology in the teaching & learning processes.

# Lessons Learnt





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**Girls can excel in STEM ICT:  
Give them the chance!**

**Thank you for listening!**

