

Workshop presentation



Potentials for sustainable construction based on education

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Workshop Group

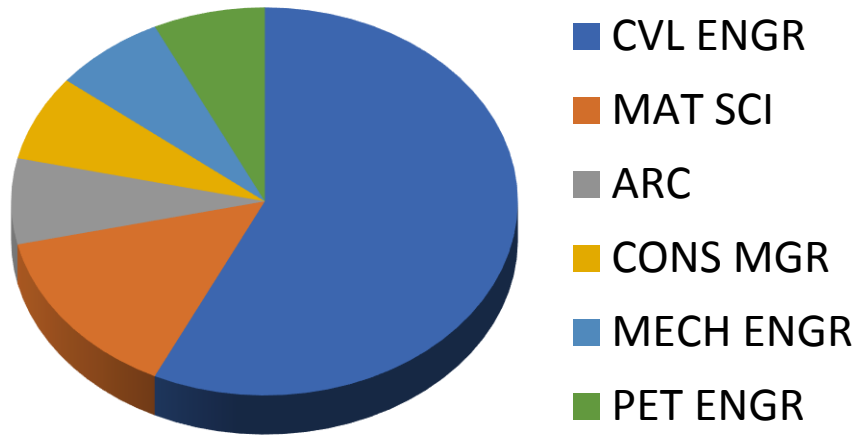


Akin, Karen, Kuukuwa, Sophia, Eunice, Caroline, Banice,
Jonathan, Mark, Edward, Kelvin, Joseph, Bruce,
Anthony

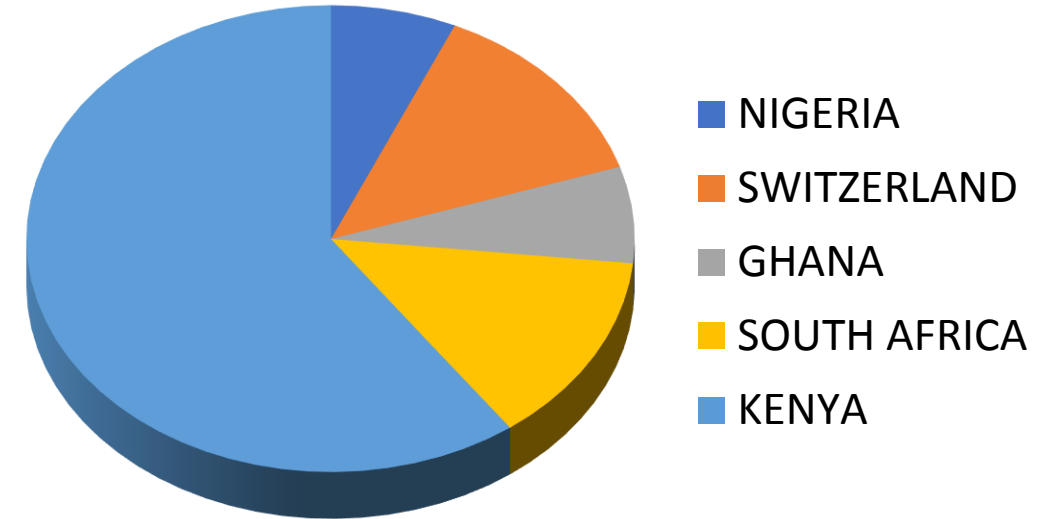


Workshop Group

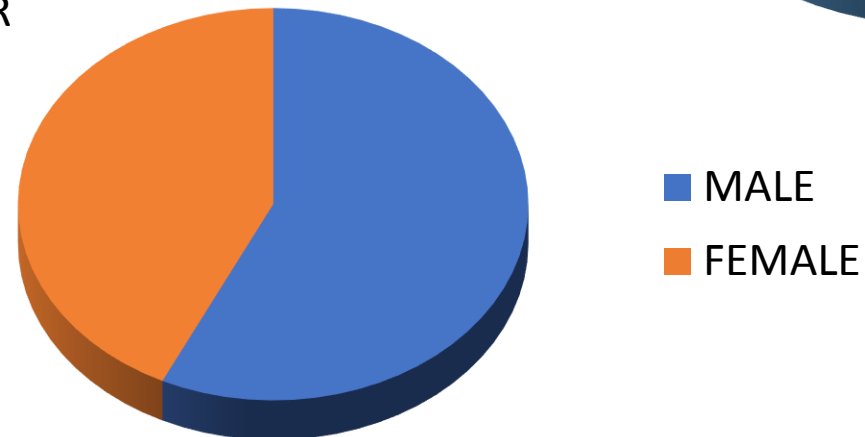
Professions



Countries

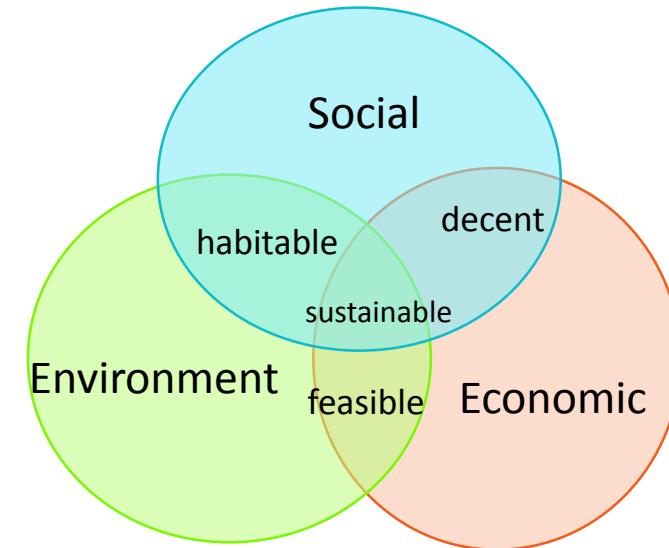


Gender



Introduction

- Sustainability has been defined as “meeting the needs of today without compromising the ability of future generations to meet their own needs.”
- Sustainable construction may be referred to as a concept of construction process/activities as it affects phases of a project from design through stages of construction to occupation or use of the infrastructure that is environmentally friendly, economically efficient with social compatibility.



Education Overview



FORMAL EDUCATION

INFORMAL EDUCATION

Education Overview



FORMAL EDUCATION

University Education and Curriculum Development
Continuing Education and Professional Development
City Councils and Governments
Dissemination of Scientific Research
Practical Training

CHALLENGES

Already overworked or overloaded curriculum

Education Overview



INFORMAL EDUCATION

Training for construction industry workers

Advocacy with unskilled workers (majority of industry)

Educating general public

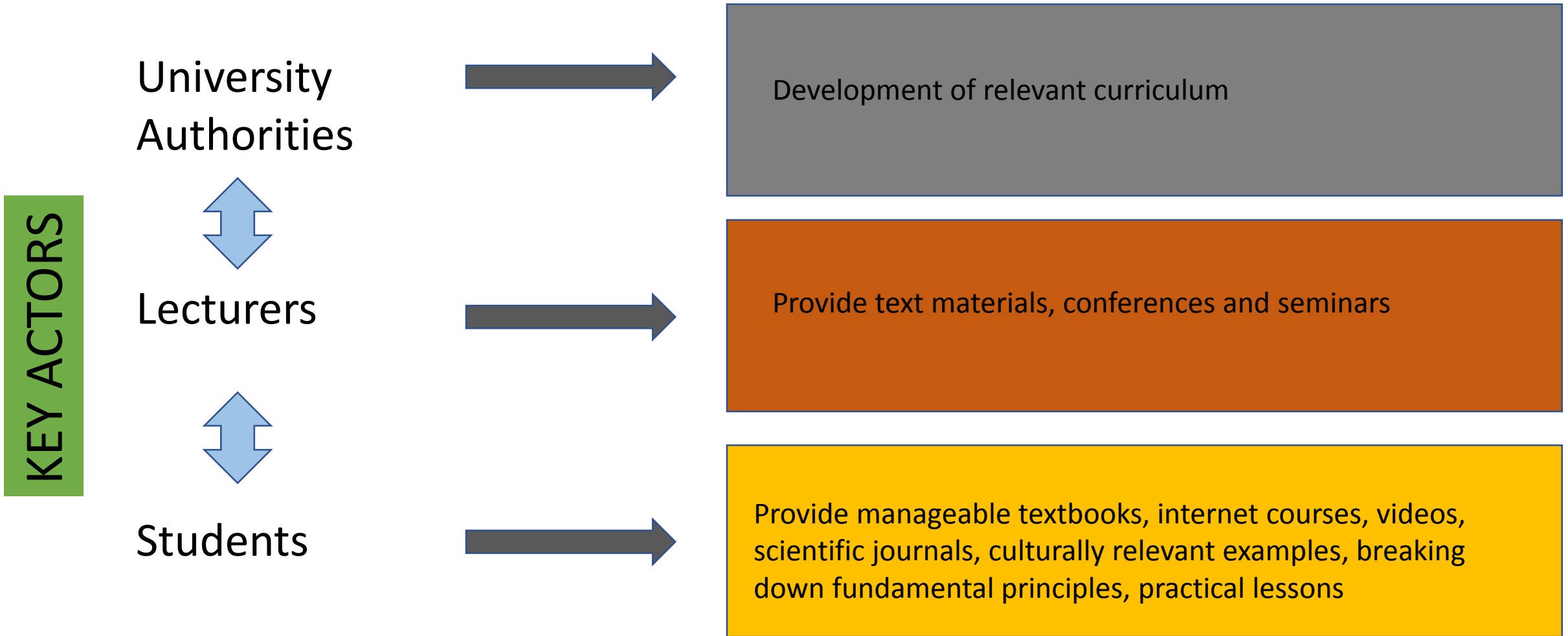
Dissemination of scientific research

CHALLENGES

People are resistant to change

Mass education is difficult

University Education



Continuing Education



Collaboration with professional bodies to set guidelines, standards etc.

Continuous training courses for practicing professionals

Seminars, workshops and conferences

Advocacy for policy

Using economic/money arguments as well as social and environmental

Developing standards and guidelines for industry relevant to our local contexts

Go through relevant international agencies and ministries for education (UNEP)

Informal Channels



Professionals to participate in volunteer training for informal workers

Reach workers through unions and groups

Design basic training for builders in informal settings

Summary and Conclusions



Generally education is both formal and informal and we must work to address both sectors

Engagement with professionals, universities, governments and public (media)

THANK YOU
