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Evaluating ICT preparedness of higher education in Somalia: Strengths and Weakness:

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Introduction

Introduction

- ✓ Living in the information age, ICT has been played an important role in various activities of human live including, education (**Buabeng-Andoh and Yidana 2014, Liu, Toki et al. 2014, Koç, Turan et al. 2016**).
- ✓ In Somalia, since 2000 there has been a big push to introduce IT infrastructure include hardware, software into higher educations.
- ✓ Accordingly, universities have been initiated to spend a tremendous amount of money to improve their ICT infrastructure to support teaching and learning (**Harry, 2007**).

Introduction (2)

- ✓ The use of ICT tools through higher education institution in Somalia is still in early stages of development. Due to its newness in Universities, ICT may not be well accepted by students and staffs.
- ✓ No research studies have been conducted so far with the aim of determining the ICT readiness of Somali higher institutions towards teaching-learning perspectives.

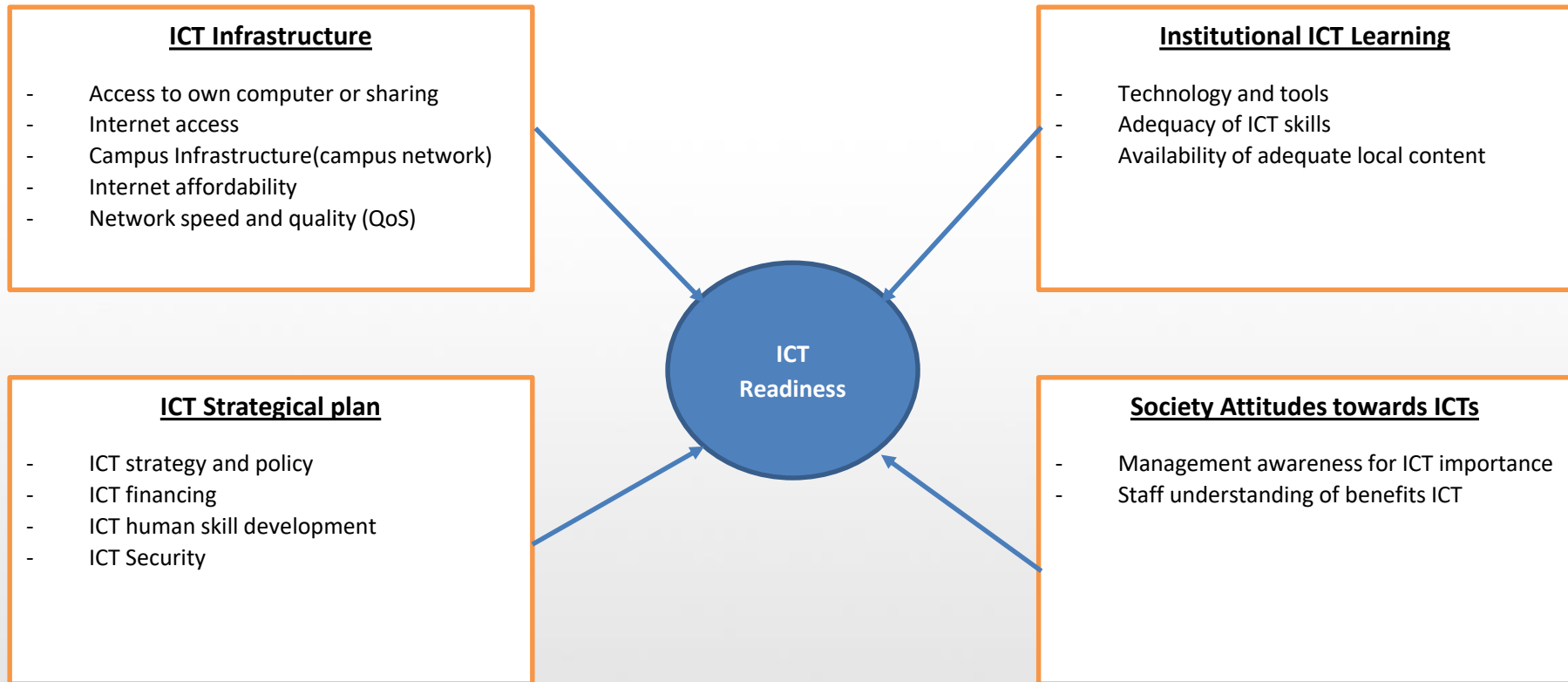
Introduction (3)

- ✓ Main Objectives:
 - ✓ To understand the ICT preparedness of Somali higher education institutions.
 - ✓ To identify the current level of ICT usage in Somali higher education institutions.
 - ✓ To evaluate the society attitude towards ICT usage for teaching and learning perspectives.

Research Methodology (Cont..)

- 30 Somali higher education institutions were selected with more than 1000 students and established before 2012.
- The Universities were selected across all Somali regions.
- A total of 300 questionnaire copies were distributed through out 30 universities, 272 were returned, representing 91.0% return rate.

Proposed Model



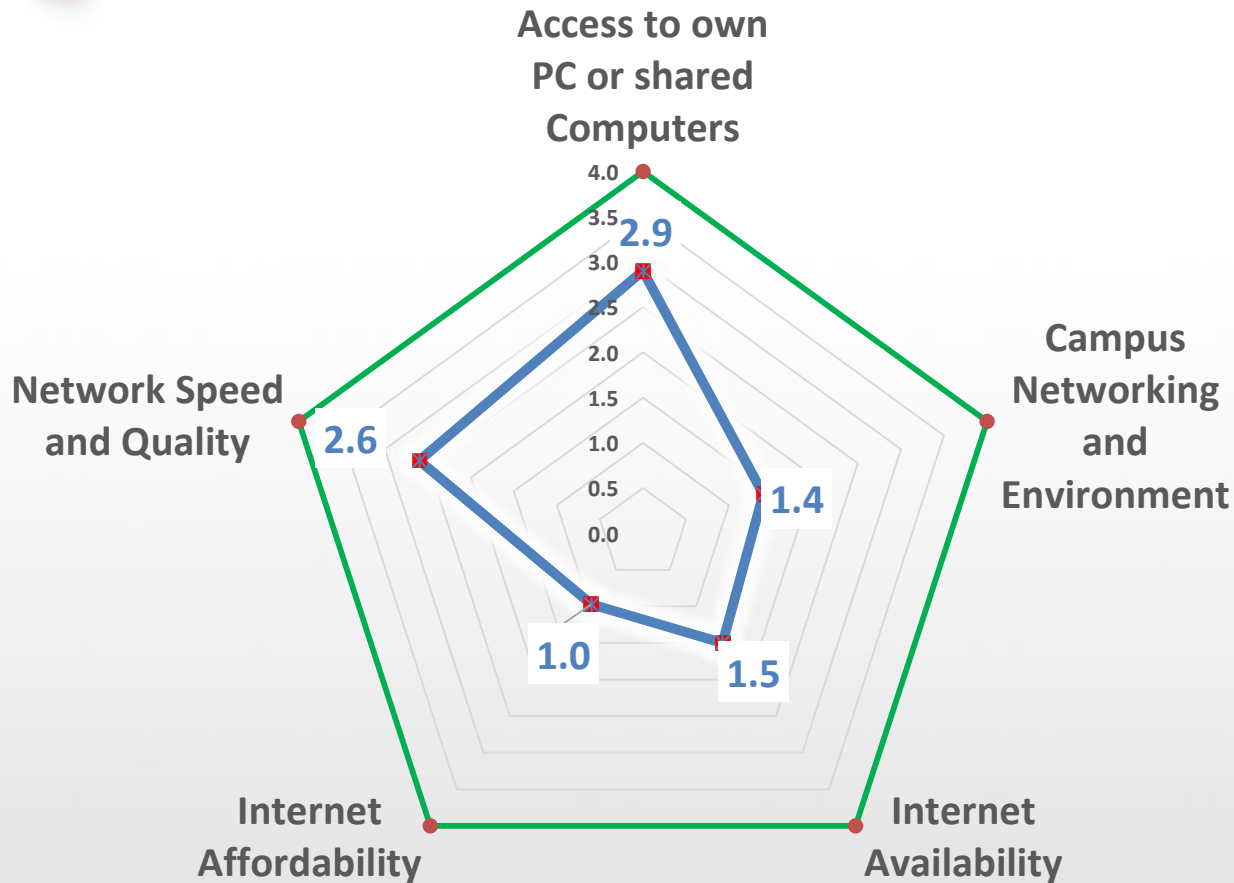


Research Findings



ICT Infrastructure

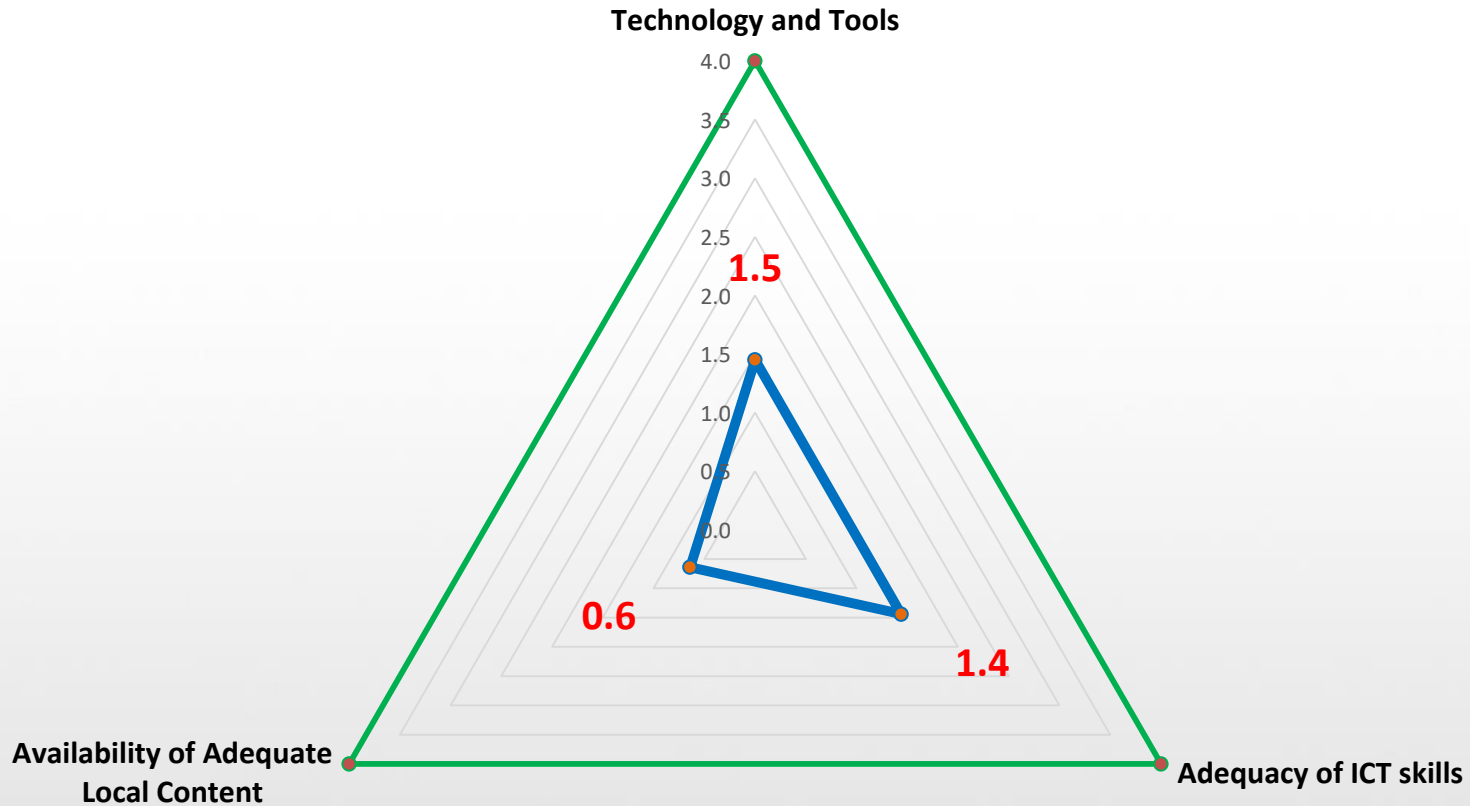
ICT Infrastructure Indicators





Institutional ICT Learning

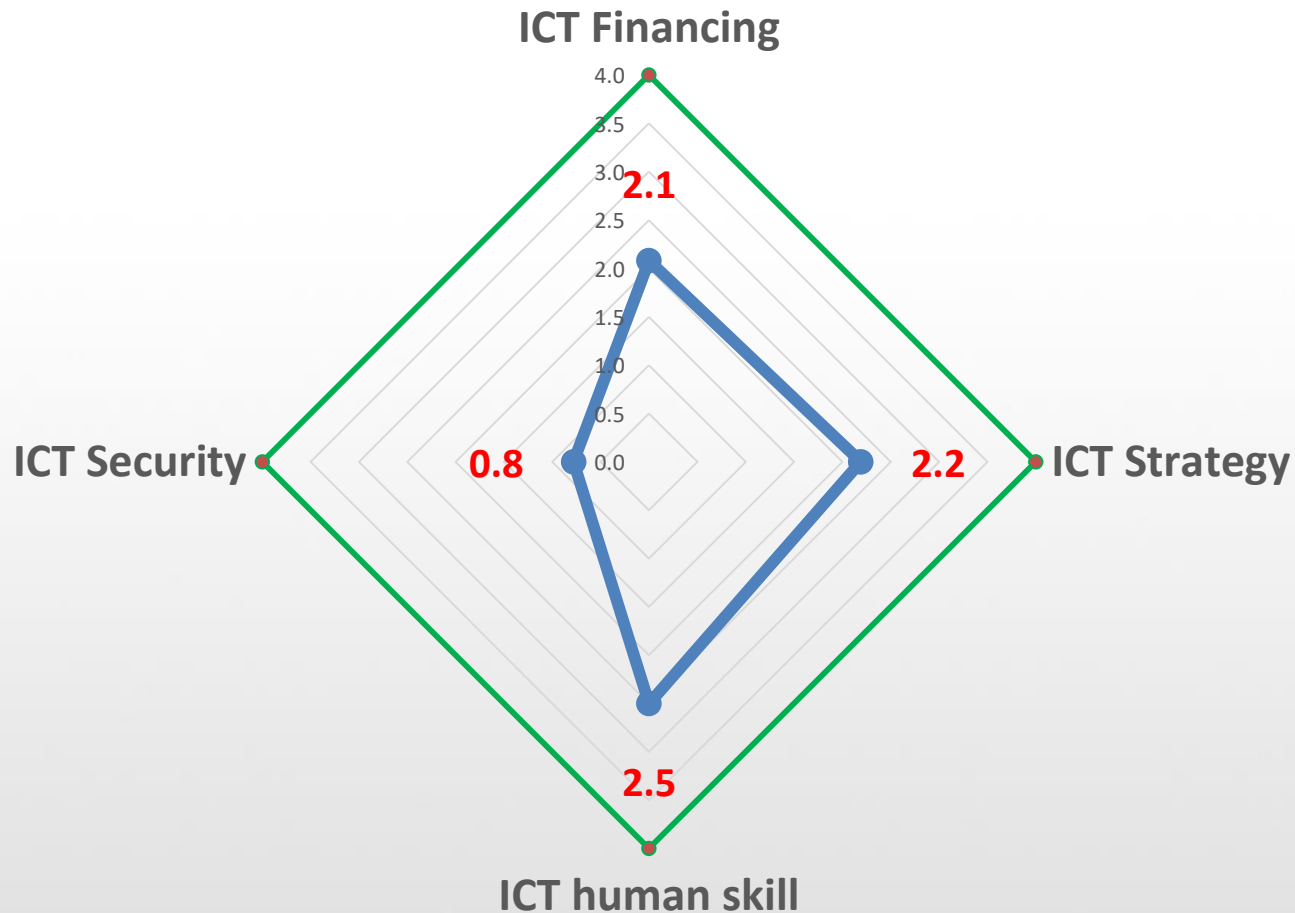
Institutional ICT learning





ICT Strategy and Plan

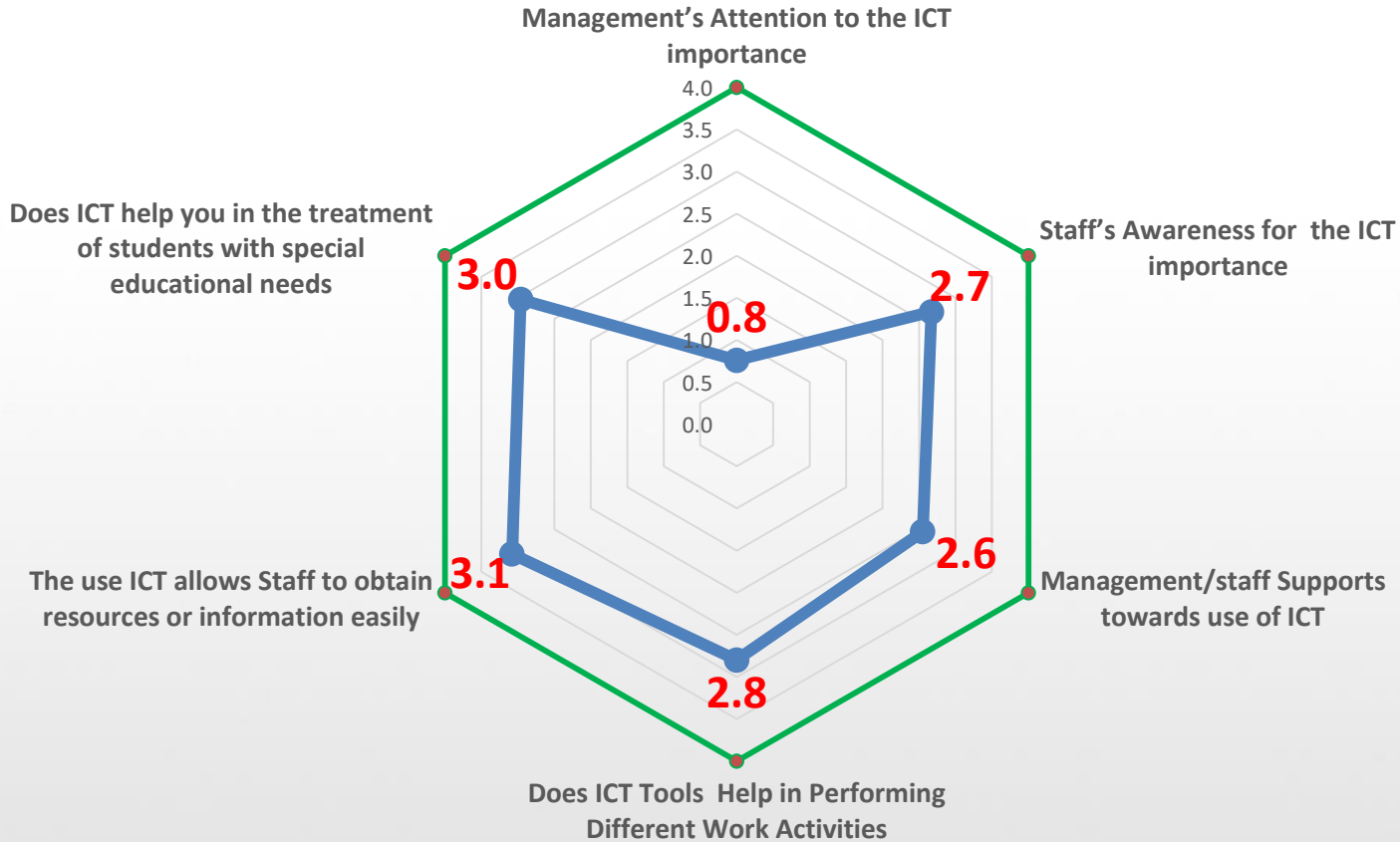
ICT Strategy and Plan Indicators



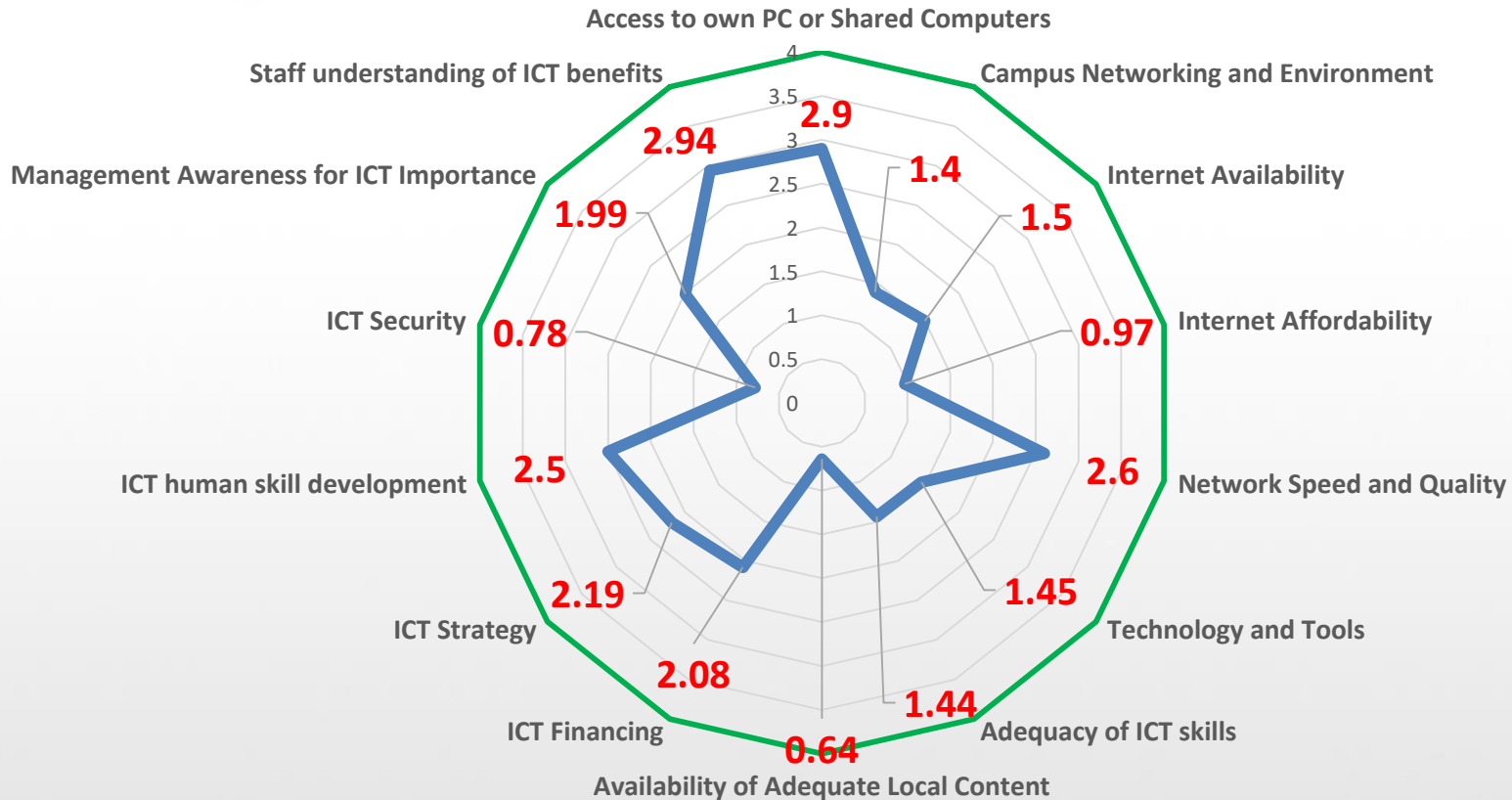


ICT Society Attitudes

Society Attitudes Towards ICT



Overall Performance of all Indicators



Conclusions

- In this study, the ICT readiness assessment model was developed and tested with 30 Somali Universities. The model is composed of 14 indicators.
- The results shows that: Somali HEIs ICT readiness is 46%

Conclusions (2)

Strengths	stage	Weaknesses	stage
Access to own PC or shared Computers	2.9	Availability of Adequate Local Content	0.64
Staff understanding of ICT benefits	2.94	ICT Security	0.78
Network Speed and Quality	2.6	Internet affordability	0.97



Recommendations

Urgent Solutions are needed on the following:

1. Availability of Adequate Local Content
2. ICT Security
3. Internet affordability



Thanks for your attention