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ICT CAPACITY BUILDING

Presented:
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About WITSA

- Founded in 1978, the World Information Technology and Services Alliance (WITSA) is a leading consortium of ICT industry association members from over 80 countries/economies around the world.

- WITSA's members represent more than 90 percent of the world ICT market.
ICT Skills Deficiencies

- Lack of technical skills e.g. coders, programmers, telecommunication engineers, web developers, etc.
- ICT/software skills difficult to obtain.
- Challenges in identifying candidates for high-value roles, e.g. cyber security experts.
- High salary demands by few available experts.
ICT Skills Deficiencies

- Small firms and the self-employed do not invest in ICT training and development.
- Many employers do not provide training to employees on short-term contracts.
- Few female experts in ICT jobs.
ICT Training and Employment

- Graduates do not possess required ICT skills.
- Courses more general than specialized.
- Courses do not keep pace with evolving technology.
- Too much reliance on textbooks (theory).
- Graduates lack soft skills and experience.
ICT Skills Initiative

Focus:

- Globally benchmarked ICT skills assessment, training and certification.
- Alignment of ICT skills with industry requirements.
- Industry partnerships in curricula development, learning content, testing and certification.
- Rapid scalability and replication.
Approach by WITSA

- Advocate international public policies that advance the industry's growth and development;
- Facilitate international trade and investment in ICT products and services through global network of contacts;
- Promote industry cooperation and strengthen national associations through sharing of knowledge, experience, and critical information;
Approach by WITSA

- Work closely with internationally recognized organizations to promote and facilitate growth;
- Award signature events to member countries from around the world;
- Organize Global ICT Excellence Awards to recognize outstanding ICT users.
Role of International Organizations/institutions

- Develop knowledge
- Encourage vocations
- Boost skills of social entrepreneurs
- Open up traditional entrepreneurship schemes for social enterprises
Role of International Organizations/institutions

- Support creation and growth of social enterprises through ICT.
- Increase visibility and clout of ICT professionals.
- Create beneficial legal framework.
- Instigate public policies that support social and solidarity economy.
Recommendations

Technical Skills:

- Cyber Security
- Mobile Technologies
- Green IT
- Cloud Computing
Recommendations

Other Skills:

- Professional trainings and certifications
- Knowledge on modern technology
- Language and communication skills
- Management skills
- Interpersonal skills
- Soft skills (time and task management)
- Skills to train other workers on ICT
- Analytical skills – problem-solving skills
References

http://dx.doi.org/10.1787/5k994f3prlr5-en

David A. Olive, WITSA Public Policy Chairman; The WITSA 2009 Public Policy Report

The End
Questions
Thank You