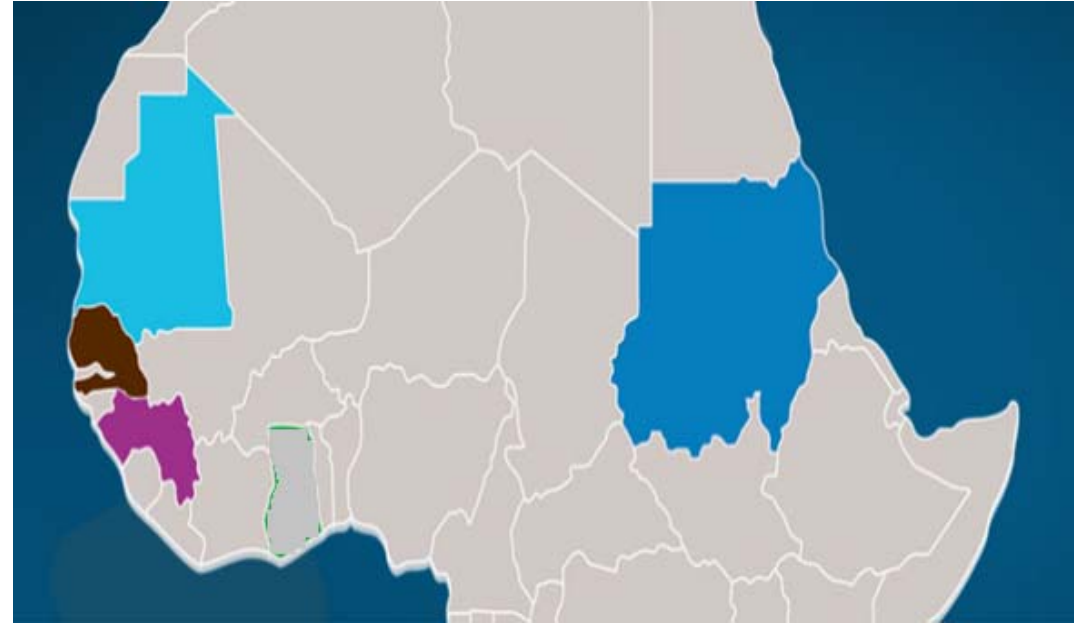# Sudacad – Academia Collaboration

Sudatel Telecommunications Academy (SUDACAD)

Agenda

- Introducing STG
- Sudacad at a glance
- Collaboration between Sudacad & Sudanese Universities: overview
- Fields of collaboration
- Example project
- Highlighted
- Mutual benefits
- Conclusion

Introducing STG

- Sudatel Telecom Group is a key ICT provider in Africa & Arab region
- Founded 1993, STG is now spreading over 4 Countries: Sudan (HQ), Mauritania, Senegal & Guinea Conakry
- FBB, 3G/4G network, robust O.F BB
- Effective Shareholder in some international projects: ACE, SAS1, SAS2, EASSY
- Regional Hub: fiber link to KSA, Ethiopia, Chad & Egypt

www.sudatel.sd

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Sudacad at a glance

- Sudatel Telecommunications Academy (Sudacad)
- Training & Capacity Building arm of STG
- Since 1967
- Member of the ITU CoE network
- Performance (Jan 1, 2015 - July 31, 2017)
  - Courses: 1,178
  - Trainees: 22,006

Sudatel Telecommunications Academy (SUDACAD)

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Sudacad at a glance (cont.)

ITU CoE performance (Jan 1, 2015 – July 31, 2017)

- Workshops: 15
- candidates: 376
- Q4, 2017 Plan: 3 workshops
- Fields: IPv6, ITIL, PM-ICT, RM-ICT, BA-ICT, Cloud Computing, Information Security

Project Management for ICT implementation
First workshop organized by Sudacad in collaboration with the ITU

Collaboration between Sudacad & Sudanese Universities: overview

- Sudacad maintains a very strong relationship with many universities & academic institutes (MOUs have already been signed with 6 of them)

- Fields of collaboration:
  - Training
  - Joint workshops & seminars
  - Out of campus visits to Sudacad as part of students additional activities
  - Research

Fields of Collaboration: Training

Scope

- Sudacad to offer ICT training courses for university candidates (academic staff or students) face-to-face or remotely.

- University to contribute to the implantation of the general training plan prepared by Sudacad
  - Participates in the design process of course syllabus
  - Offers instructors (lecturers)

Outcome

- Many courses implemented by Sudacad for more than 700 students & academic staff members last two years

Students from university of Medical Sciences & Technology attending a training course at Sudacad (3G/4G Mobile Systems lab)

Fields of Collaboration: Seminars & more

Scope

- Sudacad to participate in different activities organized by academic partners (seminars, exhibitions, open lectures about ICT trends & evolution, etc.). On the other hand, Sudacad to offer candidates from those partners the opportunity to visit its campus and attend some useful sessions

Outcome

- Practical sessions organized by Sudacad for students from more than 6 universities
- Arranged visits & joint activities for more than 15 universities

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Students from "Garden City" visiting Sudacad Library

Sudacad participating in the "Engineers Week" annual event at UST

Fields of Collaboration: Research

- University to offer researchers (academic staff, postgraduates, undergraduate students) to conducts researches on actual technical problem faced by STG & according to its plans.

- Sudacad to offer technical requirements, equipment & measurement tools

- Qualified STG engineers to be allowed to conduct researches at selected universities in order to acquire postgraduate degrees

- University & Sudacad to jointly offer research & consultation services to public market.

Example Project

- Partners
  - Sudacad & The Future university

- Scope

  Sudacad & the FU have signed an MOU that represents a strong base for many collaboration projects. Among other issues, it was agreed that FU will nominate some practical modules as part of their curriculum to be conducted by Sudacad.

  On the other hand, Sudacad arranges for those modules as part of its annual training plan, and provides sufficient resources (labs, instructors & material). Undergraduate students from the FU attend those modules as part of their graduation requirements

- Outcomes (2016 – 2017)
  - No of courses 13
  - No of students 167
  - Fields: Mobile Communications, Optical Fiber Systems.

futureu.edu.sd

Students from the FU attending a practical session on Optical Fiber Systems at Sudacad O.F lab

Highlighted (1)

ITU RDF on use of ICT for S&SD (Dec, 2016)

• Organized by the ITU & hosted by Sudacad

• Effective participation of many Profs/Lecturers from some of our academic partners

Arrangements for greater involvement of Academia in the upcoming version of the RDF (Dec, 2017)

Highlighted (2)

In collaboration with the National Research Center, many profs/researchers (~ 40) positively participated in many events organized by Sudacad including the ITU RDF on ICT4SSD

- Courses: 2

- Forums: 2

- Fields: PM & ICT

- Future: joint researches

What benefits SUDACAD is drawing from collaboration with Universities

- Expanding our customer base

- Enhancing our experience through the use of knowledge and skills of academic staff members & students

- Motivating partnership between ICT industry players & academic community

- Promoting use of ICT technologies in different aspects of people's lives

What universities benefit from collaborating with SUDACAD

- Enhancing their content being delivered to their student
- Enriching their students/staff members knowledge base & experience
- Equipping their candidates with the set of skills & competencies required by the ICT man power market
- …

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Mutual benefits: why Sudacad?

- Sudacd is a trusted partner to academic community in Sudan

- Sudacad owns a comprehensive network of labs those are equipped with latest ICT technologies.

- Being part of an active service provider, Sudacad is at agood position to play the role of the bridge/mediater between ICT industry and academic world.

- In addition, Sudacd has a broad access to fruitful professional training courses that would be very useful for universities & other academic organizations

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How ITU could facilitate collaboration between CoEs and Universities

- ITU could offer a very rich ICT content to its CoEs who are engaged in collaboration with universities.

- ITU e-learning platform could be utilized by CoE in a way that supports their collaboration with universities.

- Through its CoEs, ITU could play the role of the facilitator, that will help universities to update their academic content in accordance with the ever evolving ICT industry

Conclusion

Collaboration between Sudacad & Academia is satisfying their current needs and expectations, while their future seems more promising.

Thank You