Innovations in Senegal: taking advantage of AL services for higher education:

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The Open Digital Space, backbone of the Virtual University of Senegal’s strategy

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SAMU
15 15

Lavez-vous régulièrement les mains
Touchez et éternuez dans le coude
Utilisez des mouchoirs à usage unique
Evitez de donner la main
Restez à la maison
Portez un masque
The virtual University of Senegal

The Open Digital Space at the heart of the system

Functions of the ODS

LODS in Senegal

Photo library
1. Context of creation

State higher educational institution, created in 2013

Created in a context of deep reform of the higher education sector to meet new needs

Willingness of the authorities to put ICT at the heart of the development of Higher Education and Research.

New teaching model which gives way to new digital standards
1.a. Vision & Goals

Our vision:

- Make knowledge accessible to all
- Be a source of innovation for sustainable development

Our goals:

- Strengthen the professionalisation of education and training.
- Promote a better match between training and employment.
- Improving access to higher education
  - Widen the state university proposal.
  - Improve digital geographic plan.
I.b. UVS in numbers

- 35 Programs
- +1K Online courses
- 300 Enseignants & autant de tuteurs et moniteurs
- 47% Female students
- 40 Course options
- 30% Training in STEM and digital
- 35K Students
- 4K Graduates
A visionary concept of a global solution, anticipating current needs in the learning sector.

Innovative teaching model combining online and specific face-to-face courses, called: adapted Comodal.

Original digital university model based on the Open Digital Space (ODS).
2. Concept of ODS

A global and multidimensional system

1. Allows access to digital resources and supports education,

2. Contributes to the country's national digital strategy,

3. Integrates VUS into the socio-economic middle of the country
2.a. Description of ODS

- 200-seat amphitheater
- 2 large OPEN SPACE with a total capacity of 200 workstations
- A videoconference room;
- Offices;
- Hi Tech equipment (3D printers, scanners, cameras, etc.)
- Powerful Voice Data and Images cabling;
- Media and storage servers
- Long-lasting electrical backup
- Broadband Internet connection
- Connectivity of all equipment in the neighborhood of the ODS
- A telemedicine room
3. Functions of the ODS

01 Educational
02 Digital layout of the territory;
03 Service to the community
3.a. The heart of the VUS educational system

01. Educational objectives of the University (cognitive, psychomotor, but also emotional)

02. Places for face-to-face training sessions when necessary and exams.

03. Hosts conferences and other network events.

04. Co-working: Provide spaces dedicated to collaborative work.

05. A meeting place and a space dedicated to the socialization of students.

06. A system perfectly adapted to the challenge of inclusive education.
3.b. A leverage for economic transformation

- A geographical planning instrument that connects men and women.
- Host incubators, fablabs, entirely dedicated to innovation.
- Latest generation machines, available to the least equipped communities.
- Foster a deep transformation of Senegal, thanks to the alliance between education, technology and digital.
- A unique model thanks to its network all around the country and its simultaneous reception capacities (+35,000 places).
- A main tool of the Senegal strategy to support innovation and digital technology.
3.c. Means of revitalizing territories

01 An infrastructure dedicated to reduce the digital divide as well as strengthening human capital.

02 It allows labor forces to stay in their towns.

03 It opens the community to the rest of the world and strengthens the capacities of the neighborhood populations.

04 ODS, a solution for access to quality health care.
4. Localisation of ODS in Senegal

Of students are in a district where there is a university.

Today 56% Of students are in a district where there is a university.

Tomorrow 50% In each district
5. Photos Library

Inauguration of an ODS by the Senegal President of the Republic
5. Example of service to the community

Distance learning for midwives located in Kolda at 300 km from Dakar
Thank you for your attention

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