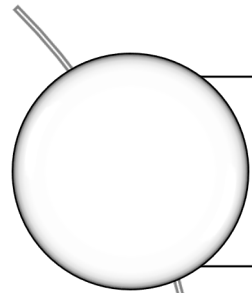


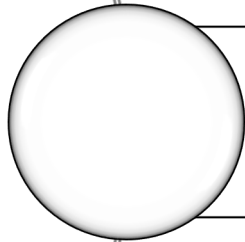
# OER : a francophone outlook for the UNESCO recommendation & international cooperation

Ollivier Haemmerlé  
*Michael Matlosz*  
*Jacques Dang*



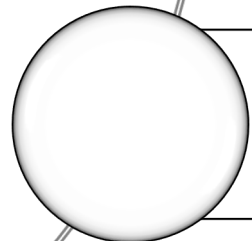
**The French digital universities**

Ollivier Haemmerlé



**OER adoption in French Higher Education**

Michael Matlosz



**L'Université Numérique/ICDE/UNESCO collaboration with virtual universities and Ministries in francophone countries in West and Central Africa**

Jacques Dang





# THE FRENCH DIGITAL UNIVERSITIES



Economics & Management



Healthcare & Sport



Science & Engineering



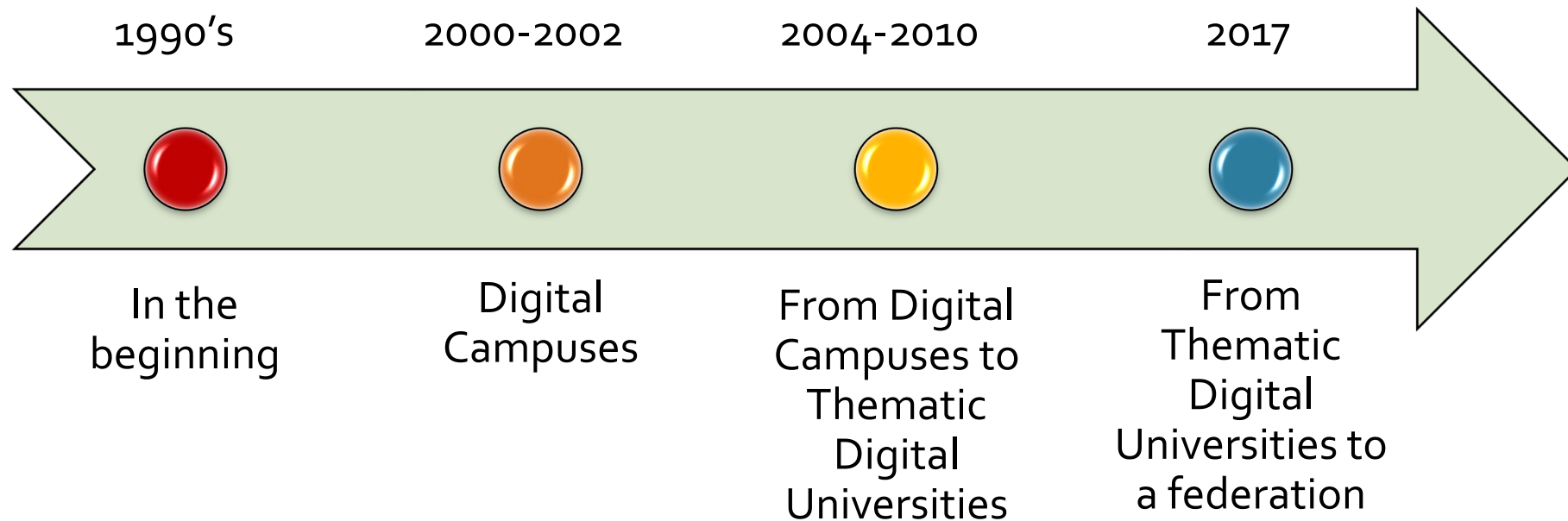
Humanities



Sustainable Development



Technology



## Les universités numériques thématiques

RAPPORT n° 2016-032  
Mai 2016

Rapport à madame la ministre de l'éducation nationale,  
de l'enseignement supérieur et de la recherche



monsieur le secrétaire d'État chargé de l'enseignement  
supérieur et de la recherche



- **Recognition**
  - strategic importance of the Thematic Digital Universities
- **Recommendations**
  - to the Ministry
  - to the Thematic Digital Universities
  - to Higher Education Institutions

- **Operator for the Ministry for Higher Education and Research**
  - objectives and resources
  - annual grants for operating costs
  - alignment of OER catalogue with the curriculum for national degrees
  - mandate to represent French higher education in international bodies
- **Combine disciplinary expertise with transversal actions**
- **Recognition and reputation**
  - stronger position in calls for proposals
  - greater recognition among HEIs
  - international outreach



- 
- 
- Resources to support transition from secondary to Higher Education**  
→ placement and level tests / training quizzes (MOOC Réussir, for example)
  - Core resources for bachelor level courses (OER collections)**  
→ OER collections to support hybridization and educational continuity during the pandemic
  - Tools to support bachelor students**  
→ transversal and soft skills (écri+, for example)
  - Technology watch**  
→ funding of proofs of concepts / partnerships
  - Inclusion of disadvantaged segments of the population and development of the Francophone digital space**



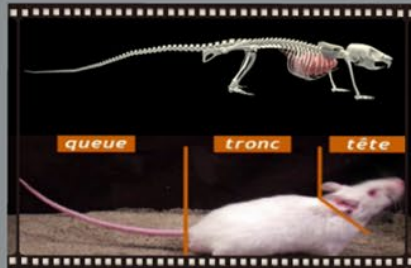


# OER ADOPTION IN FRENCH HIGHER EDUCATION



## Digital material to learn, to train, to prepare an examination

La dissection animale 



<http://bit.ly/1Ex6KWD>

La biodiversité méditerranéenne 



<http://bit.ly/1J0Q5TI>

Introduction historique au droit 



<http://bit.ly/1PMRIEQ>

Certif' Langues 



<http://bit.ly/1BoK4I7>

Introduction à la gestion 



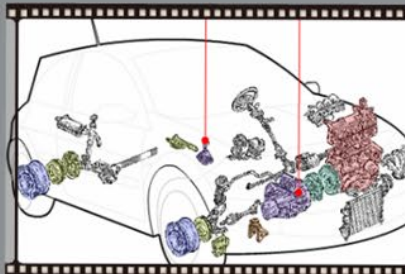
<http://bit.ly/1Q9Qtxv>

Les campus numériques 



<http://bit.ly/1BoL66V>

L'automobile en 50 questions 



<http://bit.ly/1AxAOGx>

Le commerce électronique 



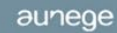
<http://bit.ly/1ciq0AD>

Basic notions explained in short videos for better understanding and memorizing

Et si on changeait de paradigme?  
Collection la philo en petits morceaux



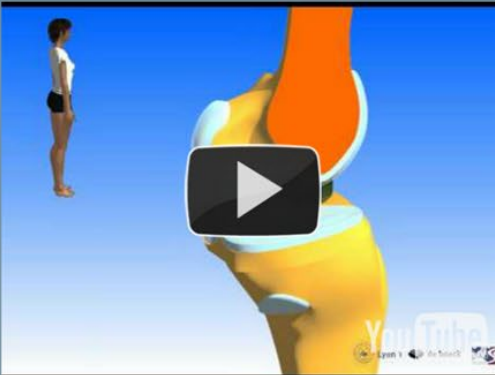
Quand la colère fait tomber les masques



Services écosystémiques et  
processus écologiques des sols



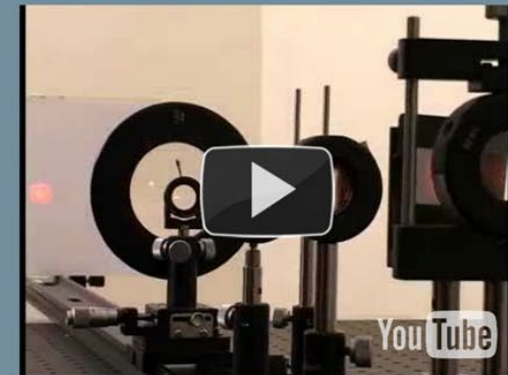
Articulation du genou  
Collection anatomie 3D



Comment fonctionne notre cerveau  
Collection Kezako



Analyse d'image par traitement  
optique de Fourier



## Moocs, to be part of a course in a larger scale

Extrait - Economie circulaire et innovation  
La capacité de production alimentaire



<http://bit.ly/1jEuS0q>

Teaser - QuidQuam? Eureka! -  
Comprendre le monde au quotidien



<http://bit.ly/1jwy962>

Teaser - Bioinformatique :  
algorithmes et génomes



<http://bit.ly/1JVjBsQ>

Teaser  
Ma pédagogie à la sauce web 2.0



<http://bit.ly/1BoXBzI>

Teaser  
Ebola : vaincre ensemble!



<http://bit.ly/1yYFJhy>

Teaser  
Biodiversité



<http://bit.ly/1EpOpQS>

## SONATE

- Joint initiative from 10 universities
- Fully online degree
- Target audience: learners who have dropped out from formal education between secondary and higher education
- Used from home, remote campuses, 3rd party locations and ... prisons

- Easily accessible through a national portal
- Content that is
  - Approved by a scientific committee
  - Pedagogically validated by experts
  - Indexed via supLOMfr
  - Harvested via OAI-PMH
- Ongoing deployment in the Republic of Congo (Brazzaville) and other French-speaking countries in Africa
- Future development
  - National Moodle-based platform
  - Network of national platforms

## UNESCO OER RECOMMENDATION

L'UNIVERSITE NUMERIQUE/ICDE/UNESCO

collaboration with

virtual universities and Ministries in West and Central Africa

*The French Ministry for Higher Education, Research and Innovation (MESRI), ICDE & L'Université Numérique agree on the opportunity of tapping into their respective networks to support their West/Central African stakeholders by establishing a Francophone working group*



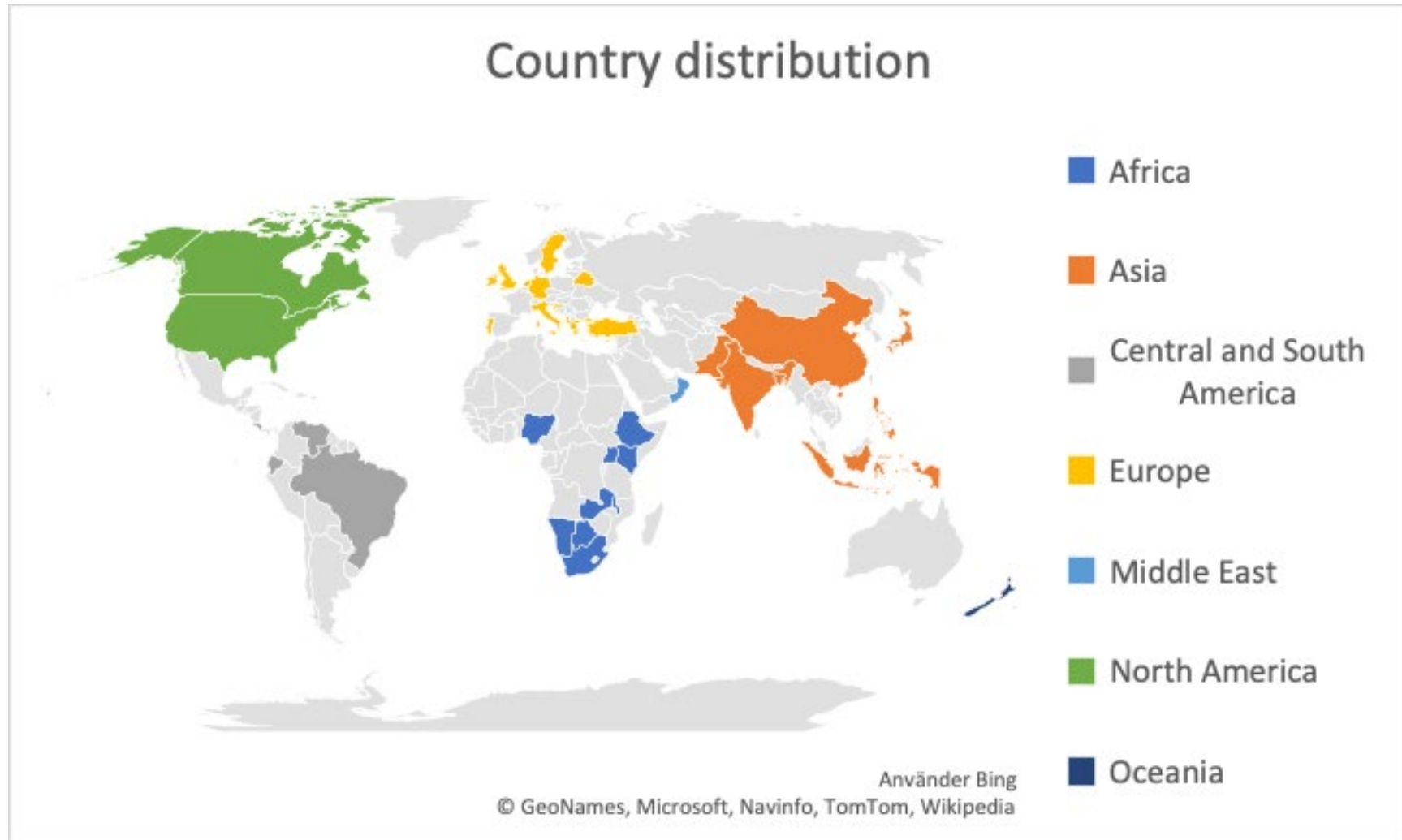
December 2018: Open Education Leadership Summit Paris, co-organized by ICDE, OEC & MESRI, with support from AUNEGe & UNIT

November 2019: Adoption of the UNESCO OER Recommendation

March 2020: First face to face meeting of the working group in Paris

July 2020: L'Université Numérique joins the OER Dynamic coalition for OER





OERAC SURVEY: 123 respondents

## Ambassadors:

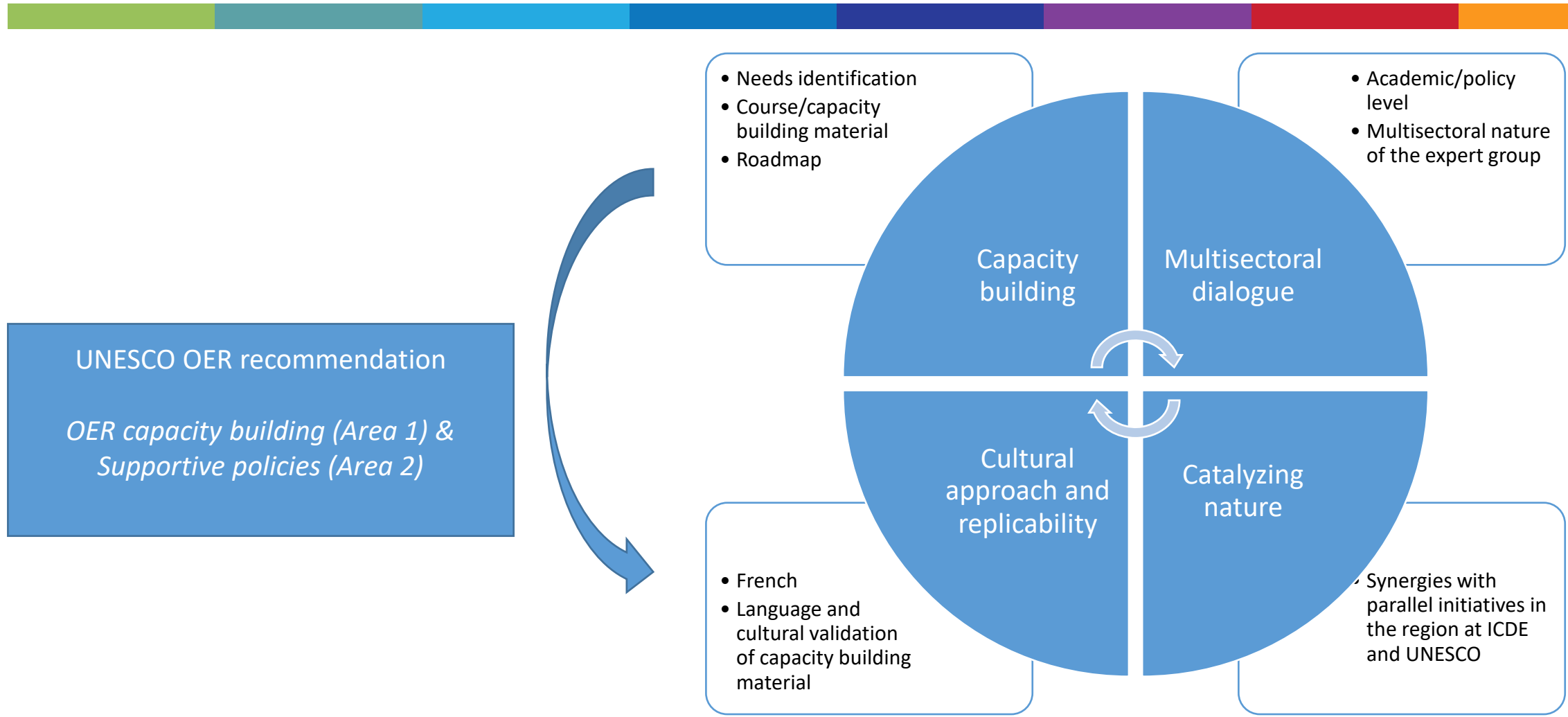
- **Ebba Ossiannilsson**, Professor, Dr. Consultant and VP, Swedish Association of Distance Education (SADE), Sweden, ICDE EC, Chair
- **Jennryn Wetzler**, Assistant Director of Open Edu, Creative Commons, US
- **Cengiz Hakan Aydin**, Professor, Anadolu University, Turkey
- **James Glapa-Glossklag**, Dean and Treasurer of the Board, College of the Canyons and Open Education Consortium, US
- **Dhaneswar Harichandan**, Director, Institute of Distance and Open Learning, University of Mumbai, India
- **Xiangyang Zhang**, Open University of Jiangsu, China
- **Rajiv Jhangiani**, Ph.D, Associate Vice Provost, Open Education, Kwantlen Polytechnic University, Canada
- **Mpine Makoe**, Professor, University of South Africa (UNISA)
- **Cristine Gusmao**, Associate Professor, Federal University of Pernambuco, Brazil

## Current Members

- French Digital University (L'Université Numérique – UNIT, AUNEGe and UOH)
- French Ministry of Higher Education, Research and Innovation
- Virtual Universities of Senegal, Mali and Republic of Congo
- French National Commission for UNESCO
- UNESCO
- International Council for Open & Distance Education (ICDE)

## Potential Future Partners

- Virtual Universities of Bénin, Burkina Faso, Central African Republic, Côte d'Ivoire and Niger
- International Organisation of La Francophonie
- Ministries of Bénin, Burkina Faso, Burundi, Central African Republic, Côte d'Ivoire, Mali, Niger, Republic of Congo and Senegal
- Business partners



## RESULTS

- it is still **relatively early** for most governments to make policy changes; the **urgency of COVID-19** responses overtook governments works to implement the UNESCO OER Recommendation
- respondents were largely **representatives from civil society**. They likely would not have insight into internal policy efforts until those policies were finalized and made public
- **COVID-19:**
  - **acted as a catalyst** for greater awareness-raising of OER and engagement
  - has **radically changed the way education institutions do everything**
  - **will open up opportunities** for international cooperation and creativity with OER.

OERAC Chair: Pr. Ebba Ossiannilsson

## RECOMMENDATIONS

- Reinforce communication around existing OER efforts, and how they further develop in the coming years will (1) give countries recognition for (direct and indirect) work implementing the UNESCO OER Recommendation and (2) strengthen the framework the Recommendation provides for everyone.
- Develop a stronger network and practice around information sharing. When more policy makers and institutions become aware of existing (1) capacity building initiatives, (2) supportive policies, (3) examples of incentive structures and initiatives building more equitable access to quality OER, (4) sustainability models, and (5) examples of monitoring and evaluation efforts, in other countries, it will be easier to adapt these efforts to local needs.

- Provides free access to an online test, whereby successful learners have the opportunity to gain the Certificate of Competency in Copyright and Creative Commons Licensing.
- Developed by OER universitas (OERu) in English
- Translation and adaptation to French coordinated by ICDE/OERu/UNESCO: translated by UNESCO, technical review and validation by French Digital University. Cultural validation within the Francophone OER group.
- Capacity Building tool for the project
- Documented process, replicable in other languages

- 
- Preliminary survey by UNESCO Dakar & Neil Butcher associates
  - Leverage our existing networks within Higher Education ministries, as well as any ministry in charge of professional training, and in virtual universities
  - Organize three virtual transnational workshops in 2021 where the academic community works with the ministries and the business world
    - West Africa
    - Central Africa
    - ...
  - One can dream and hope 😊 : a face to face meeting in 2021
    - Possibly co-located with the eLearning Africa conference
    - Focused on:
      - How each country can embrace and operationally implement the OER recommendation
      - How OERs can be used with digital micro-credentials for life-long learning

- Learn from existing initiatives in the English-speaking world through networks such as OEG, ICDE, OERu
- Share with other Francophone countries (report on pilot nature of initiative, document with recommendations for replication, re-use and adapt the capacity building material)
- Cooperate with other linguistic areas (Portuguese, Spanish...)
  - Portuguese
    - Establish partnership with academic institutions in Natal, Brazil
    - Cooperate with the Portuguese edtech sector
    - Address the needs in Angola, Guinea-Bissau, Mozambique
  - Spanish





## Tomorrow, from 10:00 to 12:00 (ET)

<https://connect.oeglobal.org/t/building-a-support-network-for-implementation-of-the-unesco-oer-recommendation/472>

Creative Commons: Cable Green, Jennryn Wetzler

OEG: Igor Lesko, Paul Stacey

## December 4th, from 14:00 to 15:00 (CET)

<https://oeb.global/programme/agenda/oeb-20/sessions/pad515>

Presentation: The UNESCO OER Recommendation and UNESCO's collaboration with the French Digital University & ICDE to support its implementation

Panel discussion: Opportunity and challenges of the OER UNESCO Recommendation in the context of COVID-19

UNESCO: Zeynep Varoglu

ICDE: Torunn Gjelsvik, Anaïs Malbrand, Ebba Ossiannilsson

L'UNIVERSITE NUMERIQUE: Jacques Dang

& AUNEGe



# Thank you!

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[carole.schorle-stefan@unistra.fr](mailto:carole.schorle-stefan@unistra.fr)