

Open Education: an emerging ecosystem



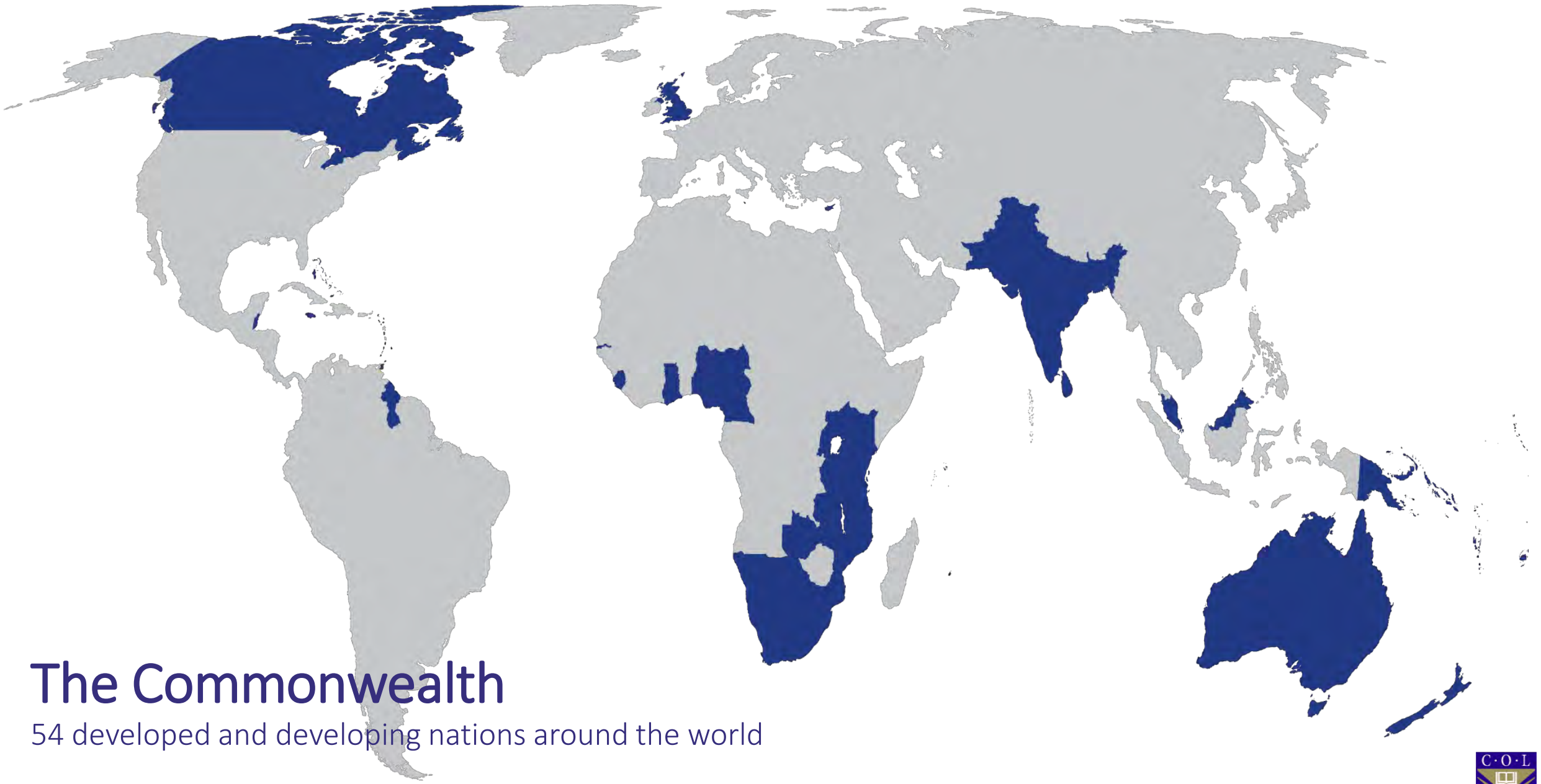
COMMONWEALTH
of LEARNING

Professor Asha Kanwar
President & CEO

ICDE Virtual Global Conference Week 2021:
Upskilling and upscaling for quality Open, Flexible and Distance Learning



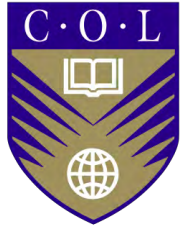
INTERNATIONAL
COUNCIL FOR OPEN AND
DISTANCE EDUCATION



The Commonwealth

54 developed and developing nations around the world





COMMONWEALTH *of* LEARNING



Helping Commonwealth governments and institutions use distance learning and technologies to expand access to education and training



Plan

- Impact of COVID-19 on Higher Education
- Emerging Landscape
- Open Education in Practice
- Implications for the Future



Impact of COVID-19 on Higher Education



Closure of campuses

220 million HE students globally affected

Source: UNESCO Covid-19 response, UNESCO, 2021



Impact of COVID-19: Institutions



- Transition to emergency remote teaching
- Drop in international students (20% in Germany; 16% in US—applications for student visas in Australia dropped by 80-90%)
- Lack of technology infrastructure
- Adverse impact on research—practical and collaborative
- Drop in revenues from fees/budget cuts

Teachers' perspective



- Live-streamed lectures synchronously (74.6%)
- Presentations sent to students (44.5%)
- Asynchronous pre recorded video lectures available online (32.1%)
- Asynchronous pre recorded audios (20.6%)

WHAT ASSISTANCE WOULD BE MOST HELPFUL FOR FACULTY



Teachers
needed more
assistance
during
pandemic

Students' perspective

- Heavy workloads
- 50% felt their performance had declined
- Inequitable access to tools and internet
- Psychological and emotional well-being



Technology issues: Stanford University

- 16% undergraduates did not have access to internet for half the time
- 60% of low-income students did not have a private place to study



Source: <https://www.tonybates.ca/2020/08/30/lessons-from-stanford-universitys-move-to-remote-learning/>





Photo by engin akyurt on [Unsplash](#)

Inequality highlighted

Students in high income countries too faced challenges to access online learning, especially due to sharp digital divide



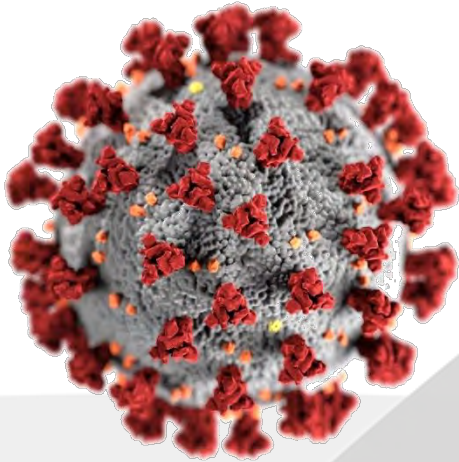


Is learning loss real?

While there was learning loss, students also learned over and above the curriculum: resilience, time management, basic computer skills and collaboration



Impact of COVID 19 on HE





- Social Issues: continuing to combat inequalities during crisis
- Pedagogical challenges: adopting flexible approaches
- Harnessing technology for teaching and learning
- Psychological dimension.

The Emerging Landscape



A range of new online courses

- Universities started many online courses
- Increased adoption of online distance education
- Increased acceptability of online training for professional development

 New Registered Users	2019	2020	Total
	8M	31M	76M
	5M	10M	35M
	1.3M	5M	15M
	350k	800k	2.3M

Source <https://www.classcentral.com/report/the-second-year-of-the-mooc/>

Increased use of video

- Use of mobile for video development
- Use of streaming video
- Use of webinars
- Two-way interaction



Jeyaishwari R Nadar was photographed conducting a class with the mobile phone on a refrigerator tray, which in turn was balanced on two containers. (Picture credit: Kunal Patil)

Source: <https://indianexpress.com/article/trending/trending-in-india/teacher-refrigerator-tray-mumbai-online-class-6555816/>

New ways of student assessment

- Alternative assessment
- Open book examination
- Oral assessment
- Online proctored examination
- Mobile apps

Unisa Students Will Use App To Write Exams

Tuesday, 12 May, 2020 - 12:07

Author: [Sakinah Samuels](#)



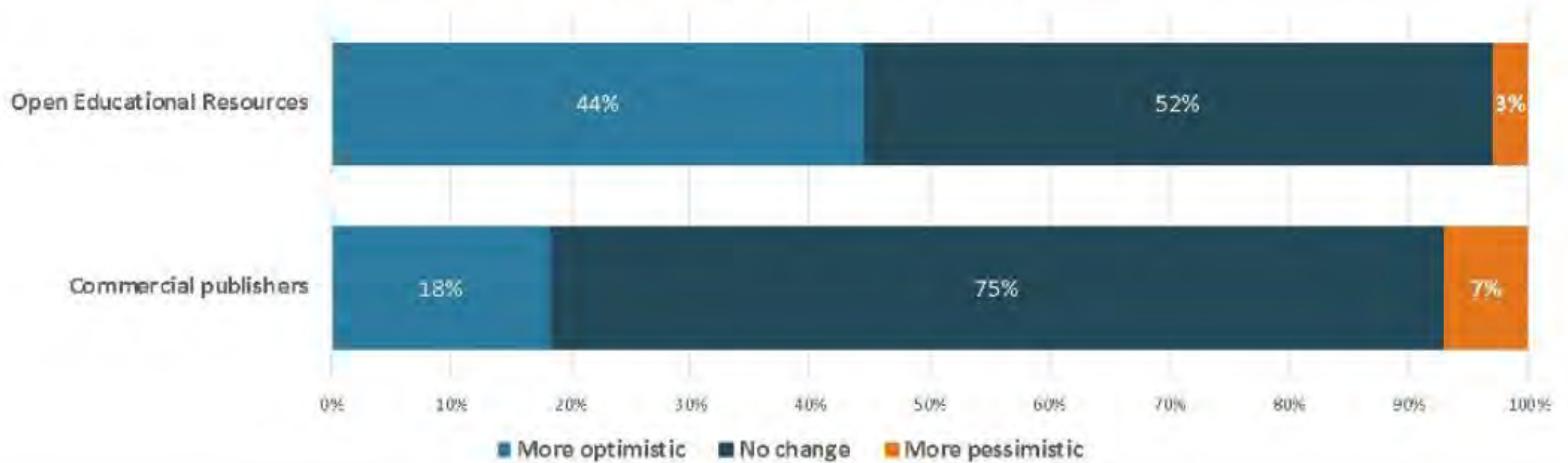
Unisa's Principal and Vice-Chancellor, Prof. Makhanya, spoke to The Talking Point and d

Source: <https://www.careersportal.co.za/news/unisa-students-will-use-app-to-write-exams>



Increased use of OER

Academic Administrators: Change in opinion since prior to pandemic



Source: Johnson, et al. (2021). *Teaching during pandemic*. Bayview Analytics



Educause Horizon Report 2021: Trends in Higher Education

2021 EDUCAUSE
Horizon Report®
Teaching and
Learning Edition



Social

- Widening digital divide

Technological

- Adoption of hybrid learning

Economic

- Demand for new workforce skills

Environmental

- Sustainable development focus

Political

- Decrease in funding for higher education

Open Education in Practice



Philosophy of 'Open-ness'

- Open as to people,
- Open as to places,
- Open as to methods, and, finally,
- Open as to ideas



Lord Crowther

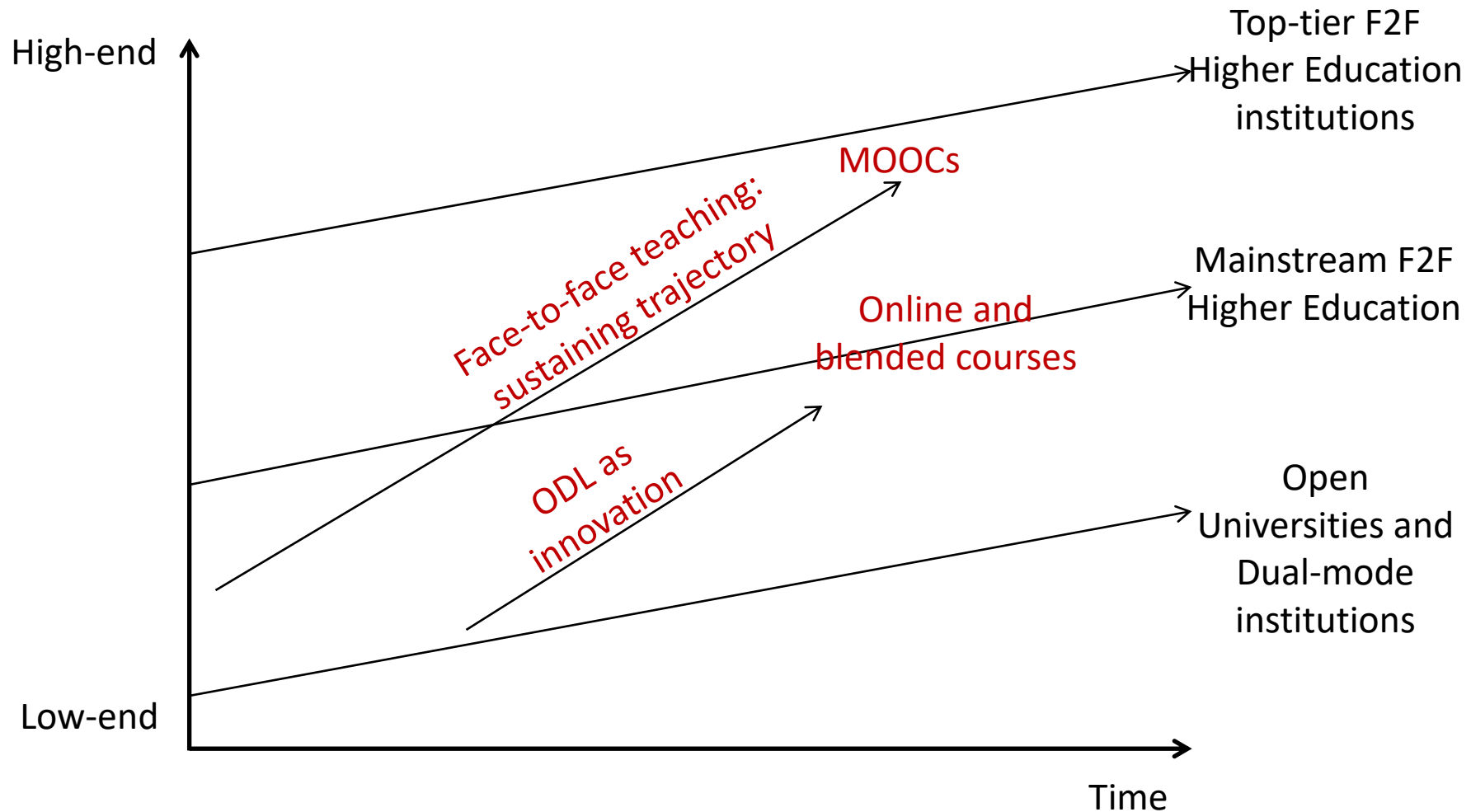
'Open-ness' in Practice

- Open admission (no entry qualifications)
- Multiple open channels (radio, TV, etc.)
- Open curriculum
- Open access (Anytime, anywhere)
- Open participation
- Open accreditation

(Wedemeyer, 1973)

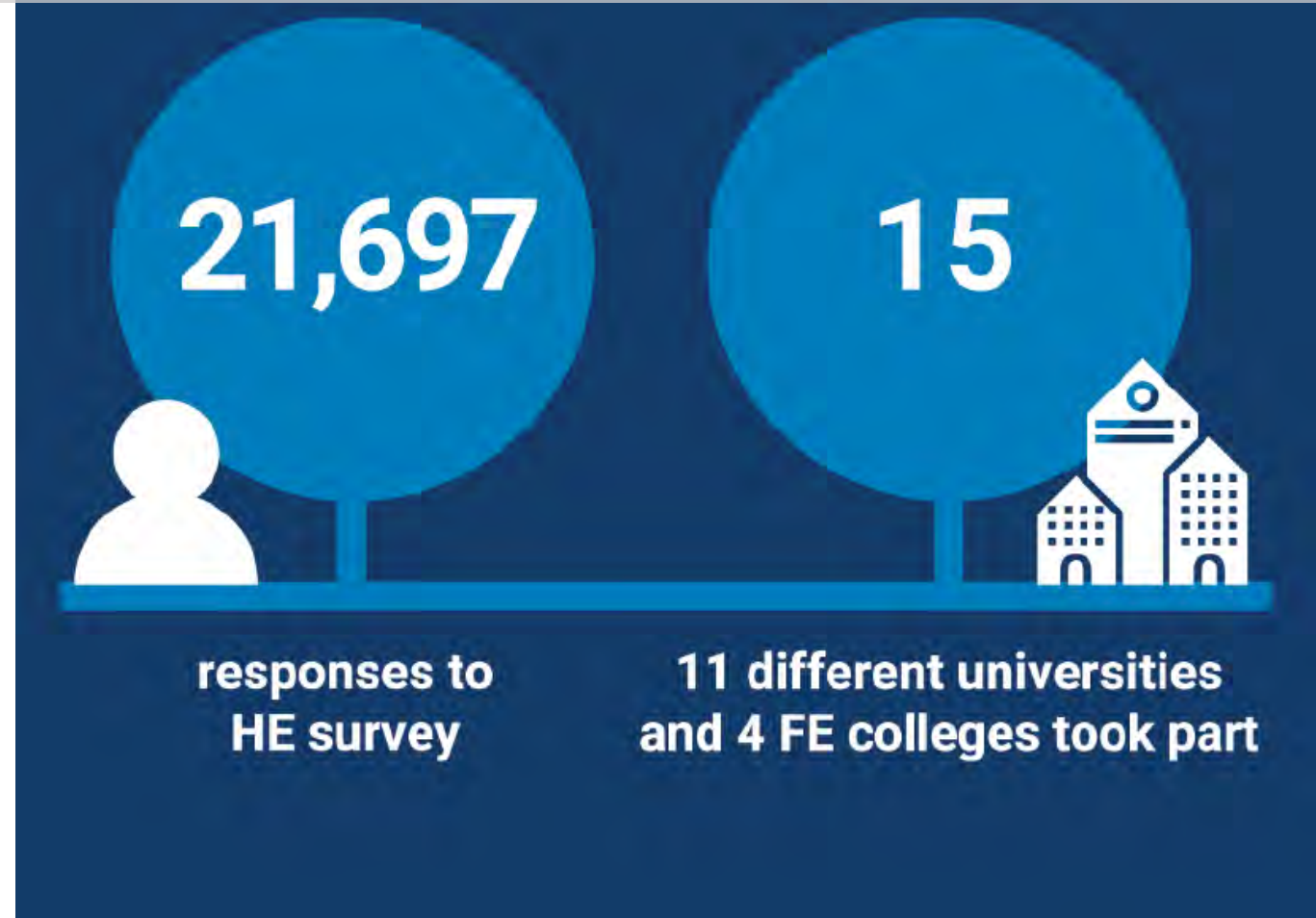


ODL as Disruption in Higher Education

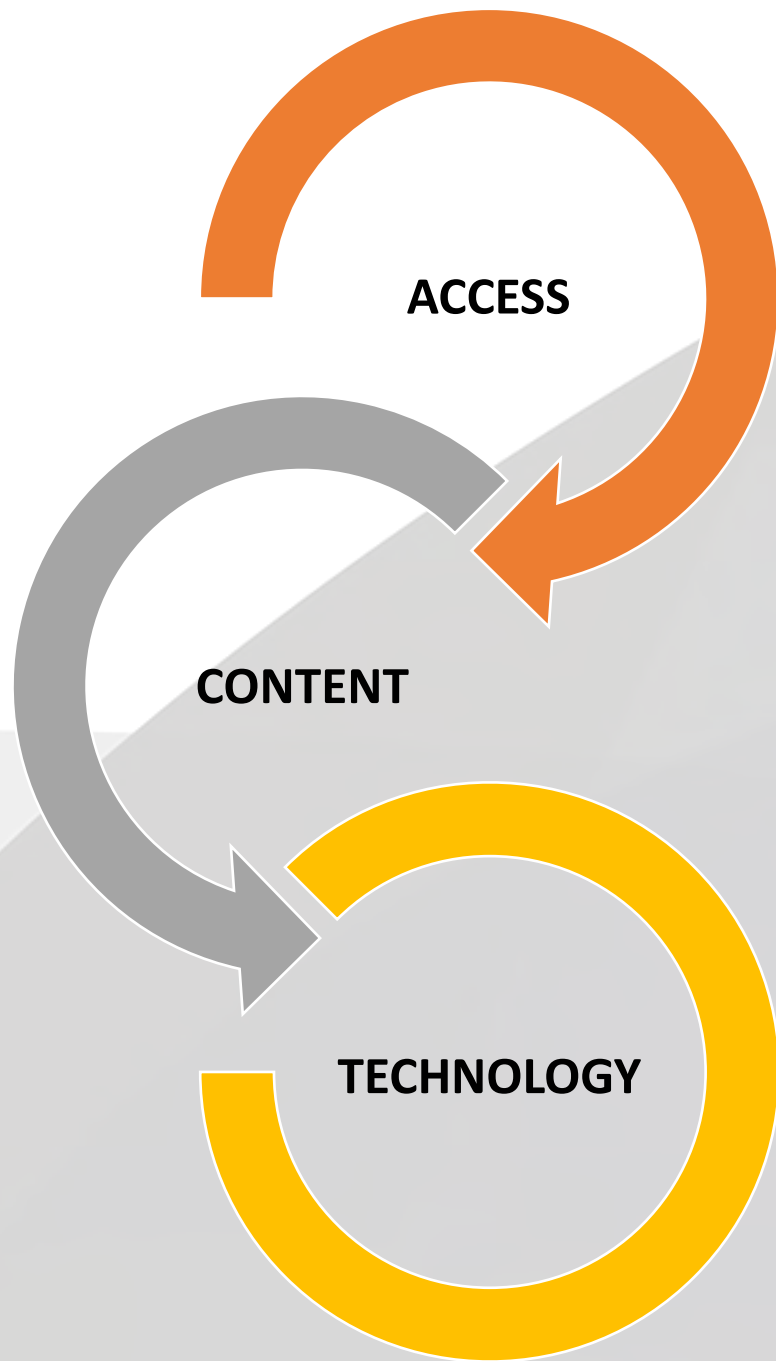


Silver Lining

- 81% of students were learning online
- 68% of students rated the quality of online digital learning as 'best imaginable', 'excellent' or 'good'
- 62% also rated the support they received for online learning equally highly.



Source: JISC (2021). Student digital experience insights survey 2020/21
<https://repository.jisc.ac.uk/8338/1/DEI%20P1%202021%20student%20data%20for%20HE-FINAL.pdf>



Openness: An Evolving Concept

OPEN UNIVERSITIES IN INDIA

- 1 Dr. Babasaheb Ambedkar Open University (BAOU)
- 2 Dr.B.R. Ambedkar Open University (BRAOU)
- 3 Global Open University Nagaland (Private)
- 4 Indira Gandhi National Open University (IGNOU)
- 5 Jagat Guru Nanak Dev Punjab State Open University
- 6 Karnataka State Open University (KSOU)
- 7 Krishna Kanta Handiqui State Open University (KKHSOU)
- 8 Madhya Pradesh Bhoj University (MPBOU)
- 9 Nalanda Open University (NOU)
- 10 Netaji Subhas Open University (NSOU)
- 11 Odisha State Open University (OSOU)
- 12 Pandit Sundarlal Sharma (Open) University (PSSOU)
- 13 Sreenarayanaguru Open University
- 14 Tamil Nadu Open University (TNOU)
- 15 Uttarakhand Open University (UOU)
- 16 Uttar Pradesh Rajarshi Tandon Open University (UPRTOU)
- 17 Vardhman Mahaveer Open University (VMOU)
- 18 Venkateshwara Open University (Private)
- 19 Yashwantrao Chavan Maharashtra Open University (YCMOU)





Photo credit: Abir Abdullah / Shidhulai Swanirvar Sangstha, Bangladesh





Access to Higher Education

Inclusion

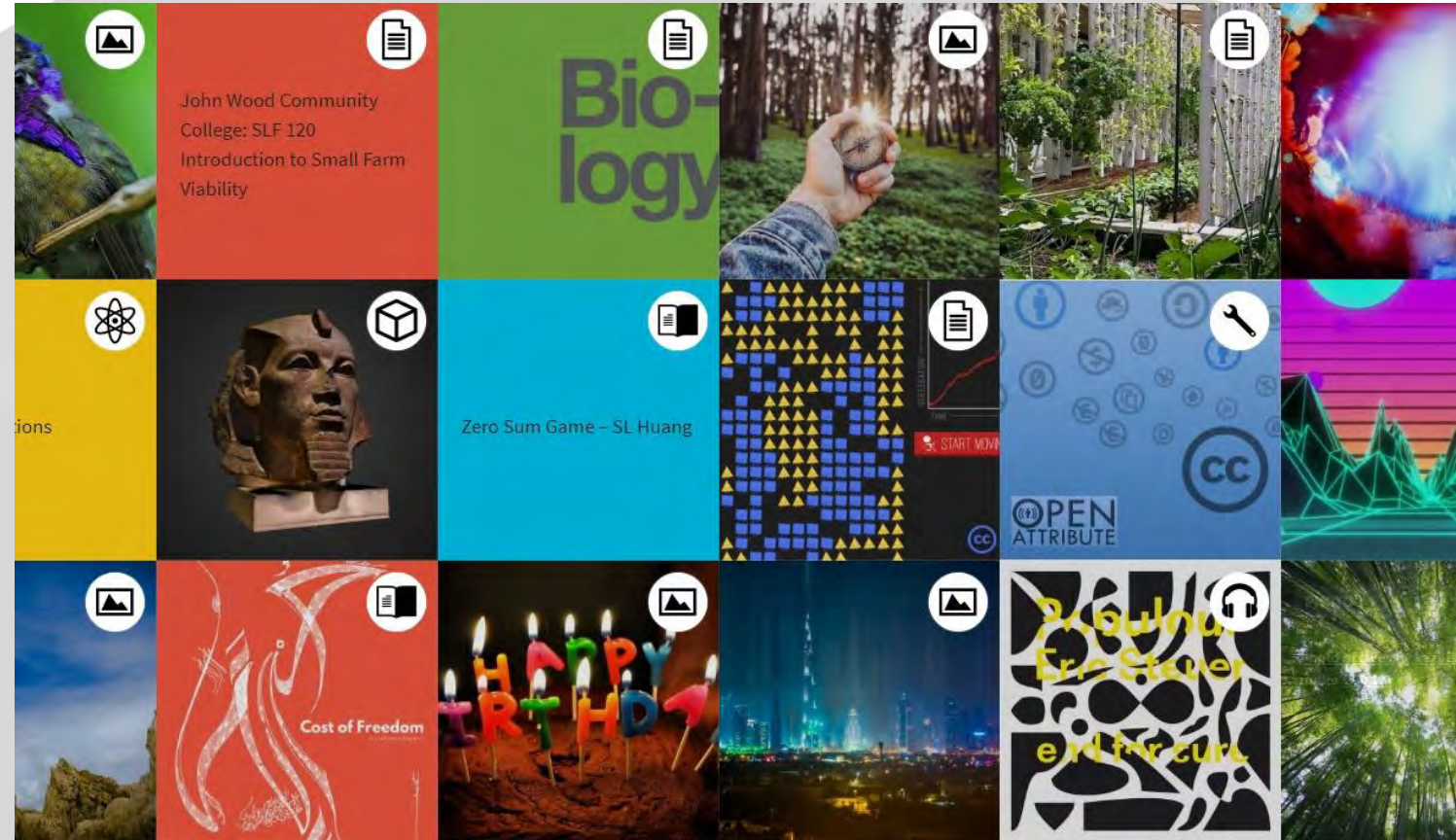
- Canada: 10.7%
- India: 0.56%
- South Africa: 1%.
For example, in South Africa 80% of disabled people aged 20-24 are not in tertiary education





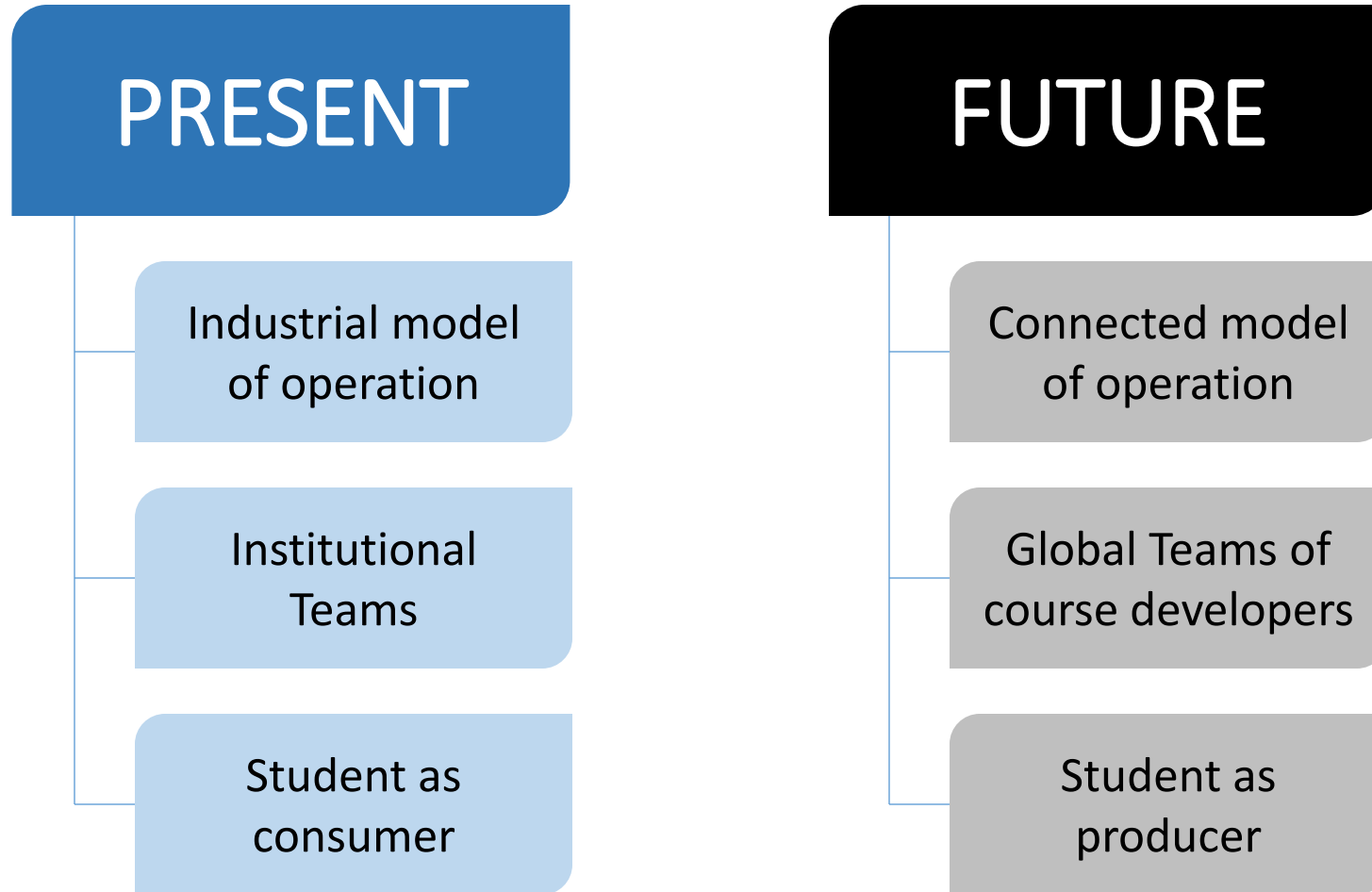
Content: Openness and Flexibility

- 1.6 billion OER on the Internet
- 950+ universities offering MOOCs
- 16.3 K courses on MOOCs



<https://creativecommons.org/> <https://www.classcentral.com/report/mooc-stats-2020/>

OER: Opening up Education



Massive Open Online Courses: MOOCs

- Major MOOC initiatives in China, India, Japan, Korea, Malaysia
- Thousands of courses available in Asian languages: Chinese, Japanese, Korean, Thai
- Up to 40% credit for MOOCs in India



Explore over 748 courses, learn with 474,785 students



From Mega to Giga Universities

THEN

National or provincial jurisdiction

Limited interaction at study centres

Print+ (audio, video, online)

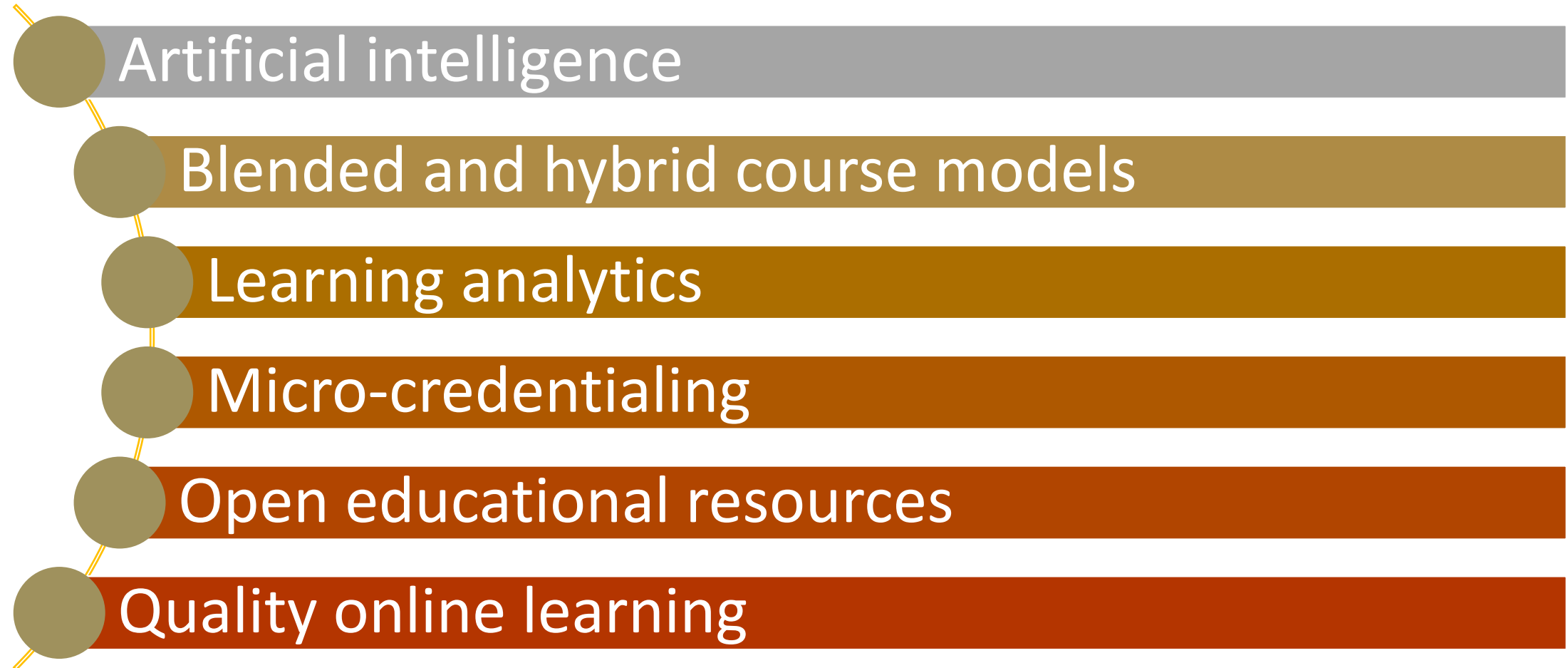
NOW

Global classroom

Increased use of Peer2Peer learning and social media


Online+ (increased use of learning analytics)

Key Technology Trends and Practices




Source: Kathe Pelletier, Malcolm Brown, D. Christopher Brooks, Mark McCormack, Jamie Reeves, and Nichole Arbino, with Aras Bozkurt, Steven Crawford, Laura Czerniewicz, Rob Gibson, Katie Linder, Jon Mason, and Victoria Mondelli, 2021 EDUCAUSE Horizon Report, Teaching and Learning Edition (Boulder, CO: EDUCAUSE, 2021).



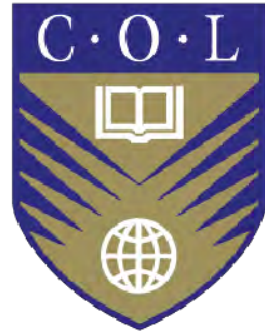


agMOOCs



MOOC4D





AptusPi

AN ENABLER OF MOBILE LEARNING

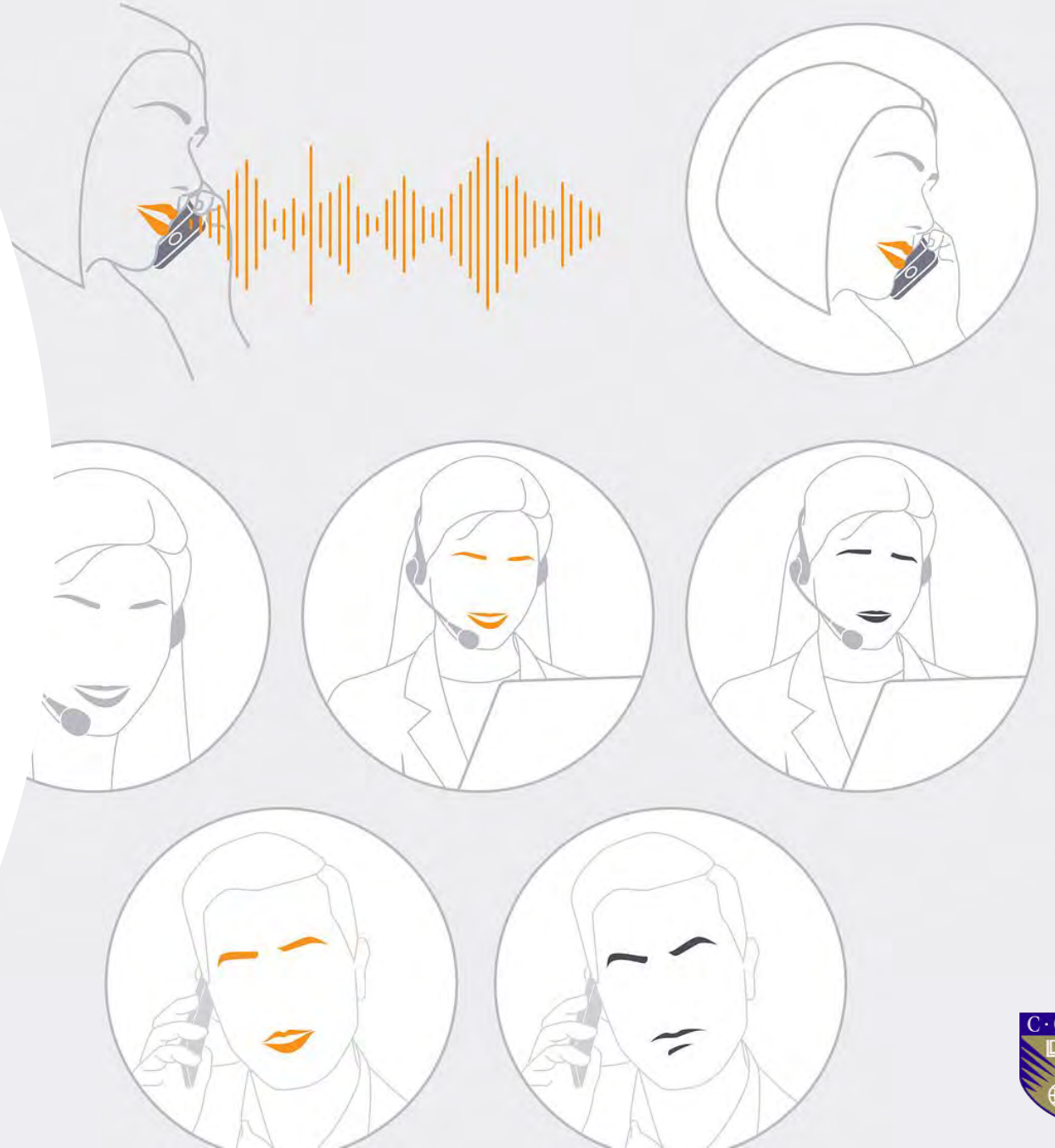


PHOTO CREDIT: EU HUMANITARIAN AID AND CIVIL PROTECTION (CC BY-SA 2.0)



Human Touch

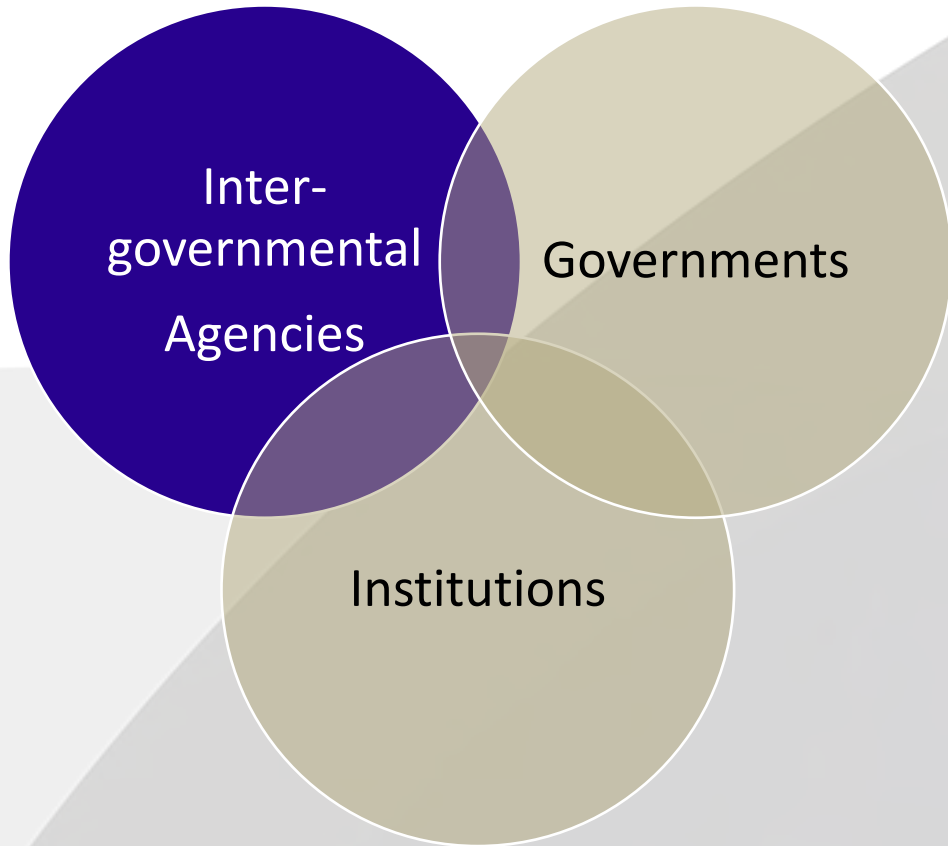
- Regular communication
- Call centres to support learners:
NIOS
- Helpline for parents:
Jamaica



Implications for the Future

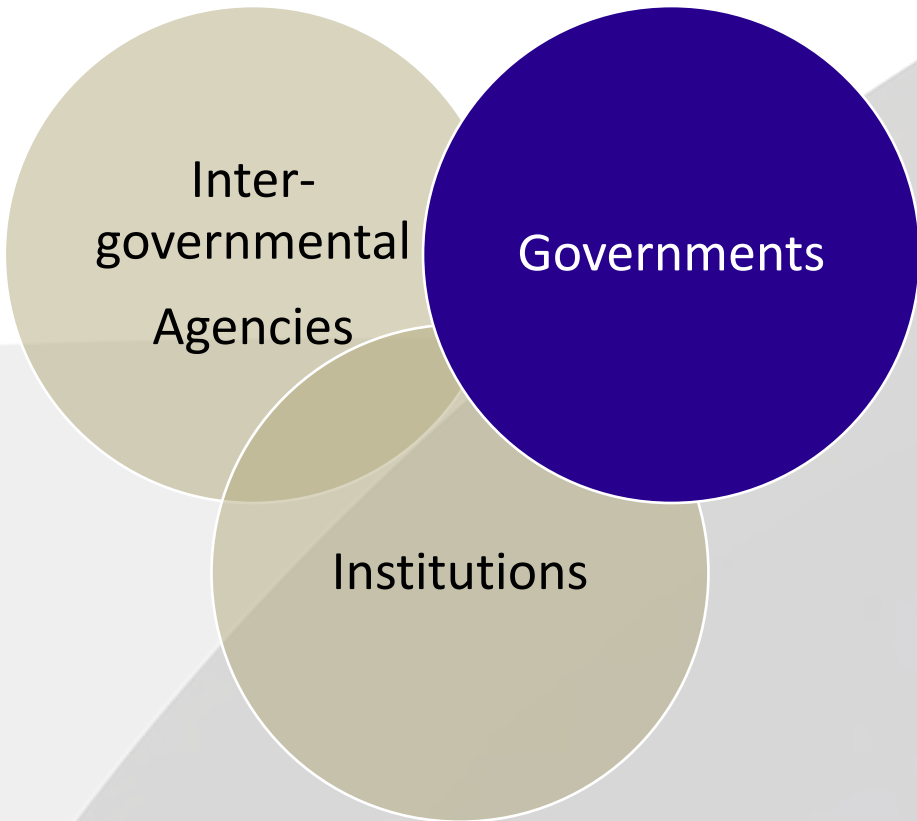


Intergovernmental Agencies



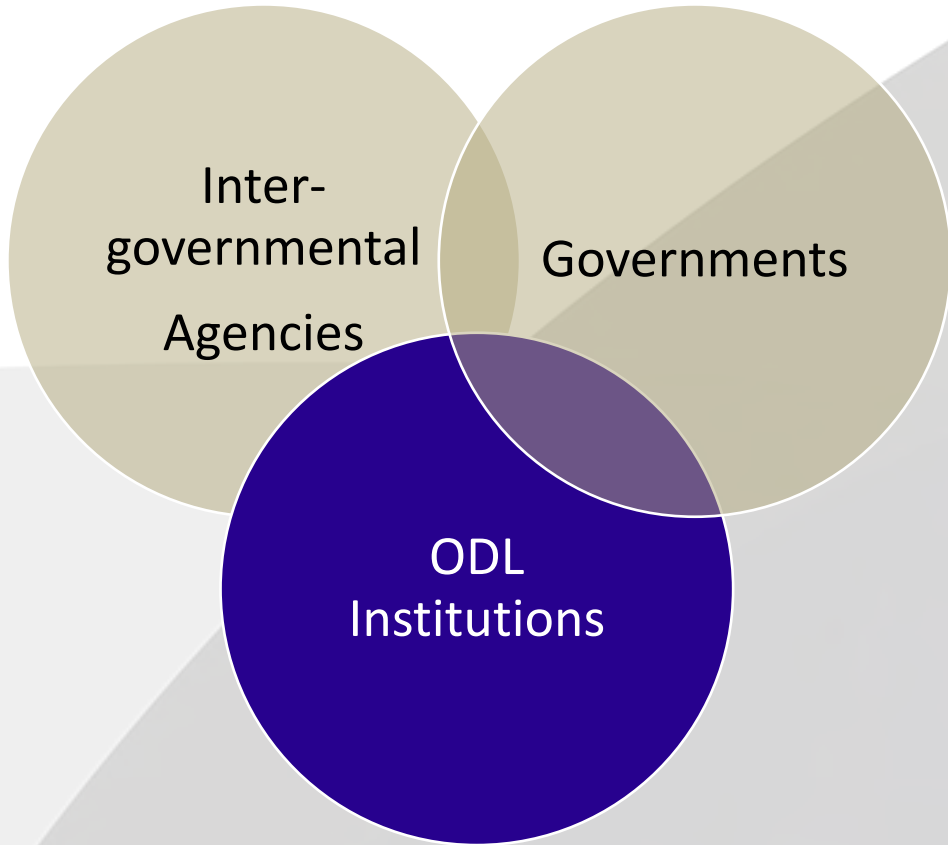
- Advocacy for open education policies
- Frameworks for implementing and monitoring progress
- Share best practices/lessons learned
- Promote regional and global partnerships

Governments



- Strengthen ICT infrastructure and governance
- Develop Open Education policies to improve access and reduce inequities
- Monitor open education practice develop OER repositories
- Coordination mechanisms

ODL Institutions



- Provide leadership for mainstreaming open education
- Adopt OER policy and practice to support teaching and learning
- Ensure quality of open education
- Focus on student success by developing employable skills

Riding the wave

- Self-directed learning
- Learning to learn online
- Creating an ecosystem for lifelong learning
- Providing just-in-time training for livelihoods

FUTURE

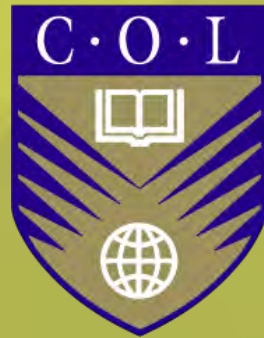


NEXT



Learning

Thank you



www.col.org



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