UNESCO CHAIR/UNITWIN NETWORK PROGRESS REPORT **FORM**

Title of the Chair/Network:	Open Educational Movement for Latin America (Movimiento Educativo Abierto para América Latina)
Host Institution:	Tecnologico de Monterrey
Date of establishment of Chair/Network: *(mm, yyyy)*	05, 2017
Period of activity under report: *(mm, yyyy - mm, yyyy)*	05, 2019 -05, 2020
Report established by: *(name, position)*	María-Soledad Ramírez-Montoya Open Educational Movement for Latin America Chair UNESCO https://oerunesco.tec.mx/

To be returned by electronic mail to both: unitwin@unesco.org and i.nichanian@unesco.org

Or by mail to UNESCO, Division for Teacher Development and Higher Education,

Section for Higher Education

7, place Fontenoy – 75352 Paris 07 SP, France

Fax: 33 (0)1 45 68 56 26/27/28

1. Executive Summary:
Major outcomes, results and impact of the Chair, including on national policies, in relation to its objectives as stated in Article 2 of the Chair Agreement (between the Institution and UNESCO) (Not exceeding 300 words)

With the general objective of promoting the integration of research, training and documentation of the open education movement in Latin America, work was carried out based on the specific objectives, where the following results were achieved:

- **Objective 1.** Sharing and mobilising open knowledge through training processes and implementation mechanisms. ***Results.*** 18 keynote lectures, 13 MOOCs, 2 workshops and impacting more than 150,000 people from more than 50 countries.

- **Objective 2.** Promote the integration of Latin American academics, through collaborative networks, to use and produce OER and join efforts to reduce gaps in education. ***Results.*** The "UNESCO/ICDE International Stay 2019 "Open Educational Movement for Latin America" took place from 9 to 20 December 2019, in Monterrey, Mexico (tiny.cc/EstanciaUnesco2019-Proy-V). Fifty-six participants from ten countries participated: Argentina, Chile, Colombia, Dominican Republic, Ecuador, Mexico, Nicaragua, Peru, Spain, United States of America and 14 panellists from Costa Rica and Mexico.

- **Objective 3.** To produce and disseminate studies of the open education movement and promote digital publishing practices. ***Results.*** Three studies were carried out with funding from the Consejo Nacional de Ciencia y Tecnología and the Tecnológico de Monterrey. An

innovation book was published to train in energy sustainability with massive open courses (MOOC).

- **Objective 4.** Promote cooperation with other Unesco Chairs in the area of open educational resources. ***Results.*** Participation with the Chair of Open Educational Resources of the Open Universiteit of the Netherlands, in study and publication.

- **Objective 5.** Cooperate closely with UNESCO in other relevant programmes and activities. ***Results.*** Actively participated with UNESCO in the OER Dynamic Coalition expert meetings. Also participated in the Open Education Conference 2020 organised by Open Education Global.

2) Activities:
Overview of activities undertaken by the Chair during the reporting period

a) Education/Training/Research
(key education programmes and training delivered and research undertaken by the Chair during the reporting period, target group and geographical coverage)

i) Education (leading to certificate)	- Training in open educational movement, through international stay 2019. Aimed at the target group of academics, managers, postgraduate students and professionals in general, with geographical coverage of Latin America (participants came from 10 countries and panelists from 2 countries). 56 participants were certified.
ii) Training (short term)	- Workshop course Challenge-based learning: opportunity for open innovation (Universidad Técnica Federico Santa María, Chile, June 2020). Available at: https://repositorio.tec.mx/handle/11285/636423 - Workshop course Development of Challenges oriented to the Sustainable Development Goals (SDGs) (Universidad Técnica Particular de Loja, Ecuador, September 2020). Available at: https://hdl.handle.net/11285/636787
iii) Research	- Development of an educational continuity model for health crisis situations, based on the analysis of good practices, lessons and challenges in Mexican Higher Education Institutions during the Covid 19 pandemic. Funding entity: National Council of Science and Technology. Fund: 2,880,000.00 Mexican pesos. Period: 2019-2021. Technical manager: Claudia Marina Vicario Solórzano (National Polytechnic Institute). Website: https://redlate.net/category/proyectos/ - 1st International Conference on Open Science and Institutional Repositories. Funding entity: Consejo Nacional de Ciencia y Tecnología (National Council of Science and Technology). Funding: 590,000 Mexican pesos. Period: 2019-2020. Technical Manager: Monserrat García Guerrero (University of Zacatecas). Website: http://cari.uaz.edu.mx/inicio

	▪ Novus N19004 OpenSocialLab project: linking with experiential learning to scale levels of mastery in social entrepreneurship competences. Funding entity: Tecnológico de Monterrey. Funding: 315,700 Mexican pesos. Period: 2019-2021. Technical Manager: María Soledad Ramírez Montoya (Tecnológico de Monterrey). Website: https://relaxed-pasteur-508b46.netlify.app/

b) Conferences/Meetings
(key conferences and meetings organized by the Chair or to which its Chairholder contributed)

i) Key conferences and workshops hosted by the Chair

- UNESCO International Stay 2019: Open Educational Movement for Latin America. Monterrey Nuevo León, Mexico. https://oerunesco.tec.mx/

ii) Other conferences/organizational activities undertaken by the Chairholder

- 7th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2019). University of Salamanca (Spain). 2019.teemconference.eu
- Sixth International Congress on Educational Innovation (CIIE 2019). Tecnologico de Monterrey. http://ciie.itesm.mx

iii) A selection of conference presentations by the Chairholder and other colleagues

- Ramírez-Montoya, M.S. (2020). Nuevas recomendaciones Unesco. Primer Congreso Internacional de Ciencia Abierta y Repositorios. Retrieved from: https://repositorio.tec.mx/handle/11285/636849
- Ramírez-Montoya, M.S. (2020). ¿Qué retos plantean las nuevas recomendaciones UNESCO para los REA?. Tercer Laboratorio de Innovación Social: REAcciones abiertas. Universidad Autónoma de Baja California. Retrieved from: https://hdl.handle.net/11285/636839
- Ramírez-Montoya, M.S. (2020). Diseño de MOOC en el marco de la innovación educativa. Instituto Tecnológico de Sonora. Retrieved from: https://repositorio.tec.mx/handle/11285/636813
- Ramírez-Montoya, M.S. (2020). Transformación digital del Tecnológico del Monterrey en tiempos de contingencia. Panel de expertos, Jornadas Docentes USM: Nuevos tiempos exigen Modelos Docentes Innovadores. Universidad Técnica Federico Santa María (Chile).
- Ramírez-Montoya, M.S. (2020). Evaluación de los aprendizajes en entornos digitales. Foro Internacional de Innovación Docente 2020. Universidad de Costa Rica. Retrieved from: https://hdl.handle.net/11285/636800.
- Ramírez-Montoya, M.S. (2020). Recursos educativos abiertos. Segundo laboratorio de innovación social "Tecnologías para el desarrollo de la innovación educativa". Universidad Autónoma de Baja California y Cátedra UNESCO Movimiento educativo abierto para América Latina. Retrieved from: https://repositorio.tec.mx/handle/11285/636792
- Ramírez-Montoya, M.S. (2020). Co-creación e Innovación Abierta en el marco de los Objetivos de Desarrollo Sostenible. LACHEC 10 Conferencia internacional Latinoamericana y del Caribe para la internacionalización de la educación superior (Colombia). Available: tiny.cc/Lachec2020.
- Ramírez-Montoya, M.S. (2020). Redes de co-creación y plataformas abiertas para la innovación educativa [Video-Conferencia]. Organizada por la Universidad Autónoma de Baja California (México). Available: https://hdl.handle.net/11285/636745.
- Ramírez-Montoya, M.S. & Obiageli, J.F. (2020). OER Online Consultation– WG2 – Policy for OER (Recommendations) [Video-Conference]. Organized by UNESCO (París). Available at: tiny.cc/PolicyOER Ramírez-Montoya, M.S. (2020). Redes y plataformas abiertas para la innovación educativa [Video-Conferencia]. Organizada por la Universidad Técnica Particular de Loja (Ecuador). Available: tiny.cc/RedesMarisol

- Ramírez-Montoya, M.S. (2020). Educación abierta en Cultura Digital [Video-Conferencia]. Organizada por la Secretaría de Educación (México). Available: http://tiny.cc/OpenEducation
- Ramírez-Montoya, M.S. (2020). Recursos y estrategias para el aprendizaje en línea [Video-Conferencia]. Organizada por la Facultad de Ciencias de la Educación de la Universidad de Bolivia (Bolivia). Available: http://tiny.cc/Bolivia-Marisol
- Ramírez-Montoya, M.S. (2020). Recursos y estrategias para el aprendizaje en línea [Video-Conferencia]. Organizada por la Facultad de Ciencias de la Educación de la Universidad de Arequipa (Perú). Available: http://tiny.cc/Arequipa-Marisol
- Ramírez-Montoya, M.S. (2020). Los recursos educativos abiertos en el marco de los objetivos de la UNESCO 2030 [Video-Conferencia]. Organizada por la Universidad Regiomontana. Available: tiny.cc/Laboratorio2020
- Ramírez-Montoya, M.S. (2020). Emprendimiento educativo en el marco de los retos de los objetivos de la agenda UNESCO 2030 [Video-Conferencia]. Organizada por Doctorado de Innovación Educativa del tecnológico de Monterrey. Available: tiny.cc/EmprendeEdu2020
- Ramírez-Montoya, M.S. (2020). Los recursos educativos abiertos en el marco de los objetivos de la UNESCO 2030 [Video-Conferencia]. Organizada por la Secretaría de Educación de Veracruz. Available: tiny.cc/Laboratorio2020
- Ramírez-Montoya, M.S. (2020). Estrategias de enseñanza para innovar y emprender en el marco de los objetivos del desarrollo sostenible [Video-Conferencia]. Organizada por el Tecnológico de Monterrey. Available: https://vimeo.com/401174682
- Ramírez-Montoya, M.S. (2019). RedOpenergy: oportunidades de investigación multidisciplinar de aporte a la acción por el clima [Conferencia]. 50 Congreso de Investigación y Desarrollo. Monterrey, Nuevo León, 27 de febrero 2020. Available: http://hdl.handle.net/11285/636131
- Ramírez-Montoya, M.S. (2019). La situación del movimiento de lo abierto en América Latina. Cava 2019: un diálogo sobre inclusión en América Latina [Conferencia]. Cartagena, Colombia, 21 de agosto 2019. Available: tiny.cc/Cartagena-Marisol

c) Interuniversity Exchanges/Partnerships

(principal exchanges/partnerships between the Chair and other institution,s including UNESCO Chairs/UNITWIN Networks)

Athabasca University/Rory McGreal/ICDE/UNESCO Chair
Universidad de la Rioja/Daniel Burgos/ICDE/UNESCO Chair on E-Learning
Open University of Netherlands/Christian M. Stracke/ICDE Chair
National Open University of Nigeria/Jane-Frances Obiageli Agbu/ICDE Chair
U. Carlos III de Madrid, Spain/Carlos Delgado Kloos/Chair on Scalable Digital Education for All
Jozef Stefan Institute Slovenia/Mitja Jermol/Chair in Open Technologies for OER and Open Learning
U of Brasilia, Brazil/Tel Amiel/Chair in Distance Education
Universidad de la Republica Uruguay/Virginia Rodes/Chair in Open Education
Universidad de Salamanca/ Francisco García-Peñalvo/Director of doctoral programme
Universidad de Huelva/Ignacio Aguaded/ Director of Doctoral Programme
Norwest University/Jairo Lugo/Director of Communication
Instituto Tecnológico de Sonora/ Imelda García/ Director of Doctoral Programme
Universidad Nacional Autónoma de México/Guillermo Rodríguez/ Director of Technologies
Universidad Autónoma de Yucatán/Pedro Canto/ Director of doctoral programme
Universidad Complutense de Madrid/Paloma Antón/ Professor of inclusive education
University of Barcelona/Antonio Bartolomé/Professor of innovation
Universidad Rey Juan Carlos/Luis Miguel Romero/ Professor of Communication
University of Barcelona/Antonio Bartolomé/ Professor of innovation
University of Barcelona/Sandra Martínez/ Professor of inclusive education
University of Granada/ José María Romero Rodríguez/ Professor of innovation
Universidad Estatal a Distancia/Diana Hernández/Director of innovation
Open Education Global/Marcela Morales/Coordinator OELATAM

d) Publications/Multimedia Materials
(major publications and teaching/learning materials)

Please tick relevant fields of output and indicate volume of output:		[tick]	[no.]
	Books	☐	
	Books (edited)	☑	1
	Books (chapters)	☑	08
	Monographs	☐	
	Research Reports	☑	06
	Journal Articles (refereed)	☑	12
	Conference Proceedings	☑	07
	Occasional Papers	☐	
	Teaching/Learning Materials	☑	10
	Multimedia Materials (CD-Rom)	☐	
	Multimedia Materials (Video)	☐	
	Multimedia Materials (Other)	☐	

Give details of major publications and materials including full citations.

i) Theses

González-Pérez, L.I. (2019). Protocolo de evaluación de la aceptación de los repositorios institucionales por parte de los usuarios: en el marco de una colección de recursos sobre sustentabilidad energética (Doctoral thesis). Universidad de Salamanca. Salamanca, España. Retrieved from: http://hdl.handle.net/11285/632842

Gerardo Díaz, G.M.R. (2020). Innovación incremental abierta con Blockchain para desarrollar competencias de emprendimiento en MOOCs de energía (Master's thesis). Tecnologico de Monterrey. Retrieved from: https://hdl.handle.net/11285/636616

ii) Publications

Book

- Ramírez-Montoya, M. S. y Mendoza-Domínguez, A. (Eds) (2019). Innovación y sustentabilidad energética. Colaboración multidisciplinar, MOOC e investigación educativa. Madrid: Narcea. Available: https://repositorio.tec.mx/handle/11285/636079

Journal Articles

- Ramírez-Montoya, M. S. (2020). Challenges for Open Education with Educational Innovation: a Systematic Literature Review. Sustainability, 12, 7053; doi:10.3390/su12177053. Retrieved from: https://hdl.handle.net/11285/636785.
- Celaya, I., Ramírez-Montoya, M. S., Naval, C. y Arbués, E.(2020). Uses of the podcast for educational purposes. Systematic mapping of the literature in WoS and Scopus (2014-2019) [Usos del podcast para fines educativos. Mapeo sistemático de la literatura en WoS y Scopus (2014-2019)]. Revista Latina de Comunicación Social (77), 179-201. Retrieved from: https://hdl.handle.net/11285/636723
- Ramírez-Montoya, M.S., & Lugo-Ocando, J. (2020). Systematic review of mixed methods in the framework of educational innovation. [Revisión sistemática de métodos mixtos en el marco de la innovación educativa]. Comunicar, 65, 111349. https://doi.org/10.3916/C65-2020-01 Retrieved from: https://hdl.handle.net/11285/636432 https://hdl.handle.net/11285/636431
- Romero-Rodríguez, J. M., Ramírez-Montoya, M. S., Aznar-Díaz, I., Hinojo-Lucena, J. (2020). Social appropriation of knowledge as a key factor for local development and open

Innovation: A Systematic Review. Journal of Open Innovation. Technology, Marketing & Complexity, 6(44), 1-13. https://doi.org/10.3390/joitmc6020044 Retrieved from: https://hdl.handle.net/11285/636411

- Romero-Rodríguez, L.M., Ramírez-Montoya, M.S., & Valenzuela, J.R. (2020). Correlation analysis between expectancy-value and achievement goals in MOOCs on energy sustainability: Profiles with higher engagement . Interactive Technology and Smart Education, 1-39. Retrieved from: https://hdl.handle.net/11285/636407
- Sarango, P., Mena, J. J. y Ramírez-Montoya, M.S. (2020). La escala de Competencia Digital y uso de Recursos Educativos Abiertos (CD-REA): factores asociados a la competencia de los docentes universitarios bimodales. RISTI - Revista Iberica de Sistemas e Tecnologias de Informacao, E28(4), 545-558. Available: https://repositorio.tec.mx/handle/11285/636327
- Romero-Rodríguez, L.M., Ramírez-Montoya, M.S., & Aguaded, I. (2020). Determining Factors in MOOCs Completion Rates: Application Test in Energy Sustainability Courses. Sustainability, 12(7), 1-11. https://doi.org/10.3390/su12072893 Retrieved from: https://hdl.handle.net/11285/636325
- Romero-Rodríguez, L.M., Ramírez-Montoya, M.S., & Valenzuela, J.R. (2020). Incidence of digital competences in the completion rates of MOOCs. Case study on Energy Sustainability courses. IEEE Transactions on Education, 1-7. https://doi.org/10.1109/TE.2020.2969487 Retrieved from: http://hdl.handle.net/11285/636133
- Rincón-Flores, E. G., Mena Marcos, J. J., Ramírez-Montoya, M. S., Ramírez Velarde, R.(2020). The use of gamification in xMOOCs about energy: Effects and predictive models for participants' learning. Australasian Journal of Educational Technology, 36(2), 43-59. https://doi.org/10.14742/ajet.4818 Retrieved from: https://ajet.org.au/index.php/AJET/artic/view/4818/1615 Retrieved from: http://hdl.handle.net/11285/633007
- González-Pérez, L. I., & Ramírez-Montoya, M. S. (2019). User Experience of an Institutional Repository in a Private University in Mexico: A Fundamental Component in the Framework of Open Science. Journal of Information Technology Research, 12(4), 67-87. doi: 10.4018/JITR.2019100104 Retrieved from: https://hdl.handle.net/11285/636533
- Beltrán, J. A., García, R. I., Ramírez-Montoya, M. S., & Tánori, J. (2019). Factores que influyen en la integración del programa de inclusión y alfabetización digital. Revista Electrónica de Investigación Educativa, 21(3), 1-10. Retrieved from: https://redie.uabc.mx/redie/article/view/2088 Retrieved from: https://repositorio.tec.mx/handle/11285/636012
- Beltrán-Hernández, M., Romero-Rodríguez, L.M. & Ramirez-Montoya, M.S. (2019). Entrepreneurship competencies in energy sustainability MOOCs. Journal of Entrepreneurship in Emerging Economies. doi 10.1108/JEEE-03-2019-00 Retrieved from: https://repositorio.tec.mx/handle/11285/633034

Book chapter

- González-Pérez, L. I., Ramírez-Montoya, M. S., & García-Peñalvo, F. J. (2020). User experience in institutional repositories: A systematic literature review. In Digital Libraries and Institutional Repositories: Breakthroughs in Research and Practice (pp. 423-440). IGI Global Retrieved from: https://hdl.handle.net/11285/637053
- Ramírez-Montoya, M.S. (2020). MOOCs and OER: Developments and Contributions for Open Education and Open Science. In D. Burgos (Ed.). Radical Solutions and Learning Analytics. An Open Approach to Boost Higher Education (159-175). Springer Nature https://doi.org/10.1007/978-981-15-4276-3 Retrieved from: https://hdl.handle.net/11285/636357
- González-Pérez, L. I., Ramírez-Montoya, M. S. y García-Peñalvo, F. J. (2019). Capítulo 7. Innovación educativa en estudios sobre el desarrollo y uso de la tecnología: un mapeo sistemático. En M. S. Ramírez-Montoya y J. R. Valenzuela-González (Eds.). Innovación educativa: tendencias globales de investigación e implicaciones prácticas (pp. 137-160). Octaedro. Available: https://hdl.handle.net/11285/636957
- Quintero-Rodríguez, E., Valerio-Ureña, G. y Ramírez-Montoya, M. S. (2019). Capítulo 9. Innovación educativa en estudios sobre el desarrollo y uso de la tecnología: implicaciones prácticas. En M. S. Ramírez-Montoya y J. R. Valenzuela-González (Eds.). Innovación

educativa: tendencias globales de investigación e implicaciones prácticas (pp. 181-197). Octaedro. Available: https://hdl.handle.net/11285/636956

- Ramírez-Montoya, M.S. (2019). Colaboración multidisciplinar para la formación y la investigación: grupos de investigación de enfoque estratégico, Cátedra UNESCO/ICDE y Red Openergy. En Ramírez-Montoya, M. S. y Mendoza-Domínguez, A. (eds), Innovación y sustentabilidad energética. Colaboración multidisciplinar, MOOC e investigación educativa (pp.17-32). Madrid: Narcea. Available: https://hdl.handle.net/11285/636946
- Valenzuela Arviszu., S., Castillo-Abdul, Mendoza, A. y Ramírez-Montoya, M.S. (2019). Innovación en cursos masivos abiertos con estrategias de gamificación, aprendizaje invertido y aprendizaje por retos en el MOOC "La reforma energética de México y sus oportunidades". En Ramírez-Montoya, M. S. y Mendoza-Domínguez, A. (eds), Innovación y sustentabilidad energética. Colaboración multidisciplinar, MOOC e investigación educativa, (pp. 113-134). Madrid: Narcea. Available: https://hdl.handle.net/11285/636947
- Ramírez-Montoya, M. S. (2019). MOOCs and OER: developments and contributions for open education and open science. In Burgos, D. (eds.). Radical Solutions & Open Science An Open Approach To Boost Higher Education. EEUU: Springer

Conference Proceedings

- Stracke, C. M., Bozkurt, A., Conole, G., Nascimbeni, F., Ossiannilsson, E., Sharma, R. C., Burgos, D., Cangialosi, K., Fox, G., Mason, J., Nerantzi, C., Obiageli Agbu, J. F., Ramírez Montoya, M. S., Santos-Hermosa, G., Sgouropoulou, C., & Shon, J. G. (2020). Open Education and Open Science for our Global Society during and after the COVID-19 Outbreak. In Proceedings of the Open Education Global Conference 2020 (s.p., 4 p.). doi:10.5281/zenodo.4275669 Retrieved from: https://hdl.handle.net/11285/637054
- Farías-Gaytán, S., Ramírez-Montoya, M. S., & Aguaded, I. (2020). Research plan on the digital transformation of faculty to advance to the global era. In Proceedings of the 8th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2020). University of Salamanca. Spain. https://hdl.handle.net/11285/636823.
- García-Guerrero, M., Ramírez-Montoya, M. S., & García-Peñalvo, F.J. (2020). Towards an Open Science technological ecosystem for a Mexican University. In Proceedings of the 8th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2020). University of Salamanca. Spain. https://hdl.handle.net/11285/636820.
- Montes- Martínez, R. & Ramírez-Montoya, M. S. (2020). Educational and Social Entrepreneurship of Future Teachers in the Framework of Open Education and Sustainable Development. In Proceedings of the 8th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2020). University of Salamanca. Spain. https://hdl.handle.net/11285/636822.
- Ontiveros-Ortíz, E., & Ramírez-Montoya, M. S. (2020). University Social Responsibility Technology-Base Model Through Social Appropriation of Knowledge. In Proceedings of the 8th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2020). University of Salamanca. Spain. https://hdl.handle.net/11285/636828.
- Yañez-Figueroa, J.A., Ramírez-Montoya, M. S., & García-Peñalvo, F.J. (2020). Validation of the K-Social-C questionnaire for measuring the Social Construction of Knowledge from Open Innovation in Social Innovation Laboratories. In Proceedings of the 8th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2020). University of Salamanca. Spain. https://hdl.handle.net/11285/636832
- Ramírez-Montoya, M. S., González-Padrón, J. G., Muzquiz-Flores, M., García-González, A., Romero-Rodríguez, J. M., & Aznar-Díaz, I. (2020). Emerging technologies for the proposal and design of a MOOC on social entrepreneurship. IEEE EDUCON 2020. Porto, Portugal. Retrieved from: http://hdl.handle.net/11285/636122

e) Cooperation with UNESCO Headquarters, Field Offices

Participation in Open Educational Resources expert sessions and activities to strengthen UNESCO's programmes (such as Open weeks and workshops). Also, participation in international congresses promoted by the headquarters and the chairs' colleagues.

f) Other
(any other activities to report)

Three international awards were received:

- International Open Research Award 2019 (Open Research Award 2019 (https://www.oeconsortium.org/projects/open-education-awards-for-excellence/2019-winners-of-oe-awards/tools-and-practices-awards/) awarded by the Open Education Consortium's Board of Directors (Milan, November 2019).
- Open Innovation Award 2019 (https://www.oeconsortium.org/projects/open-education-awards-for-excellence/2019-winners-of-oe-awards/tools-and-practices-awards/) awarded by the Open Education Consortium's Board of Directors (Milan, November 2019).
- Scientific Excellence Award 2020 (https://www.revistacomunicar.com/pdf/documentos/premio-excelencia-COMUNICAR.pdf) for Authors granted by the Editorial Board of the journal 'Comunicar' (JCR-Q1 and Scopus-Q1 in the main international databases), for the award-winning title "Co-creation and Open Innovation: Systematic Literature Review". This recognition is given within the framework of 1,792 single authors from all over the world.

Chair's participation in the Open Education Board of Directors:

- Elected representative to the Open Education Global 2020-2021 Board of Directors (https://www.oeglobal.org/about-us/people-of-oeg/board-of-directors/).

3. Future Plans and Development Prospects:
Outline of action plan for the next biennium and short/medium and long-term development prospects. Please do not hesitate to refer to difficulties that the Chair has experienced
(Not exceeding 300 words)

Link the global objectives of the UNESCO Draft Medium-Term Strategy 2014-2021 with the objectives of the UNESCO/ICDE Chair to enhance the integration of research, training and documentation of the open education movement in Latin America. The short, medium and long-term plans for the next two years will focus on linking the specific objectives of the Chair with the strategic objectives of UNESCO's plans:

- **Objective 1.** Sharing and mobilising open knowledge, through training processes and implementation mechanisms. ***Short-term plan.*** Promote the new UNESCO recommendations in the Latin American region.

- **Objective 2.** Promote the integration of Latin American academics, through collaborative networks, to use and produce OER and join efforts to reduce gaps in education. ***Medium-term plan.*** Design the "UNESCO/ICDE International Stay 2021 "Open Educational Movement for Latin America", so that by December 2021, we work creatively to propose future education programmes and education systems that promote the possibilities of quality lifelong learning.

- **Objective 3.** Produce and disseminate studies of the open education movement and promote digital publishing practices. ***Long-term plans.*** Promote studies linking science, politics and society and ethical and inclusive policies for sustainable development.

- **Objective 4.** Promote cooperation with other Unesco Chairs in the area of open educational resources. ***Short-term plans.*** Promote international cooperation activities in the field of science to foster sustainability and social inclusion.

- **Objective 5.** Cooperate closely with UNESCO in other relevant programmes and activities. ***Long-term plans.*** Link actions together to contribute to inclusive social and economic development, leading to improved coexistence and quality education for all.

Appendix:

1) Human Resources
Vladimir Burgos/Libraries/Tecnologico de Monterrey
Leonardo Glasserman/Research/Tecnologico de Monterrey
Abel García/Research/Tecnologico de Monterrey
Isolda Martínez/Research/Tecnologico de Monterrey
Approximately 50 collaborators from Tecnologico de Monterrey (innovation, research, academic, administrative, communication and legal areas).

2) Financial Resources

Please tick sources of financial contribution and specify the amount in U.S. dollars		[tick]	Amount ($)
	Host Institution	☑	**50,000**
	Partner Institution	☑	**150,000**
	Government Body	☐	_____
	Other Public Institution/Body	☑	**200,000**
	(incl. Research Councils)		
	UNESCO	☑	**3000**
	Other UN Agency	☐	_____
	IGO	☐	_____
	NGO	☐	_____
	Industry	☐	_____
	Other Private	☐	_____

Give details of financial contributions, material resources and space.

- The institution contributed with human resources, physical spaces, technological platforms and accommodation, as well as travel logistics for participation in representations, conferences, international stay UNESCO 2019 and delivery of workshops and courses.
- Partner institutions contributed with travel logistics for participation in conferences and workshops.
- The National Council for Science and Technology contributed funds for research and training developments (MOOCs, Openergy Network and OpenLab) and technologies.
- UNESCO contributed transport and accommodation for expert sessions invited to work with the new open educational resources recommendations.

End of the Form