

MIL, human development and teacher training: case study on MIL development at CUN University in Colombia

Tomás Durán Becerra
Gerardo Machuca

Kaunas, 24th Oct. 2018

**GLOBAL MEDIA
AND INFORMATION
LITERACY WEEK**
24 - 31 October 2018



Corporación Unificada Nacional
de Educación Superior



United Nations
Educational, Scientific and
Cultural Organization



UNITWIN Cooperation Programme on
Media and Information Literacy and Intercultural Dialogue



United Nations Alliance of Civilizations



United Nations

Logos at the top: CUN, a classical building, uniTwin, United Nations, and the UN emblem.

1ra
Jornada de diálogos:
 Comunicación y Educación
 para la Construcción de Paz

La CUN te invita a un espacio de socialización y reflexión a través de tres paneles liderados por expertos en temas socioculturales.

Fecha: 17 de Octubre | Auditorio: sede G (7mo piso). Calle 17 # 4-95

Programate

PANEL 1 Educación e investigación en la construcción de territorios de paz. 8:00 a.m. a 10:00 a.m.	PANEL 2 La comunicación social, el periodista y las culturas de paz. 10:30 a.m. a 12:30 p.m.
PANEL 3 Medios de comunicación e información en la construcción de paz.	6:30 p.m. a 8:30 p.m.

[Inscríbete aquí](#)

Con el apoyo de la Red Unitwin Unesco de Alfabetización Mediática e Informativa y Diálogo Intercultural MILID

Llama gratis desde tu celular: 01 8000 11 54 11
 Bogotá: + (57) (1) 307 82 88
 contactenos@cun.edu.co
 cun.edu.co

Route:

- ▶ Prior research: MIL Readiness Index
- ▶ Identification of Stakeholders
- ▶ Case study and actions
 - ▶ Research
 - ▶ Short training
 - ▶ MIL-Clicks

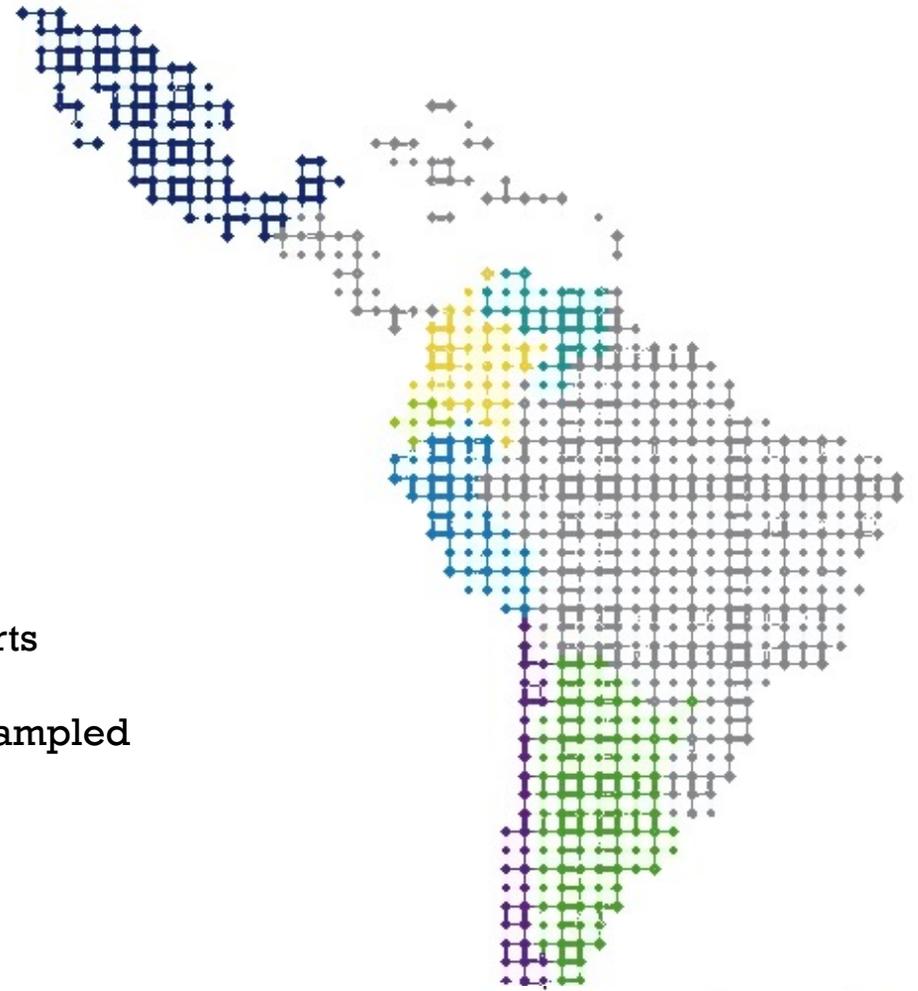
MIL readiness Index

- 11 countries from Latin America
 - Argentina
 - Chile
 - Colombia
 - Costa Rica
 - Ecuador
 - Mexico
 - Panama
 - Peru
 - Dominican Republic
 - Venezuela
 - Uruguay
- Middle-upper income countries (WB, 2014)
- Spanish speaking

Experts:

- 44 experts

- Of 100 sampled



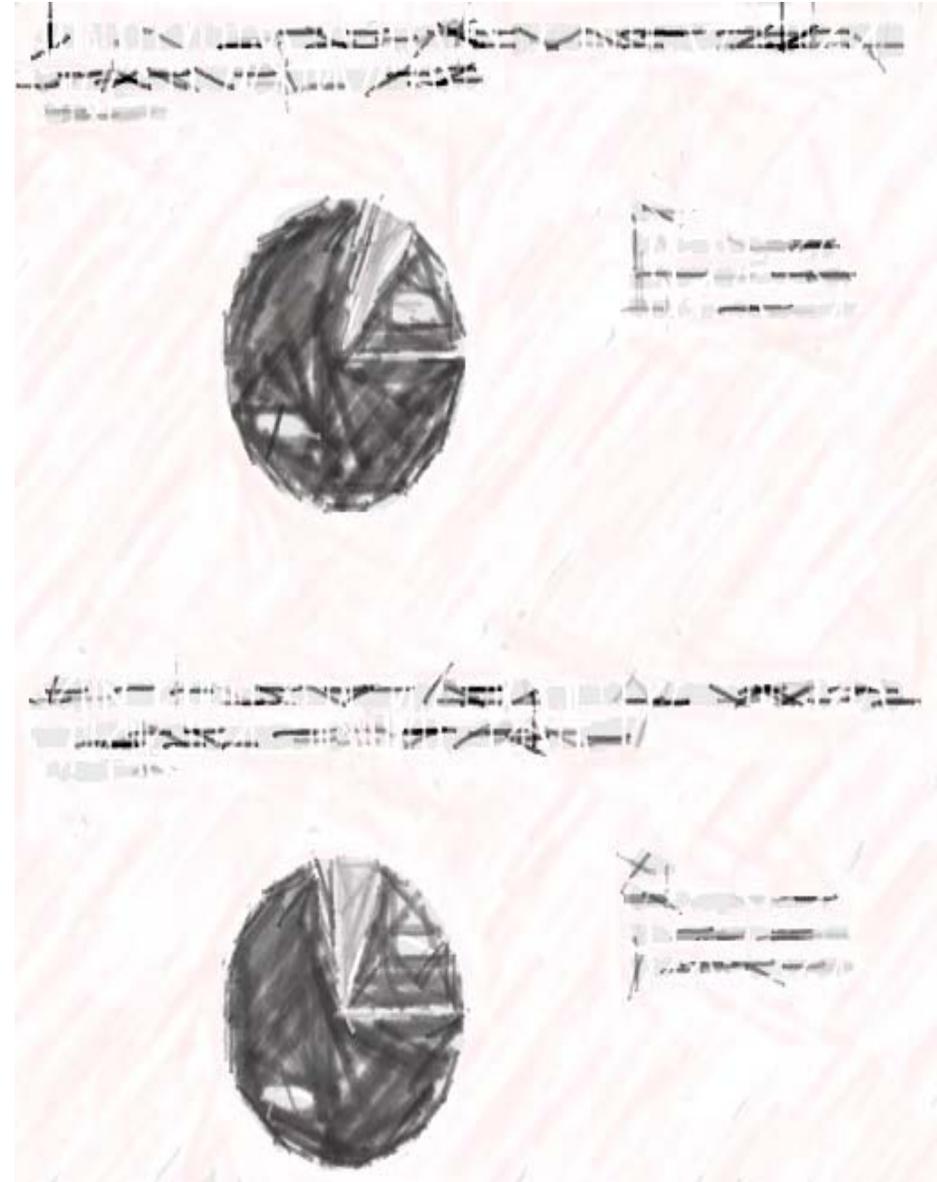
Corporación Unificada Nacional de Educación Superior

United Nations Educational, Scientific and Cultural Organization

UNITWIN Cooperation Programme on Media and Information Literacy and Intercultural Dialogue

Questionnaire

- ▶ MIL and Curricula;
- ▶ MIL activities, resources and training;
- ▶ MIL Policy;
- ▶ MIL and Media and telecommunications industry;
- ▶ MIL and Social Society.



MIL Regional CONTEXT

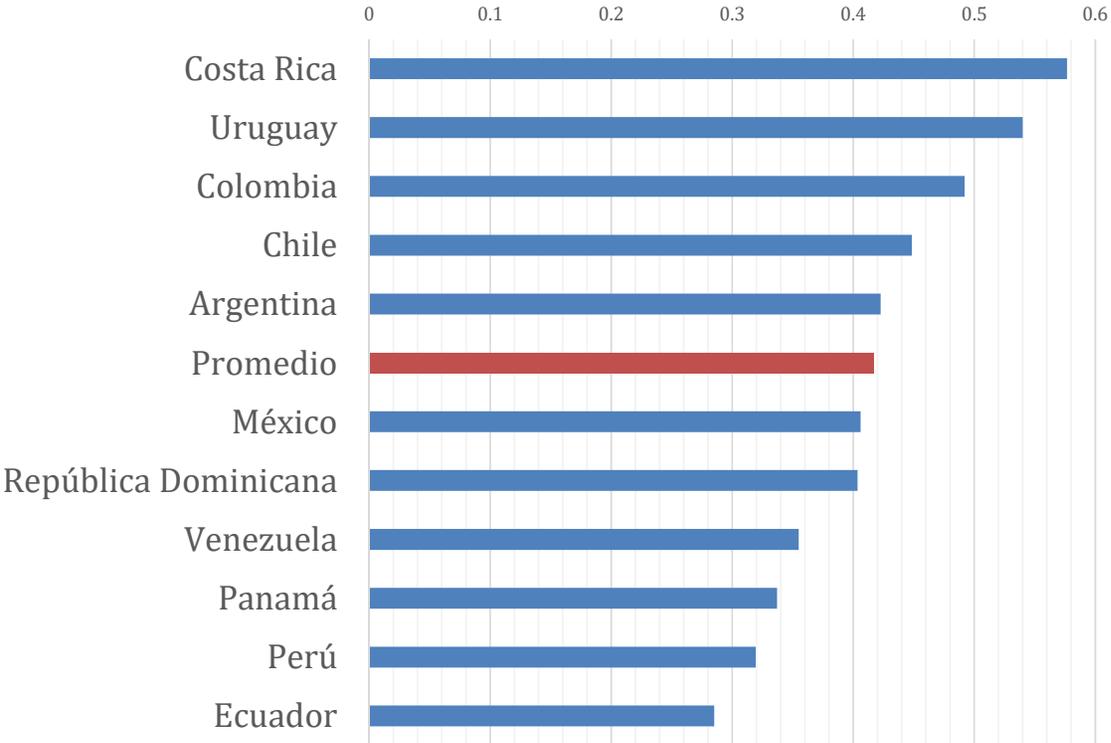
Survey and literature review showed that:

1. MIL cannot be considered a generalized field of study
2. References to MIL in national curricula are few and seen as insufficient
3. There are no media competence assessment tools being used at any schooling level (nor for teachers)
4. Huge emphasis on digital skills → but little development of media competence
5. Teachers are not being trained on MIL

MIL Regional CONTEXT

1. All countries have a large variety of OER
2. All countries have ICT units/depts. for education
3. All countries have both access to and use of technology programmes and policies
4. In general terms, countries surveyed lack MIL policies
5. Media industry is not strongly compromised with MIL (no activities or products aimed at strengthening media competence)
6. There are individual or civic society initiatives on MIL but with limited scope

MIL Readiness index



United Nations
Educational, Scientific and
Cultural Organization

UNITWIN Cooperation Programme on
Media and Information Literacy and Intercultural Dialogue

MIL-RI sub-indexes

	MIL-RI		MIL & Education		MIL Policy		MIL & Media Industry		MIL and Civic Society		Media Availability	
Costa Rica	↑	0,576702902	↑	0,485507246	↑	0,745098039	↑	0,595238095	→	0,416666667	↑	0,583125
Uruguay	↑	0,540115591	↑	0,510869565	↑	0,696078431	→	0,214285714	→	0,388888889	↑	0,638083333
Colombia	↑	0,492066382	↑	0,405797101	↑	0,794117647	→	0,404761905	→	0,388888889	→	0,436791667
Chile	→	0,448471104	→	0,31884058	↑	0,696078431	↓	0,19047619	↓	0,222222222	↑	0,554
Argentina	→	0,422593989	→	0,297101449	→	0,637254902	↓	0,023809524	↓	0,222222222	↑	0,585625
Mexico	→	0,406111837	↑	0,398550725	→	0,598039216	→	0,238095238	→	0,388888889	↓	0,366916667
Dominican Republic	→	0,403573561	↓	0,231884058	↑	0,725490196	→	0,238095238	↑	0,611111111	↓	0,302708333
Venezuela	↓	0,354903413	↓	0,217391304	→	0,549019608	↓	0,119047619	→	0,305555556	→	0,424416667
Panama	↓	0,337047239	↓	0,130434783	↓	0,411764706	→	0,285714286	→	0,277777778	→	0,451916667
Peru	↓	0,319474175	→	0,268115942	↓	0,401960784	↓	0,19047619	→	0,444444444	↓	0,303125
Ecuador	↓	0,285142852	↓	0,123188406	↓	0,529411765	↓	0,095238095	↓	0,111111111	↓	0,368083333

MIL-RI comparison

	MIL Readiness Index 2016 (MIL-RI)	ICT Development Index 2015 (IDI)	Networked Readiness Index 2014 (NRI)	Human Capital Index 2015 (HCI)	E-participation Index 2014
Costa Rica	↑ 0,576702902	↑ 6,2	↑ 4,247225425	↑ 69,75	↑ ,82
Uruguay	↑ 0,540115591	↑ 6,7	↑ 4,217984664	↓ 60,51	↑ ,98
Colombia	↑ 0,492066382	→ 5,32	→ 4,049066172	→ 67,63	↑ ,88
Chile	→ 0,448471104	↑ 6,31	↑ 4,608282747	↑ 71,80	↑ ,94
Argentina	→ 0,422593989	↑ 6,4	↓ 3,52994453	↑ 71,01	→ ,55
Mexico	→ 0,406111837	↓ 4,68	→ 3,88840156	↑ 68,50	→ ,61
Dominican Republic	→ 0,403573561	↓ 4,26	↓ 3,691579337	↓ 62,79	↓ ,33
Venezuela	↓ 0,354903413	→ 5,48	↓ 3,392693043	↑ 71,18	→ ,57
Panama	↓ 0,337047239	↓ 4,87	↑ 4,364131824	↑ 71,01	↓ ,49
Peru	↓ 0,319474175	↓ 4,26	↓ 3,728398848	↑ 68,13	→ ,71
Ecuador	↓ 0,285142852	↓ 4,81	→ 3,854656532	-	↓ ,49
Scale	0 a 1	0 a 10	1 a 7	0-100	0 a 100
Source	Propia	ITU (2015)	WEF (2015)	WEF (2015)	UN E-Government ranking 2014 (EGDI)

MIL at CUN University



United Nations
Educational, Scientific and
Cultural Organization



UNITWIN Cooperation Programme on
Media and Information Literacy and Intercultural Dialogue



United Nations Alliance of Civilizations



Context

- ▶ Colombia is facing a mayor challenge: make peace possible:
 - ▶ Access (and permanence) to education was not granted
 - ▶ Access to the internet was not possible due to war conditions
 - ▶ Democratic exercises are new to some regions
- ▶ Economical background
- ▶ Social background
- ▶ Digital illiteracy
- ▶ Shortage of qualified trainers at some regions

CUN

- ▶ 35 thousand students
- ▶ 2000 teachers
- ▶ Online, in-place and distance training methodologies
- ▶ Technical (+4), technological (+6) and professional degrees (+10)
- ▶ Postgraduate offer
- ▶ Peace and territorial development postgraduate studies
- ▶ Low tuition fees (near public universities tuition fees)
- ▶ High-tech industry allies

Stakeholders. How we identify them, how we convinced them...

- ▶ Policy makers. Only interested in showable results
- ▶ Industry. Interested but not willing to invest
- ▶ Schools. Interested but have no money to invest
- ▶ University. Interested
 - ▶ Business plan
 - ▶ Impact on ICT competence
 - ▶ Cost reduction
 - ▶ Broader reach
 - ▶ Digital platforms exploitation

What is the project about

- ▶ Take advantage of ICT investment made by CUN to enhance both qualitatively and quantitatively teachers' teaching and learning practices.
- ▶ Train the academic community on MIL competencies after having identified their qualification needs.
- ▶ Identify the main challenges CUN has towards implementing ICT infrastructures at a national level.
- ▶ Create a series of short courses on the three main MIL components (media, information, digital)



Up to now:

- ▶ Test (questionnaire) to 250 teachers.
- ▶ First Teacher Training proposal
- ▶ Focus Groups
- ▶ Interaction with other institutional projects
- ▶ Experts validation
- ▶ First MIL course to be taken early 2019A

Diagnostic Test

Route:

- Test-questionnaire to teachers (UNESCO, EU and MIL-RI Frameworks)
- Compulsory

Conclusions:

- Very basic level of MIL competence among teachers
- But, Interest on MIL, specially on information environments and educational resources

	Diagnóstico autovalorativo	Conocimiento	Valorativa	Valorativa-Práctica	Lógica	Prueba	
Informacional	7	8	6	1	3	5	15
Mediática	3	8	0	3	5	3	11
Digítal	7	2	2	5	2	0	9
Informacional	47%	53%	40%	7%	20%	33%	100%
Mediática	27%	73%	0%	27%	45%	27%	100%
Digítal	78%	22%	22%	56%	22%	0%	100%
	17	18	8	9	10		
	51%	49%	21%	30%	29%	20%	

Focal groups - Related and exploitable Projects

Initiative	Characteristic
CUN Containers	Fully equipped containers that serve to download and upload content. They also serve for synchronic encounters on CUN`s LMS. They were designed to reach regions where there is no internet connection available.
Telecampus	Full e-learning experience platform, based on innovation and entertainment as means to stimulate learning and use of virtual learning environments. It seeks to set up a platform for stakeholder and allies willing to deliver education at remote regions of the country.
Platform C	E-learning platform designed by CUN. It was developed to be light-weighted as band-width is a problem in rural areas in Colombia.
CUN-Mobile	University's app. It holds all academic and information services of the university. It includes CUN Media and Learning Game CUNoid

Creating the MIL short training courses

- ▶ Technical and pedagogical design of the first MIL short course - 40h (May 2018).
- ▶ Experts validation (pedagogy expert, MIL expert, virtual education expert)
- ▶ Focus Groups (teachers and researchers: practitioners)
- ▶ Second draft of the course
- ▶ Virtualization

AMI CUN 2018:
“Teachers as innovation and change makers”
Short teacher training course (40h)

Expected learning:

Recognize the importance of MIL within young professionals training by understanding and applying media, information and digital principles in the design of a teaching-learning route.

Training purpose:

Design a teaching-learning route to address MIL in their own courses-



UNITWIN Cooperation Programme on
Media and Information Literacy and Intercultural Dialogue

Course design

Competence to...

- 1 Know and recognize MIL importance within education in a globalized context.
- 2 Retrieve, allocate, discriminate and associate information by source and provider, being able to understand its social, economic and/or political context and use it for training purposes in an adequate and ethical way.
- 3 Develop online (virtual) training processes to create content and information to be used as tools to ensure and enhance quality in tertiary education through alternative methodologies.
- 4 Foster an adequate use of media and information (including technologies) to create learning routes that meet the audiences needs.
- 5 Promote citizenship building and empowerment technics within ICT-mediated training processes to strengthen democracy and long life learning.

Broader experiences

- ▶ Articulation with technical schools
- ▶ Non-formal tertiary education offer
- ▶ Mil Clicks

No.	Ability	Theme	Purpose
1	General	MIL?	Create awareness of MIL, its characteristics and its importance in the context of the university
2	Informational	Infoxication: keys to track and organize information	Stimulate the correct use of datasets, databases and media on the basis of good practices for identifying, retrieving and storing information.
3	Informational	I'm responsible for what I share	Understand and use information knowing the limits and responsibilities linked to creating and reproducing content online.
4	Digital	ICT: What for?	Explain the role of ICT as means to maximize learning experiences.
5	Media	Learning trough Social Media ?	Identify the information and communication tools offered within social media networks and apps that can serve the learning process.
6	Media	How to build an academic community from MIL	Understand the links between the media and the construction on organizational cultures, citizenship and democracy.



United Nations Educational, Scientific and Cultural Organization



UNITWIN Cooperation Programme on Media and Information Literacy and Intercultural Dialogue



United Nations Alliance of Civilizations

Impact in and outside

- ▶ Participation in major education conference resulted on the first official meeting to organize an MIL research group in Colombia
- ▶ Interaction with other departments of the university has contributed to boosting up all actions developed within the project
 - ▶ Focus groups; encounters
- ▶ University authorities interested in creating MIL MOOC/specialization as part of their non formal education offer
- ▶ Association of Business Schools and Faculties (ASCOLFA) interested in the project and wanting to support actions related to MIL and the Orange Economy
- ▶ Authorities from the National Department for Science and Technology to take the short teachers training MIL Course
- ▶ Creation of the Inventors Club (MIL to create awareness on copyrights...)



United Nations
Educational, Scientific and
Cultural Organization



UNITWIN Cooperation Programme on
Media and Information Literacy and Intercultural Dialogue



United Nations Alliance of Civilizations

Thank you!



United Nations
Educational, Scientific and
Cultural Organization



UNITWIN Cooperation Programme on
Media and Information Literacy and Intercultural Dialogue



United Nations Alliance of Civilizations

