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## Openness in Teachers' Digital Competence Frameworks: Looking for the Open Educator

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# *Openness in Teachers' Digital Competence Frameworks: Looking for the Open Educator*

Gemma Tur, Victoria I. Marín, Leo Havemann, Fabio Nascimbeni & Dawn Marsh

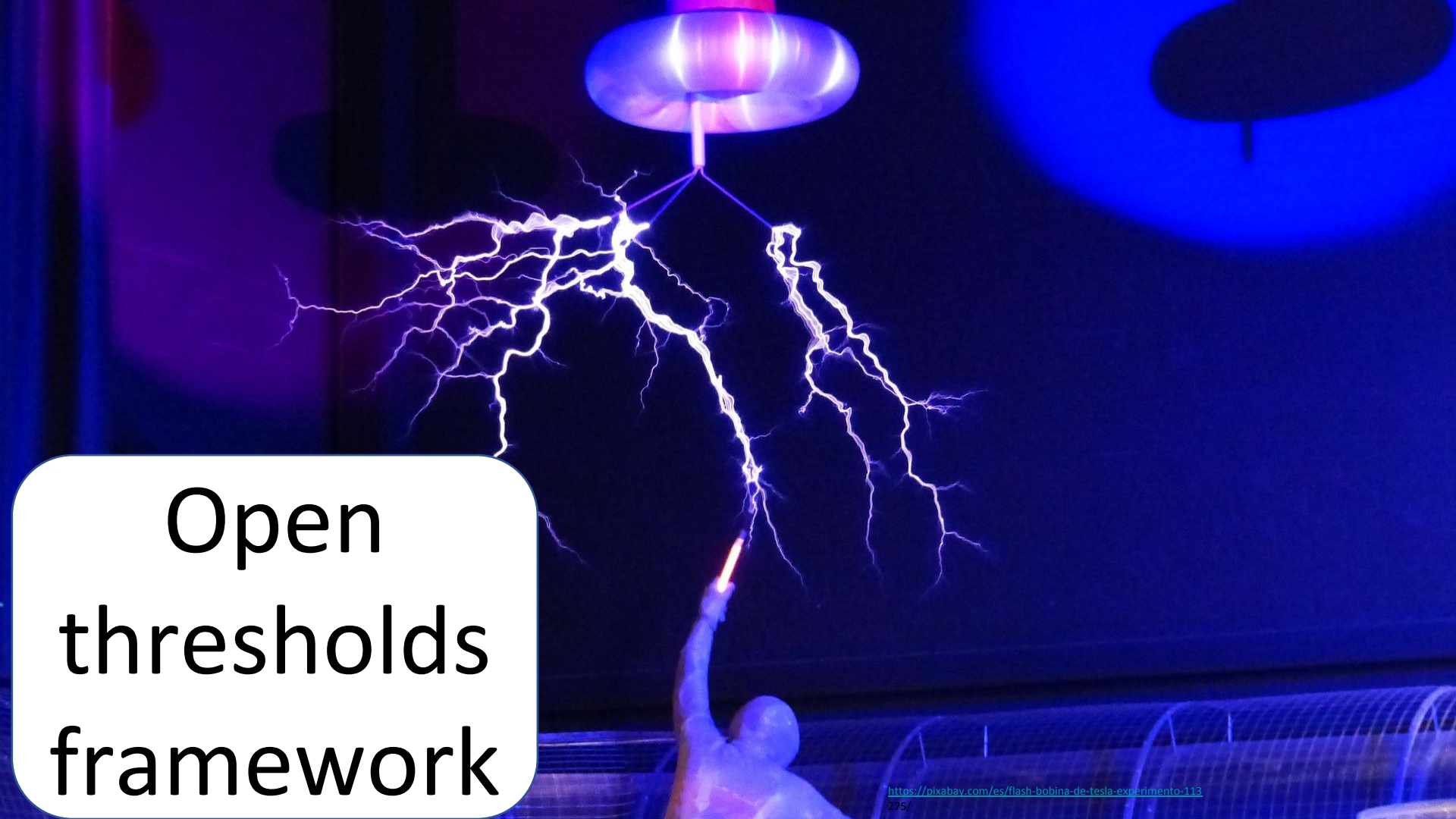


**#OER20** Online edition  
1- 2 April 2020



# FROM OER18 TO OER20



A photograph of a Tesla coil experiment. A person is holding a glowing red rod connected to the secondary coil of a Tesla coil. Bright purple lightning bolts are striking the rod and spreading outwards. The background is dark with blue and purple lighting.

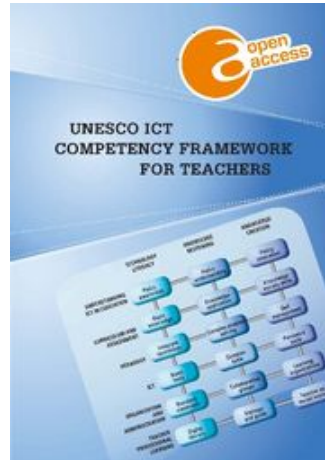
# Open thresholds framework



# Areas

# Progressive levels

# 4 digital competence frameworks for teachers...



## Marco Común de Competencia Digital Docente

Enero 2017  
INTEF



# DIGCOMPEDU (European Commission)

DIGCOMPEDU	EXPLICIT OEP	IMPLICIT OEP	NO OEP
AREA 1 Professional Engagement		x	
AREA 2 Digital Resources		x	
AREA 3 Teaching and Learning		x	x
AREA 4 Assessment		x	x
AREA 5 Empowering learners		x	x
AREA 6 Facilitating Learners' Digital Competence	x	x	

# Teachers' Digital Competence Framework (INTEF, Spain)

<b>INTEF</b>	EXPLICIT OEP	IMPLICIT OEP	NO OEP
AREA 1 Information and data literacy		x	x
AREA 2 Communication and collaboration		x	x
AREA 3 Digital content creation	x	x	x
AREA 4 Safety			x
AREA 5 Problem solving		x	x



# ISTE Standards for Educators (USA)

ISTE	EXPLICIT OEP	IMPLICIT OEP	NO OEP
AREA 1 Learner		X	X
AREA 2 Leader	X	X	
AREA 3 Citizen	X	X	
AREA 4 Collaborator		X	X
AREA 5 Designer		X	X
AREA 6 Facilitator		X	X
AREA 7 Analyst		X	

# ICT Competence Frameworks for Teachers (UNESCO)

UNESCO	EXPLICIT OEP	IMPLICIT OEP	NO OEP
AREA 1 Understanding ICT in Education Policy			X
AREA 2 Curriculum and Assessment	X	X	
AREA 3 Pedagogy		X	
AREA 4 Application of Digital Skills	X	X	
AREA 5 Organization and Administration		X	
AREA 6 Teacher Professional Learning	X		

# Overview of OEP in the 4 frameworks

	EXPLICIT OEP	IMPLICIT OEP	NO OEP
<b>DIGCOMPEDU (6 areas)</b>	1 area	6 areas	3 areas
<b>INTEF (5 areas)</b>	1 area	4 areas	5 areas
<b>ISTE (7 areas)</b>	2 areas	7 areas	4 areas
<b>UNESCO (6 areas)</b>	3 areas	4 areas	1 areas

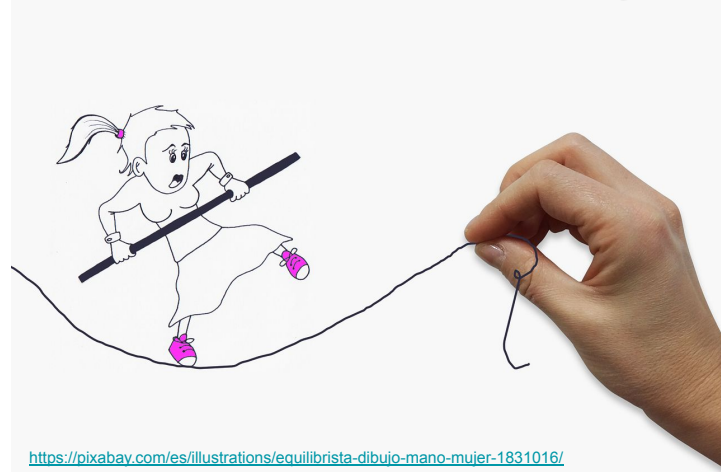
# Explicit mentions of OEP in the frameworks with progressive levels

	Lower levels	Intermediate levels	Higher levels
<b>DIGCOMPEDU</b>	X		
<b>INTEF</b>		X	X
<b>UNESCO</b>	X	X	X



Troublesome

Liminal



<https://pixabay.com/es/illustrations/equilibrista-dibujo-mano-mujer-1831016/>

Transformative

<https://pixabay.com/es/illustrations/puerta-cambio-nuevo-comienzo-puerta-5738101/>

**Digital frameworks should include explicit OEP at initial levels...**



# Thank you !! & #stayathome

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