

# Deployment of Territorial Structures to reduce gender gap in technology and some real cases in Catalonia

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<sup>(2)</sup>Knowledge Engineering and Machine Learning group at Intelligent Data Science and Artificial Intelligence Research Center (KEMLG-@-IDEAI)

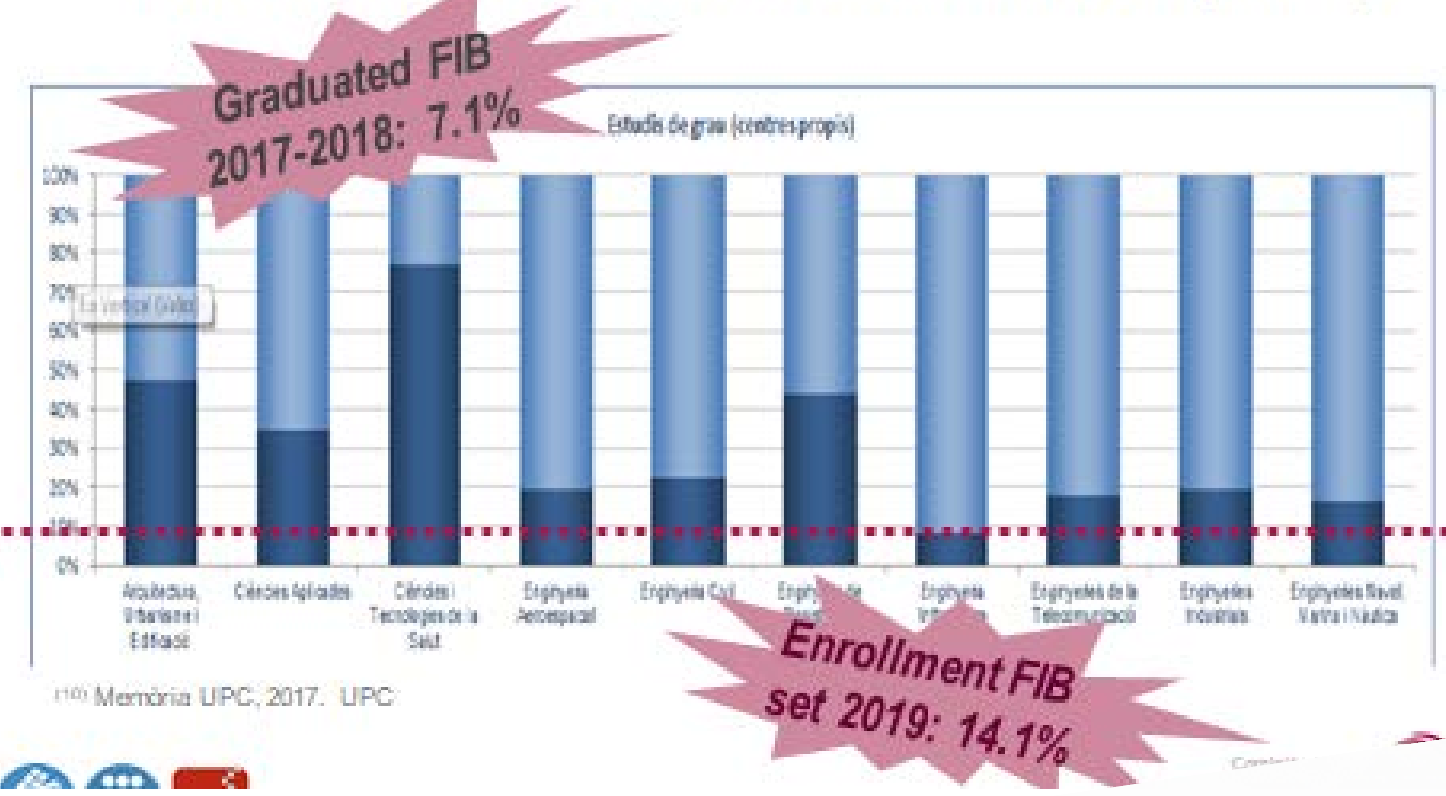
<sup>(3)</sup>InMovement

<sup>(4)</sup> Natural Language Processing group at IDEAI (GPLN-@-IDEAI),

<sup>(5)</sup> Universitat Politècnica de Catalunya-BarcelonaTech

## Gender Gap in ICT sector

Enrolled undergraduate Students  
Barcelona School of Informatics (UPC)<sup>(10)</sup>



## Global situation

2025  
84,6% of employments will be STEM<sup>(1)</sup>

2017  
[5%, 15%] women in ICT, Europe<sup>(8)</sup>

Women excluded from working if nothing done

2020  
Shortage ICT  
Eu 756000pr.<sup>(15)</sup>  
BCN 142000pr.<sup>(16)</sup>

There is place!  
We are needed!

2017  
Inf Eng at tail 12,9%  
Other Eng. 25,9%  
Spain<sup>(6)</sup>

International

Sustained

Int'l concern to stimulate girls enrolling STEAM careers

Women will not participate of the near labour future under equal opportunities<sup>(2)</sup>

Low influence of women in the design of the future (Male Bias)



## Guidelines

- Build women networks
- Stimulate new vocations in girls
- Promote equity of opportunities
- Promote feminine leadership
- LACK OF specific RESOURCES

Evidence on impact

Most on women voluntariety

Feminized fields are indeed full of ICT

Informatics is a very beautiful profession with great potential to build a better world in ALL areas imaginable

## donesCOEINF

<https://dones.COEINF.cat>

2 months



Demarcació	representant donesCOEINF	
Barcelona	Karina Gibert	Full Prof. UPC
Catalunya Nord	Beatriz López	Ass. Prof. UdG
Catalunya Central	Conxi Pérez	Entrepreneur, InMovement
Vallès	Anna Benavent	CIO Parc Taulí Health Corp
Terres de Ponent i Pirineus Occidentals	Alba Lamas	Junior professional Indra/ last year master student
Terres de l'Ebre	Aida Valls	PhD prog Head URV
Exterior	Núria Carretero	Manager Swiss Re

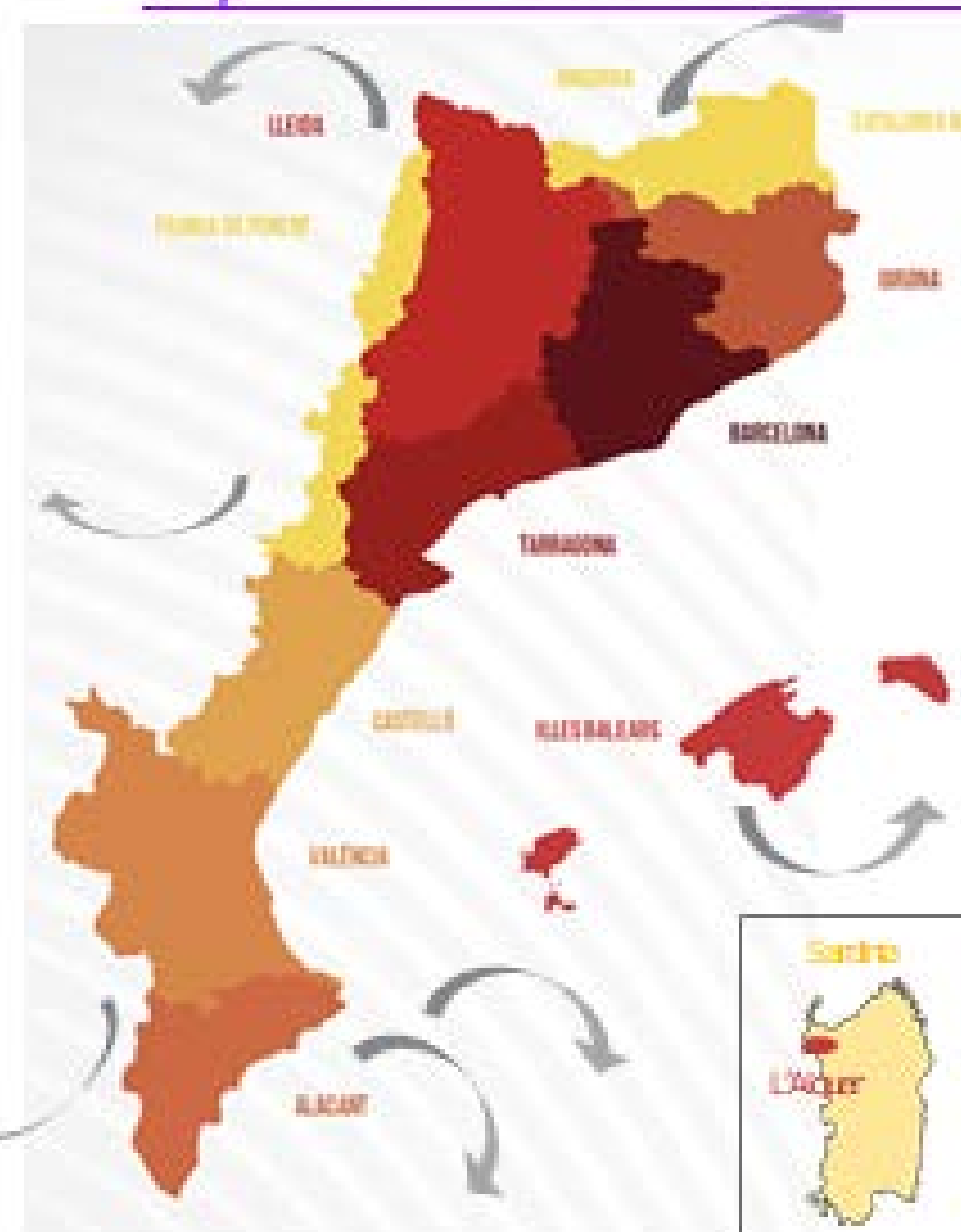
## donesIAcat

<https://www.acia.cat/catala-dones/> tweeter: @donesIAcat

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Mission: reduce gender gap in AI in Catalan lands

synchronize and augment gender activities of single female associates



District	donesCOEINF representative	
Barcelona	Karina Gibert	Full Prof. UPC
Girona	Beatriz López	Ass. Prof. UdG
Terres de Ponent	Aida Valls	PhD prog Head URV
Terres de l'Ebre	Aida Valls	
Terres de llevant	Lleod Musero	Ass. Prof. UIB
Ultramar	Isabel Aguiló	Ass. Prof. UIB
External affairs	Zoe Falomir	Researcher BGCC

Scientist



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University of Zaragoza, September 9th, 2019

