

wstem

An Erasmus+ funded project which aims at improving strategies and mechanisms of attraction, access and guidance of Women in Latin-American STEM Higher Education programs.



BUILDING THE FUTURE
OF LATIN AMERICA
Engaging
WOMEN
into **STEM**



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Building the future of Latin America: engaging women into STEM (W-STEM)

598923-EPP-1-2018-1-ES-EPPKA2-CBHE-JP

Objective

The W-STEM project is a capacity building project for Latin America that focusses specifically on improving strategies and mechanisms of attraction, access and guidance of women in Latin-American STEM Higher Education undergraduate programmes. The STEM areas identified are: Natural Sciences and Mathematics; Information and Communication Technology and Engineering, Manufacturing and Construction.

The project involves partners from Europe and Latin America, on the basis that “*some European countries are at higher developmental stages, culture on gender equality is embedded in the universities... thus they have mature procedures, experiences, regulations, etc., which can be transferred to LA institutions through this project*”.

The project objectives will be achieved by carrying out the following:

- *Measure the gender equality in enrolment and retention rates in STEM programs - Natural sciences and mathematics; Information and communication technology and Engineering, manufacturing and construction- at undergraduate levels*
- *Implement Universities’ policies, strategies and organizational mechanisms for improving attraction, access and guidance at undergraduate levels in STEM programs.*
- *Promote STEM studies vocation and choice in girls and young women in secondary schools as well as guidance in the first year of the STEM programs.*
- *Develop an online training package for Higher Education Institutions to implement effective strategies to enhance attraction, access and guidance of Women in STEM programs.*

All outputs (*videos, app, training*) will be available in English and Spanish for non-commercial use by all partners.

Partners

The project has 15 University Partners (*5 European universities and 10 Latin American universities*) and is **co-led by Universidad de Salamanca, Spain and Universidad del Norte, Colombia.**

Partner	Country
Universidad de Salamanca (USAL)	Spain
Universidad del Norte (UNINORTE)	Colombia
Oulu University (OULU)	Finland
Politecnico di Torino (POLITO)	Italy
TU Dublin College of Sciences & Health: Professor Michael Devereux, Director & Dean / Ciaran O’Leary, Head of Learning Development / Elizabeth Heffernan, College Manager / Susan McKeever, School of Computer Science / Ayesha O’Reilly, Strategic Planning Office and Julie Dunne, Assistant Head of School, Food Science & Environmental Health	Ireland
Northern Regional College (NRC)	NI/UK
Instituto Tecnológico de Monterrey (ITESM)	Mexico
Universidad de Guadalajara (UG)	Mexico
Universidad Técnica Federico Santa María (UTSM)	Chile
Pontificia Universidad Católica de Valparaíso (PUCV)	Chile
Universidad Tecnológica de Bolívar (UTB)	Colombia
Instituto Tecnológico de Costa Rica (UTCR)	Costa Rica
Universidad de Costa Rica (UCR)	Costa Rica
Universidad Técnica Particular de Loja (UTPL)	Ecuador
Universidad Técnica del Norte (UTN)	Ecuador

