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39th Conference of Rectors and Presidents of European Universities of Technology

**Universities of Technology addressing the challenges
that planet earth is facing**



MIEMBRO DE



Universidad Politécnica de Cartagena (Spain)

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Vice-Rector Faculty & Institutional Promotion

A little bit “spanish” context



4th Technical University in Spain

6000 students

7 Schools (evolved alongside the historical town:
Telecommunications, Industrial, Civil, Architecture,
Agronomy, Naval and Business.

15 Engineering Bachelor Degrees

2 Business Administration Bachelor Degrees

1 Engineering Bachelor Degree in collaboration with Ministry of
Defense (Air Force)

25 Master Degrees





Our european alliance



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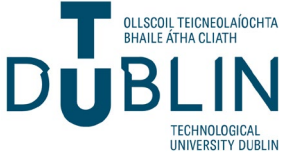


EUROPEAN UNIVERSITY
OF TECHNOLOGY



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The banner features a dark blue background with a light blue map of Europe. Yellow plus signs are placed over various European countries, each accompanied by a university logo. The logos include:

- T DUBLIN
- RDA TECHNICAL UNIVERSITY
- h_da
- UNIVERSITÄT TROYES
- UNIVERSITÄT TECHNICA
- UNIVERSIDAD Politécnica de Cartagena
- UNIVERSITY OF CYPRUS
- Cyprus University of Technology

eut+
EUROPEAN UNIVERSITY
OF TECHNOLOGY

**EUROPEAN
VALUES
EMPOWERING
TECHNOLOGY**

www.univ-tech.eu



Adressing challenges from a local point of view UPCT approach

11 SUSTAINABLE CITIES
AND COMMUNITIES



Our town = Our Campuses.

Cartagena conserves a highly valuable heritage (founded in 227 B.C.). Our schools are located in historical buildings dated from XVIII and XIX centuries that have been rehabilitated, so we have a special interaction with our urban context.



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4 QUALITY
EDUCATION



From the first MOOC in 2011 to online teaching due to COVID in 2020, what have we learned?

- Future jobs are incompatible with a teaching labour oriented to the **massive** production of multimedia materials in technical studies. We need to shift towards a “problem solving” paradigm for learning.
- If we are seriously talking about open science and open knowledge, that means collaborative networks for spreading our scientific heritage in a neatly way.



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Local concerns on marine ecosystems

- Mar menor. Microplastics



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Sustainable farming = DIVERFARMING (diverfarming.eu)

- Crop diversification and low-input farming cross Europe: from practitioners' engagement and ecosystems services to increased revenues and value chain organization.



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17 PARTNERSHIPS
FOR THE GOALS



Universities, rankings and reputation.

- Future



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Thanks for your attention