



AUTHOR BIO

Prof. Dr. Jesús Arauzo



Jesús Arauzo is a Professor of Chemical Engineering at the University of Zaragoza - UNIZAR (Spain). He was also a Visiting Research Professor at the University of Waterloo (Canada) (1991 – 1992).

Vice-Dean at the Engineering Faculty (1993-96) and Responsible for the International Exchange Student Program (ERASMUSOCRATES) at UNIZAR for Chemical Engineering (1996 – 2000).

Director of the Chemical & Environmental Engineering Department UNIZAR 1998-2000.

Co-Founder of the Aragón Institute for Engineering Research Institute (I3A) where he occupied the positions of Secretary and Vice-Director. At present, he is the Director of the Institute (2023 – Now).

Director of the Transfer Technology Office (OTRI_ UNIZAR) (2004 – 2008).

Responsible (General Manager) of the Energy area for the Spanish National R&D Program (2008-2013) and Spanish representative for the Energy Sector at the new E.U. R&D Program H2020.

Scientific Director (Chem. Eng. Tech.) at the company ABENGOA Research (2013-15) and Member of the Horizon Europe Mission "Climate Neutral and Smart Cities" of the European Commission.

Director of the International Transfer Technology Office at the University of Zaragoza (2016 – 2023).

President of the Energy and Transport Research Commission. AEI (State Research Agency. Ministry of Science & Innovation. Spain) (2018 – 2023).

His research concerns the Thermochemical Conversion of Biomass and industrial residues. He is a co-author of 135 papers in International scientific journals and the supervisor of 12 Ph.D. theses.

He has led 31 contracts with different industries and participated in 57 national and International projects. He is also a co-inventor of 10 patents that have been transferred to the private sector.

He has developed gasification plant projects for private companies. Two of them are commercial. Among the most significant companies could be mentioned CADAGUA, ABENGOA, TAIM-WESER, SIRASA, URBASER, and AIR PRODUCTS. Advisor of the METI (Japan) (2000 – 2005) on an industrial program to produce H₂.

Prize 3M Foundation, Innovation Technology (2004).

Prize IDEA-CEEI 2005. Spin-off Co.