

*Do you want to know who is part of the ZEBRA LIFE project? We have formed a highly synergistic and interdisciplinary alliance, bringing together partners from various sectors and industries to engage in a wide range of activities. This week we would like to introduce you to **CTR**, The Technological Riojan Center.*

CTR

CTR is a private technological centre founded in the year 2000 with the primary objective of creating value for a wide range of companies, particularly SMEs, across diverse sectors such as automotive, construction, the toy industry, food, and air transport. One of CTR's primary technological services involves conducting collaborative R&D projects, where innovation plays a pivotal role in their working strategy. Additionally, CTR boasts extensive experience and technical expertise in materials, with a specific focus on elastomers, thereby providing valuable support to its clients in product design and formulation.

With a profound understanding of rubber and elastomeric materials, coupled with well-equipped facilities for rubber compounding and testing, CTR is well-positioned to take on the tasks endeavoured. The organization's capabilities ensure efficient and effective project execution, further contributing to the success of their clients' activities.



As part of the ZEBRA project, CTR plays a vital role in conducting tests involving the transformed lignin fractions into ZEBRA-LIFE products for rubber applications. This crucial undertaking aims to explore and evaluate the potential of lignin as a sustainable and eco-friendly additive in the rubbery industry.

With their extensive expertise in materials, particularly elastomers, CTR is well-equipped to carry out comprehensive tests to assess how the antioxidants compounds developed under the ZEBRA-LIFE project can enhance the performance and properties of rubber products. By delving into the compatibility, durability, and other critical factors, CTR aims to unlock the full potential of lignin as a promising alternative to fossil based additives for the rubber industry.