

Do you want to know who is behind the ZEBRA LIFE project? Our consortium is a collaborative network that unites diverse entities and industries. The alliance is interdisciplinary but also highly synergistic bringing together partners from across the innovation value chain to engage in a wide range of activities all with a common goal – to transform [lignin](#) into sustainable bio-aromatics for the food, cosmetics, rubber, polymer, fuel and lubricants industries. This week we would like to introduce you to the project coordinator CENER:

CENER

The National Renewable Energy Centre of Spain (CENER) is a prestigious technology centre at the forefront of renewable energy research and technological support. With a team of over 230 highly qualified professionals, including researchers, engineers, and technical experts, CENER specializes in wind energy, solar thermal and photovoltaic energy, biomass, energy transition in cities, and grid integration of energy, electrical storage and hydrogen.



The Biomass Department, consisting of a multidisciplinary team of 40 experts in biology, chemistry, agronomy, and chemical engineering, is the department leading the ZEBRA-LIFE project. The area, with more than 20 years of experience and running the [CENER BIO2C](#) (Bioenergy and Biorefinery Centre), is focused on the development & optimization of production processes from lab to demo scale of bioproducts, solid biofuels, advanced liquid or gaseous biofuels, electro fuels, carbon recycled fuels, chemical recycling technologies and CO₂ valorisation as well as biorefinery concepts, including its techno-economic and environmental assessments.

CENER is the ZEBRA-LIFE project coordinator who will oversee and manage the overall activities in this European project, ensuring effective communication and collaboration among all partners involved in the R&D activities. Furthermore, they oversee the development of the project core technology that will allow the transformation of lignin in high added value bio-aromatics, showcasing the feasibility by constructing and operating the ZEBRA-LIFE pilot plant. Lastly, CENER will conduct comprehensive environmental assessments of the entire value chain, evaluating the sustainability and environmental impact of the project's activities. By assuming these roles, CENER will make significant contributions to the success and impact of the ZEBRA-LIFE project.