

3RD GENERAL ASSEMBLY

Early November set the stage for the 3rd General Assembly, which was held in Madrid on the 7th and 8th at Repsol's Technology Lab. The ZEBRA-LIFE Consortium gathered to assess the progress of their ongoing project since their last assembly in June. The event saw the gathering representatives from consortium partners: CENER (National Renewable Energy Centre of Spain), which is the coordinator of the project, Centro Tecnológico Riojano, Roka Furadada, ASINCAR, Bioquochem, Inveniam Group, Smurfit Kappa and the host for this meeting, REPSOL.

The focus of the previous meeting in June centered on evaluating the initial results from the first batch, observing advancements at the pilot plant and setting forth milestones and objectives that guided the project's direction over the past months. During the 3rd General Assembly, significant progress within each work package of the ZEBRA-LIFE Project was showcased, alongside a detailed examination of the challenges faced by each partner during the evaluation of the first batch of antioxidants formulated on the different final products. All project partners highlighted their work during the last six months and shared the preliminary results achieved, facilitating a comprehensive understanding of each segment's trajectory. These sessions were pivotal in piecing together the overall progress and plotting the future course of the project.



The main points of this event:

- Technical and financial overview of the project progress during the first year of activity

- Recapitulation of advances made in each field of application after testing the first batch of the ZEBRA-LIFE products.
- Definition of strategies to improve ZEBRA_LIFE product's performance to ensure progress across all fields of applications.
- Outline of the pilot plant's construction progress details.
- Revision and validation of the project's key performance indicators.
- First steps in the preparation of the exploitation and business plan
- Draft initiation for the intellectual property protection required to ensure sustainable exploitation of the project results.
- Brainstorming on additional communication activities that could be undertaken by the consortium to boost stakeholders' engagement.

Besides, the hosting organization, Repsol, extended a warm reception to all partners and arranged a tour of their laboratory. The Repsol Technology Lab facility is currently testing the ZEBRA-LIFE's product to be applied in fuels and lubricants. During the visit, a number of professionals at Repsol outlined the process and guided the partners through various stages, allowing to gain insight into the product's journey within the complex.

The November meeting served as a vital platform for collaboration and idea exchange. Face-to-face interactions among partners reinforced their commitment and fostered immediate, creative problem-solving discussions. Active participation across various work packages was evident, with partners keenly presenting suggestions and collectively addressing challenges. This gathering was instrumental in creating a unified understanding of the project, crucial for bolstering progress at every node within the network.



The goal of ZEBRA-LIFE is to repurpose lignin, a by-product from the Pulp and Paper industry, to produce bio-based products that can substitute existing

synthetic alternatives. Efforts made by each partner are centered on developing cost-effective processes by working with stakeholders along the pulp and paper, food, cosmetics, rubber, fuels and lubricants value chains to ensure successful access of our products onto the market. By valorising lignin, the aim is to reduce the environmental and social impact of the synthetic derived antioxidant products, with its application and use across several sectors.

This 3rd General Assembly has significantly fortified the consortium's bonds, crucial for orchestrating both current and forthcoming initiatives. This reinforcement of connections not only bolsters our collaborative fabric but is also key to driving the project's progression and amplifying its future impact.



Co-funded by the European Union under the LIFE Programme, the ZEBRA-LIFE Consortium remains committed to collectively exploring alternatives to fossil-based additives, aiming to create a significant positive impact.

Find more information in our [website](#) and in our [Linkedin](#) and [X](#) accounts.