



Funded by the European Union under the GA no 101091944. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or HaDEA. Neither the European Union nor the granting authority can be held responsible for them.

TORNADO Project which title is “New routes of safe and sustainable by design water and oil repellent biobased coating” is an European project with grant agreement number 101091944. The project started the **1st of January of 2023** and is expected to finish the **31st of December 2025**. With an EU contribution of 4.5€ the consortium is a collaboration between **14 partners** from 4 EU countries and 1 EU associated country: 4 research and technology developers (RTO), 3 small and medium sized enterprises (SEM) and 7 large companies (LE).

TORNADO project aims to contribute to the transition to a safe circular economy by influencing how products should be designed, produced, used or treated at their end-of-life.

Two new novel biobased coatings (organic and hybrid ones) and validate them and their processability at **TRL5** (in industrially relevant environments) to obtain a performance at least similar to PFAS coatings in terms of **water and oil repellence**. The novel processes and coatings will be developed **following SSbD principles** in terms of environmental, safety and social using computational tools and in vitro experiments.

TORNADO kick off meeting was on February 2023 at Donostia-San Sebastian, hosted by TECNALIA (project coordinator), with a two-day agenda. The meeting began with a welcome to all partner and short introduction to the main project objectives. After a presentation of the European Health and Digital Executive Agency (HaDEA), the granting authority from the European Union. Next each partner presented its institution and their specific contributions to the project. During the second day, the WP Leaders presented the WP objectives, tasks, deliverables, milestones and next steps.

