



# ICARO Project

Curti S.p.a.'s challenge

Technical card

**Entity providing the challenge: CURTI S.p.A.**

**Contact point: EUROAVIA Forli-Bologna Local Board + Cantelli Mirco (CURTI)**

**Title of the challenge: “ZEFHIR Unmanned, a new drone frontier”**

## Background

Today the rotary wings drone market is a fast growing one. The MTOW category where Zefhir will play is still almost empty but many players announced they are going to enter this sector soon.

To compete, companies need to come up with innovative solutions to improve their attractiveness on the market, and that's exactly what we as Zefhir do.

## Challenge description

Going through the available lecture, we did identify many possible applications for Zefhir Drone, but the disruptive ones are still to come and that's up to you.

The challenge will be focused on trying and finding new innovative applications for the products supplied by ZEFHIR company.

So don't hold back, there are no bad answers!

## Objectives

You need to analyze what is currently the market for such a drone and then be disruptive and try to find new and unveiled possible applications, with related fields of interest.

Just to give you an example, the drone can be equipped with several types of missiles and special cameras that can also detect the fire origin, then immediately shut the missile full of antifire powder and stop the fire.

## Skills required to face the challenge

An open mind, look at all possible operations that may require a flying support standing, an environment dangerous for a pilot and other unknown possibilities. Analyze comparison of fixed wings versus rotary wings, emphasize advantages of rotary wings.

## Useful informations

See attached presentation and mail