

Der Fliegende Wildretter



AI & Data, IoT & Sensors, Drones & Robots, AR/VR, Agriculture, Environment & Water

The Opportunity

Problem: Every year ~500.000 wild animals are killed accidentally during pasture mowing in Germany. Besides animal welfare aspects, farmers also suffer from economic losses due to carcass-contaminated feed. It is very difficult to find wild animals hiding in tall grass.

Solution: A drone based system with a thermal infrared camera that detects the animals.

The High-Tech

Automatisation speeds up the animal identification process enormously. Computer vision enables reprojection from images to real world geo coordinates. Detection algorithms based on deep learning are able to detect animals even in very hard conditions (during sunny days).

co-founder(s)
needed

full founding team
needed

TEAM

- Core competencies in team: Soft- and hardware engineering (thermal imaging, UAVs, computer vision, machine learning, electronics)
- Future role of the current team: Co-founders (exact roles tbd.)
- Offer for Pioneers:
Looking for experienced entrepreneur, possibly for CEO-role

TECHNOLOGY

- TRL: 7
- Time to market: 1-2 years
- Unfair advantage: *10 years of research experience in developing drone based systems for wild animal detection, our system has a 5-10 times higher area performance than the state of the art*