







drone airships

HEMERIA designs, manufactures and operates drone airships for your perimeter surveillance and critical infrastructure inspection missions. Combining the advantages of both drones and airships, our systems provide an innovative solution to your long-distance flight challenges.

 Long-endurance and autopiloted flights

 Able to achieve stationary flights

 VTOL drone : vertical take-off and landing

 More environmentally friendly compared to traditional aircraft

Linear & area inspection

Surveillance



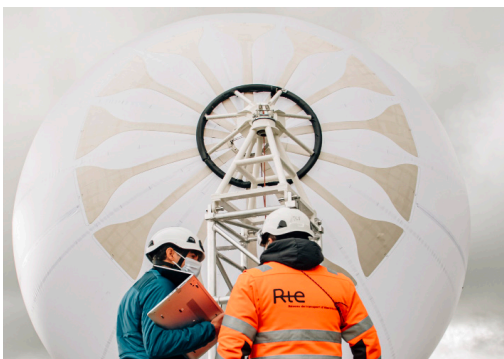
Fields of operation

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|---|
| Linear inspection: power lines, pipelines, railways... |
| Area inspection: agriculture, maritime areas |
| Surveillance: perimeter surveillance of sensitive sites |



Diridrone project

HEMERIA has developed a custom-made drone airship demonstrator for RTE (the French electricity transmission system operator) named Diridrone. The aim of the Diridrone project is to facilitate the maintenance of the electrical network managed by RTE over long distances at a lower cost and environmental impact.



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|--------------------------|---|
| Flying height | According to the applicable regulation Sea level: up to 1,000 meters Ground level: up to 150 meters |
| Cruise speed | Up to 50 km/h s |
| Average autonomy | Around 200 km |
| Payload | 10 kg |
| Data transmission | Radio or 3G/4G |
| Motorization | 2 electric engines pivoting at 360° Electrical power generator (hybrid) |
| Dimensions | 15 meters long |