



# AVIATION HERITAGE SITES

## Nurturing Nature: Expand and Manage Habitats

By investing in the expansion and careful management of natural habitats—such as wildflower meadows, ancient woodlands, and wetlands—heritage organisations can provide essential habitats for wildlife, support pollinators, and improve ecological resilience.



## Conservation in Flight: Aerodrome's Bird Sanctuaries

The Aerodrome maintains 13 Natural England higher stewardship zones, providing a conservation area for 23 rare bird species and four breeds of UK nesting owls.



## Safeguarding Historic Royal Flying Corps Buildings

Heritage buildings include 23 Grade II\* listed buildings at risk of being lost. It is an accredited museum with the world's largest collection of Royal Flying Corps brick buildings, including unique structures.



## An Award Winning Hub of Aviation and Community

The site functions as a Queen's Award-winning volunteering centre, a light aircraft aerodrome, and hosts aviation events. It also features a cafe, retail space, and hangarage for resident pilots, opening to the public three days a week. It operates with subterranean gas, mainline electricity, red diesel for tractors and mowers, and hosts up to 15 resident aircraft.



## Managed Grassland 13 tCO<sub>2</sub>e per year

From approximately 5,000 litres diesel consumption from tractors and mowers

## Aviation Fuel Consumption 19 tCO<sub>2</sub>e per year

From approximately 7,500 litres aviation fuel consumption of up to 3,000 take off and landings.



## Stow Maries Aerodrome

Stow Maries Great War Aerodrome, Essex, is a charity focused on conserving and preserving the aerodrome as a museum heritage site.

UK heritage sites such as Stow Maries Aerodrome often feature significant and unique landscapes and structures.

These can play a vital role in environmental stewardship to achieve broader environmental benefit such as enhancing biodiversity as demonstrated in the graphic below.

This approach not only aligns with sustainable conservation practices but also enriches the visitor experience, offering educational opportunities and enhancing the visual appeal of heritage sites.



## Key Statistics [1]



**6,000-9,000**

litres of aviation fuel consumed per year



**9,000-14,500**

Visitors a year



**~5,000**

litres of diesel consumed for maintenance vehicles per year



Hosts up to 15 resident aircraft with a restriction to no more than 3,000 movements (take-offs or landings) per year

## References

1. Flint, I. 2024 Microsoft Teams Conversation with 3ADAPT, 29 February 2024