



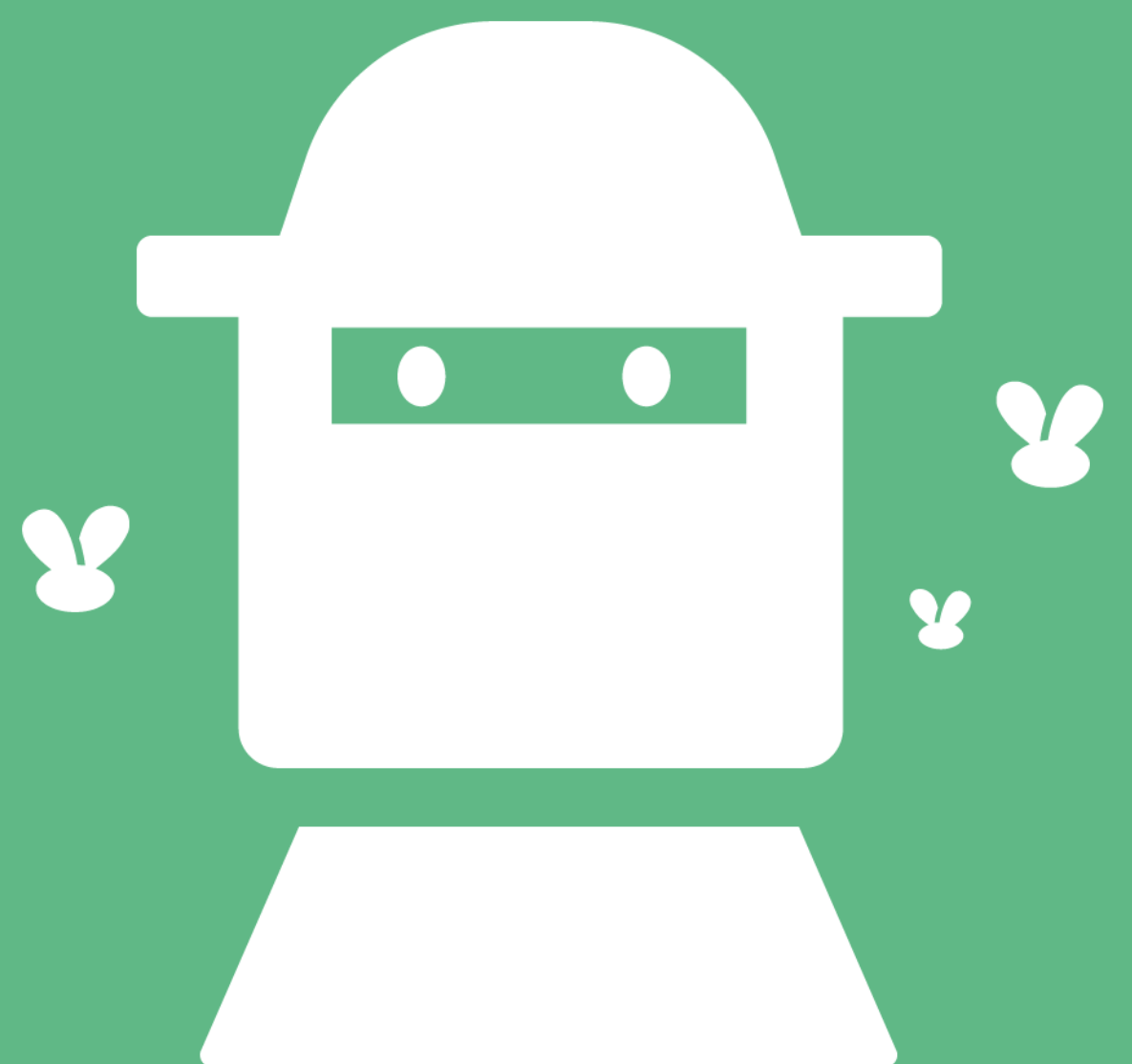
Thriving Hive: Beekeepers and scientists working together to help hives thrive

Mapping particulate presence in apiculture across the UK



Honeybees are facing many threats including habitat loss, degradation, and fragmentation; non-native species and diseases; pollution, including pesticides; and climate change. Air pollution could also have an impact but it has been the subject of little research.

This project aims to understand the effect of air pollution on honeybee health and productivity. Our first step is to map one component of air pollution, particulate matter (PM), and to see if particulate matter makes its way into the hives, the bee's bodies and their hive products and investigate whether that correlates with disease, parasite loads and productivity.



www.thrivinghive.co.uk