



Weather data analytics for public sector

Adapting and responding faster with SWIMS



EXECUTIVE BRIEF

Our client, Kent County Council, is the largest local authority in England. We helped the council respond to the threat of climate change with a solution called the Severe Weather Impacts Monitoring System (SWIMS).

SWIMS allows council staff to view detailed climate change impact. The system also helps the council apply for funding as part of the EU project Flood Resilient Areas by Multi-layered Safety (FRAMES).



THE CHALLENGE

The council had developed a strategy to prepare for severe weather which included flooding, storms, and heatwaves. This required creating a climate change impact assessment to see how the council can improve its climate change response.

The council's SWIMS weather reporting software was not collecting the volume of data needed to action responses on. This was because of an unintuitive interface that hindered non-technical users. As a result, the current system was preventing the council from preparing effectively for future weather events.



THE RESULTS

By collaborating closely with Kent County Council, we were able to build a SWIMS system that was usable by non-technical staff. The system now provides more detailed climate change impact assessments. The new system also increased user adoption, gives the council better understanding of their responses and allows the council to apply for funds to build more resilient public services.

Our Partners

