

Kiel Winter Services: Safe roads due to accurate weather forecasts

Tailored Weather Data for Winter Services in the Northern German City of Kiel



At a glance

During the 2022/2023 winter season, the city of Kiel managed **41 winter service operations**. The city relies on **precise weather forecasts to ensure effective winter service and road safety**, resulting in optimized deployment planning and efficient hazard management.

Through specific weather forecasts provided by the Weather Solutions team, **ABK** optimizes and manages its deployment operations more effectively.



14.648
Work hours



1,1 TONS
Salt for Gritting



€ 680.000
Winter service costs



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THE CHALLENGE



The Kiel Waste Management Authority (**Abfallwirtschaftsbetrieb Kiel, ABK**) is the main municipal service provider for road cleaning and winter services in the City of Kiel, Germany. High-traffic areas with hazardous road conditions must be reliably cleared and salted. Precise and localized weather forecasts are crucial to ensure effective management of these areas.



Thanks to precise local forecasts, we can effectively plan our staff schedules and prepare our winter service machinery accordingly. Reliable weather forecasts are crucial for meeting our legal obligations regarding traffic safety and for tailored operational planning. Therefore, we engage weather professionals for the winter season.

Jens Krause, Abteilungsleiter Straßenreinigung
Abfallwirtschaftsbetrieb Kiel

THE SOLUTION



Managing a winter service area of **900 kilometers**, the Kiel Waste Management Authority (ABK) **grits an average of 1,600 kilometers per day in winter**, requiring highly localized weather services. Weather Solutions has been a reliable partner, providing accurate forecasts to the northern German city for many years.



**Optimized
Deployment**



**Increased
Road Safety**



**Maximized
Cost Efficiency**