



# KaarbonTech

CONNECT, COLLABORATE, THRIVE

APSE HIGHWAYS 2026



KaarbonTech

YOUR RESILIENCE PARTNER

From Data to Delivery:  
Partnering with authorities to  
improve drainage resilience

# Resilience is a leadership issue



Increasing pressure from frequent unpredictable weather events



Budgets are constrained, driving demand to 'do more with less'



Highways infrastructure ageing & depleted



Community confidence is low and expectations increased



Greater scrutiny following flooding & emergency events



A move to intelligence-led resilience

Volume-based  
maintenance



Risk-based  
resilience

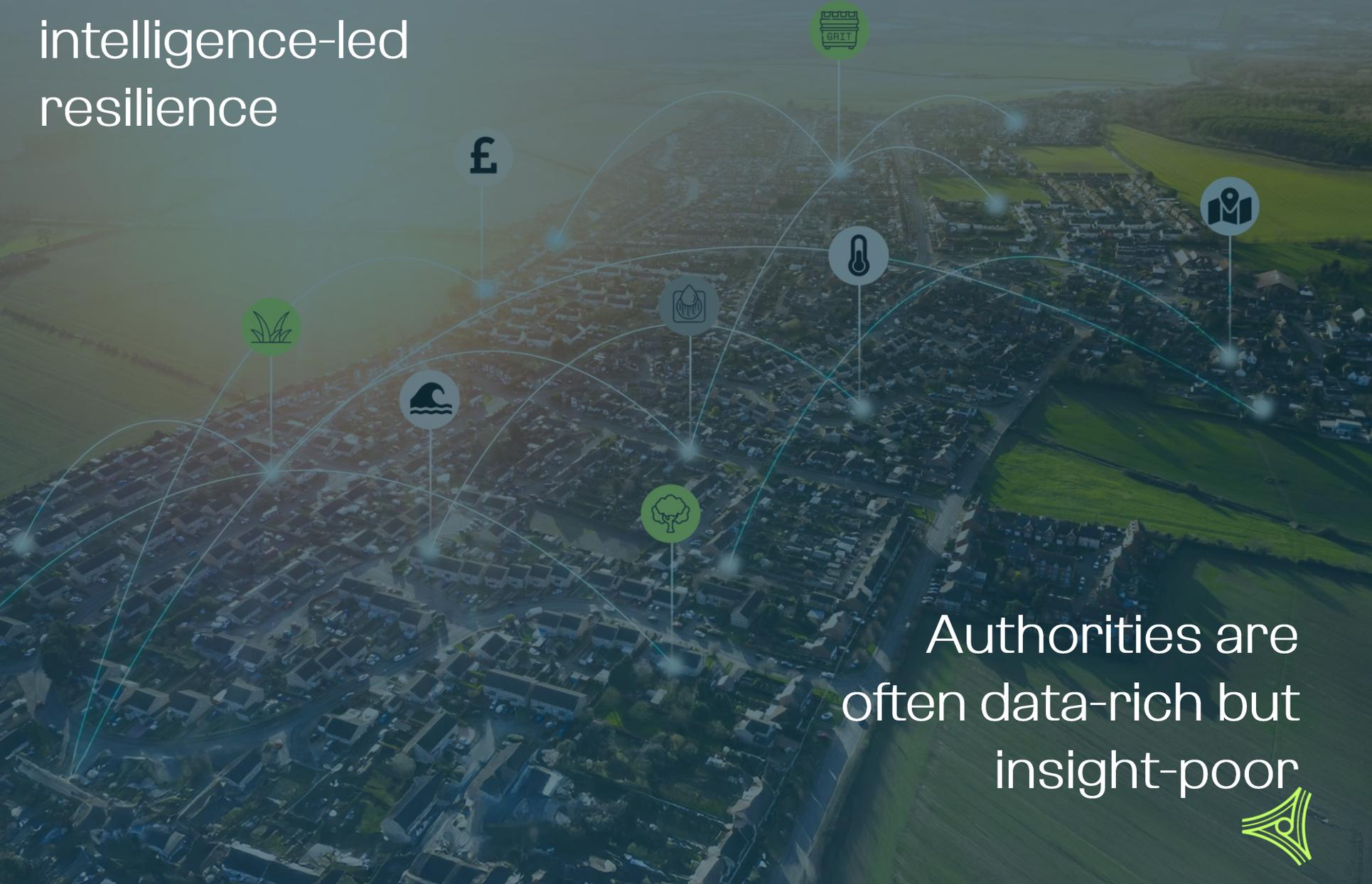




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# Interconnected data drives intelligence-led resilience



Authorities are  
often data-rich but  
insight-poor



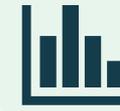
# Resilience through partnership & collaboration



Software



Service Delivery



Professional Services



# Being prepared before the event

Understand  
risk

Build a comprehensive  
picture of asset lifecycle

Understand asset interaction  
& interdependency

Know hotspots and  
likely areas of failure

Prioritise  
actions

Create inventory of  
assets most likely to fail

Understand critical routes,  
locations & infrastructure

Determine order of  
response

Plan for  
incidents

Improve situational awareness  
for faster, targeted response

Use experience of previous  
incidents in future planning

Involve key  
stakeholders early





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