CASE STUDY

Arcadis applied descriptive analytics techniques to minimize environmental risks in priority assets

BACKGROUND

The client, a leading gas and energy utility needed to minimize the contaminated metal risks across several assets in the state of California. This included electric transmission towers, generators, power plant components and office assets.

All of these assets had several attributes that were critical in determining the abatement strategy; consolidating and analyzing this data was essential.

SOLUTION

Arcadis identified the underlying patterns by visualizing the data spatially. We were able to show the client the most important measures (KPIs) for decision making while mapping the properties and assets they affect.

Additional analysis was performed to prioritize their most important sites which aided the development of an implementation plan for reducing risks.

IMPACT

Arcadis was able to help the client properly plan and maintain their assets from the analysis performed. The database reporting made sure that the client can effectively perform scheduled maintenance and risk management.

We also helped the client in overall management and prioritization of their projects.