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The road to more resilient and sustainable infrastructure

A data-driven route for government owners

Government infrastructure owners in Asia-Pacific continue to face some of the major challenges. Not only do they need to meet the safety and capacity needs of citizens, but they also need to ensure the infrastructure is resilient to natural events and aging.

At the same time, governments have to ensure that all assets are planned, designed, constructed and maintained well, especially when citizens fund the projects and rely on the infrastructure on a daily basis.

A civil infrastructure project involves multiple stakeholders working with huge volumes of data throughout the asset life cycle. This is where connected data enabled by a Common Data Environment (CDE) can result in the decisions that lead to more resilient, sustainable civil infrastructure.

Click on your area of responsibility within the image to see how data connectivity and interoperability can enhance how you work and enable informed decisions.

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Governments planning and managing civil infrastructure will gain significant benefits from data connectivity and interoperability as different teams can associate the appropriate data with any given project and leverage that data across all workflows to achieve desired outcomes.

"You need to develop a sustainable system that allows for real-time monitoring of every project from various dimensions, for revisions to be implemented quickly, that is compatible with new technologies, that enables collaboration and remote working, that warns you against mistakes on time, that allows for your project presentations to be easily understood by everyone, that helps to measure productivity, and that actually supports project teams."

Ayten Paşayiğit, Managing Partner, SP Architects[7]

Find out more about how connected data enabled by a CDE can help government infrastructure owners build resilient and sustainable infrastructure through data-driven decision-making.

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