

Visualisation

Bringing transparency in capital projects delivery and asset management

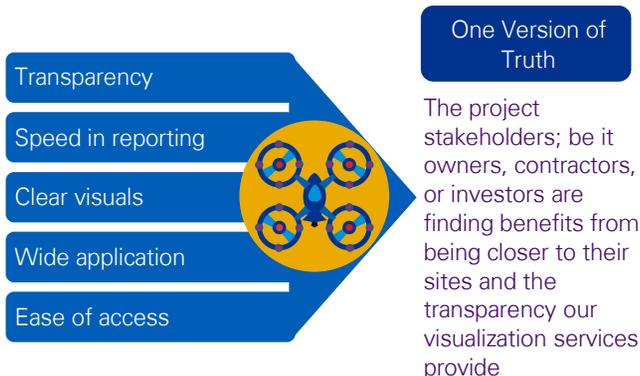
Globally, the use of **civilian Unmanned Aircrafts (UA)** is gradually setting a new paradigm, not just in construction but in other sectors as well.

KPMG India's **Major Projects Advisory (MPA)** team has developed and successfully implemented **visualisation services based on a UA system** on large infrastructure projects.

As infrastructure projects are becoming complex with large capital spend, there is an imperative need for quick reporting, transparency, and faster decision-making. Our visualisation service backed by an Unmanned Aerial Vehicle (UAV) addresses this need. We provide aerial footage of the project site/capital asset, on the basis of which our team carries out an independent analysis on key metrics. The final output is an Audio Visual (AV) report that provides the management and decision makers with crisp and actionable insights.

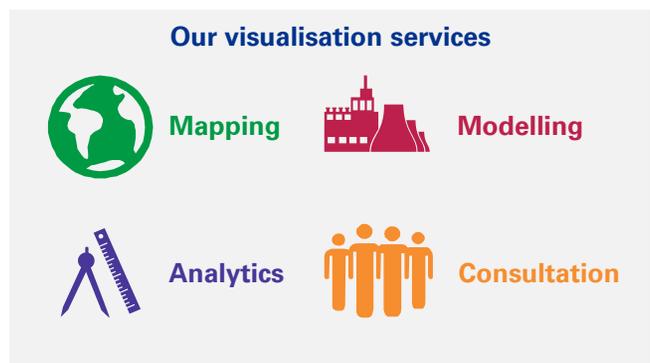


Our visualisation services provide factual information from excellent vantage points; **faster, hassle-free, and at well-managed cost.**



We have been implementing visualisation services in:

1. Linear projects (Railways, Irrigation, and Roads), and
2. Non-linear projects (Power generation)

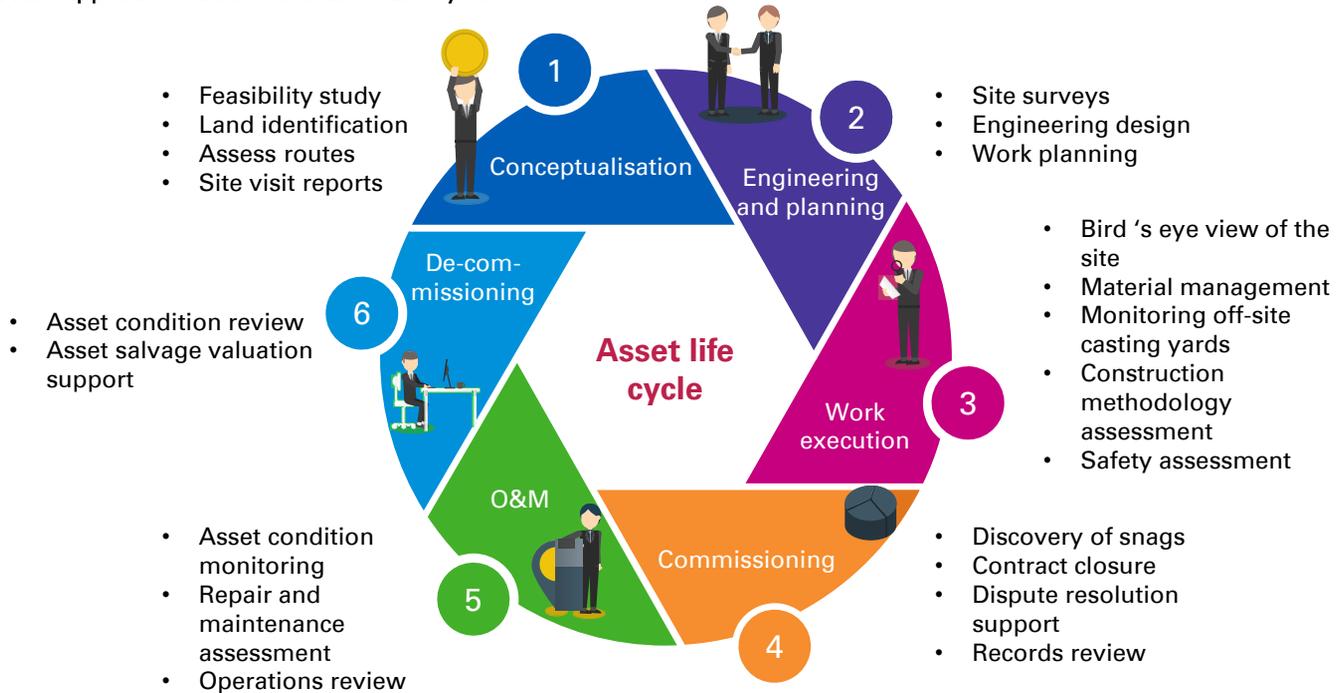


Our UA based AV reports provide in-depth analysis and insights which are used for studying/examining project status, challenges and presenting the data in an effective way to our clients, enabling them in:

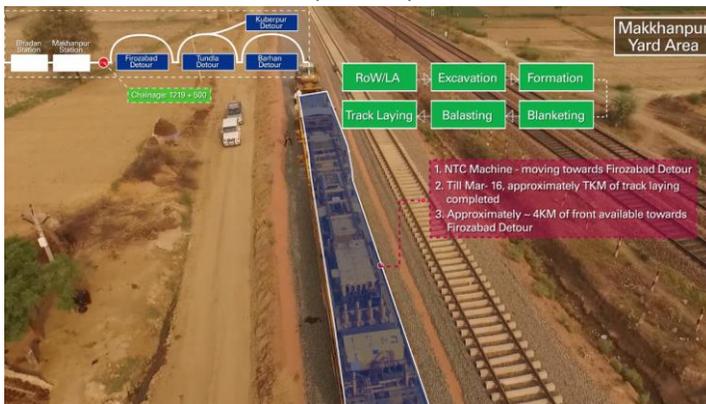
- Taking right decisions at the right time
- Implementing strategies with speed and transparency



Wide application across the asset life cycle



An illustration of our AV report output



Visualisation services give our clients, a clear picture of the actual project performance sitting in their office; invariably saving time, efforts, and overhead costs.

Few merits of visualisation services that our clients enjoy

- Targeted reviews
- Time and geo tagged videos
- Evidence records
- Remote access to site
- Better interface management
- Effective and quick decision-making

- Improved mobility
- Improved logistics and materials management
- Access to extreme heights and depths
- Improved collaboration
- Speed and transparency
- Saving on overheads

KPMG in India contacts

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