



***Panel Discussion***  
***on***  
***Geospatial Technology for***  
***Infrastructure Project Monitoring***

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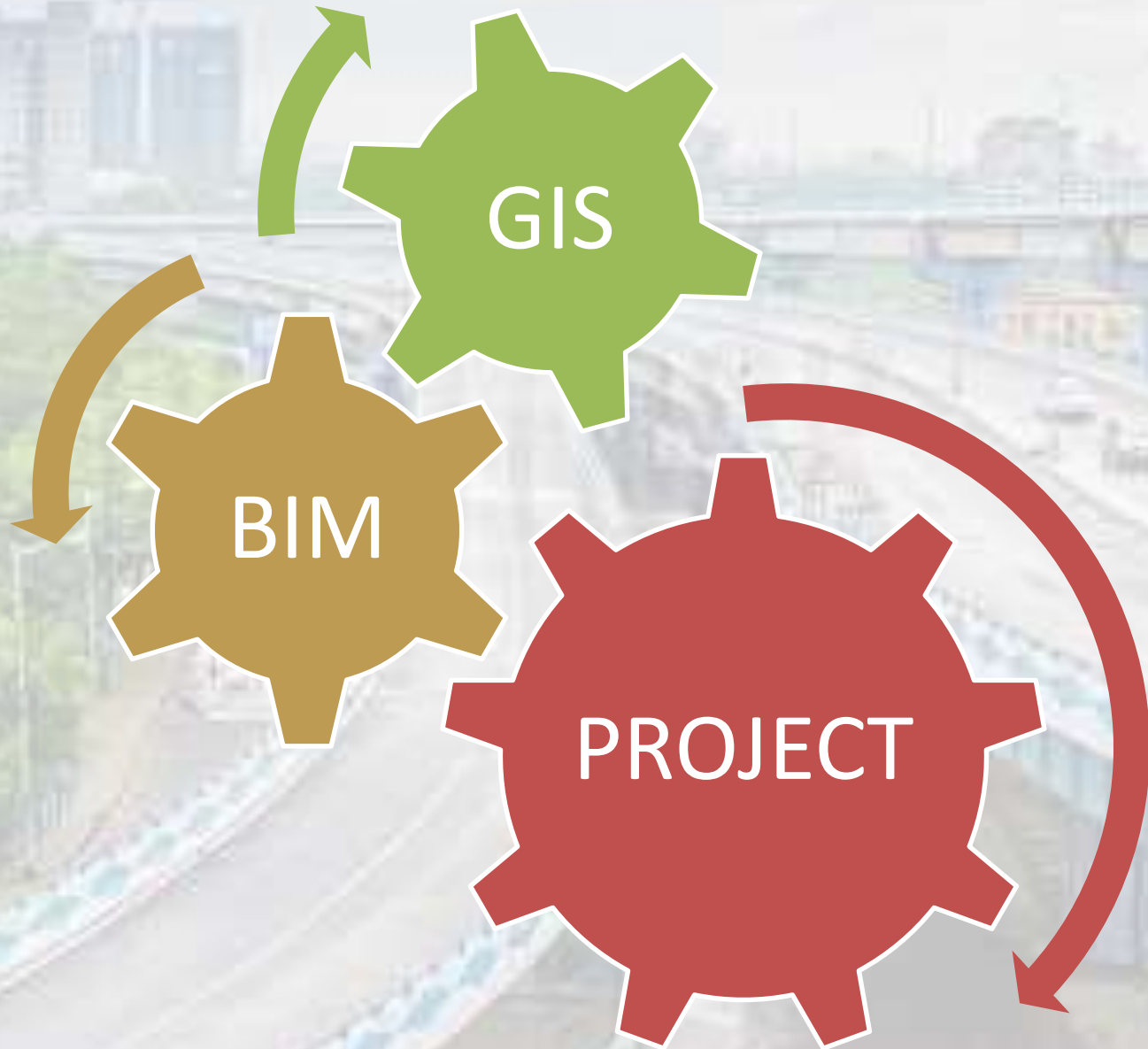
# Construction Industry: A Perspective

- **Evergreen sector with 7-8% growth**
- **Manpower intensive, low skills**
- **Low productivity, low margin business**
- **Reworks , wastage of resources**
- **Mega size projects**
- **Geographically dispersed**
- **Cost and time overruns**
- **Claims and arbitration**
- **Low adoption of technology**

# Digital Construction Brings Transformation

- HD Survey techniques
- GIS
- Building Information Modeling
- Digital Twins
- Unmanned Aerial Vehicles
  - Quantity Survey
  - Progress Monitoring
- Preparation of DPRs
- Collaboration among key players
- Project Monitoring
- Asset management and maintenance

# Way Forward



# Way Forward

- Government Regulations
- Collaboration between Geo-spatial industry and Academia to develop industry ready resources in large numbers
- New business models



**Thank You All**

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