

Utilising the Principles of Blockchain Technology for Managing Road Infrastructure Projects

● BACKGROUND

The reputation of Road Infrastructure Projects is, that these projects are having poor success. Also in the construction sector known issues are complexity, collaboration, concurrency and collocation. For getting success in a project and to improve performance, information sharing plays an important role. With the help of this study a bridge between the information exchange theory and the advantages of Blockchain Technology will be generated.

● CONTRIBUTION OF KNOWLEDGE



● METHOD

- Literature Review
- Exploratory Focus Groups
Industry 4.0 – Blockchain Technology
- Interviews
Experiences Road Infrastructure Projects
New Technologies – Blockchain Technology
- Validation Focus Groups

● LITERATURE REVIEW

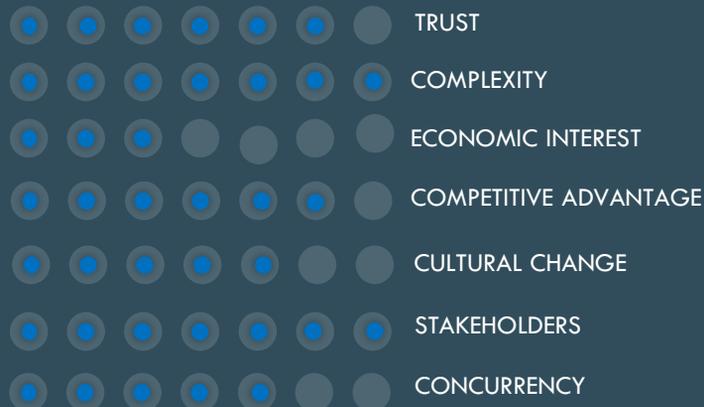
- Blockchain Technology
- Road Infrastructure
- Information Exchange Theory



● SKILLS – BLOCKCHAIN TECHNOLOGY



● CHALLENGES – ROAD INFRASTRUCTRE



● FINDINGS



● GET IN TOUCH



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