Uses of BIM technology on a Brazilian Electrical Utility

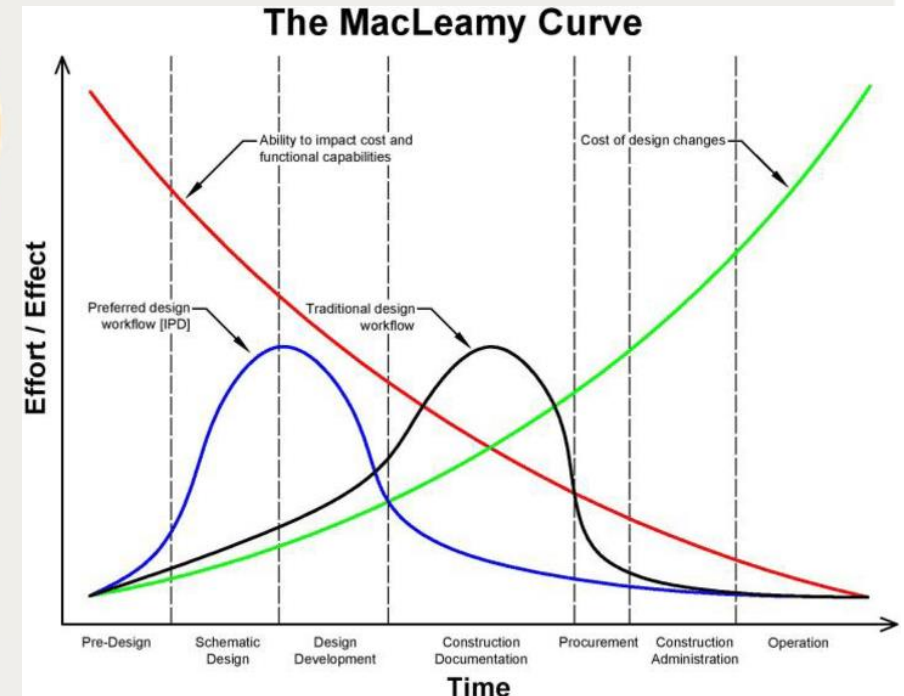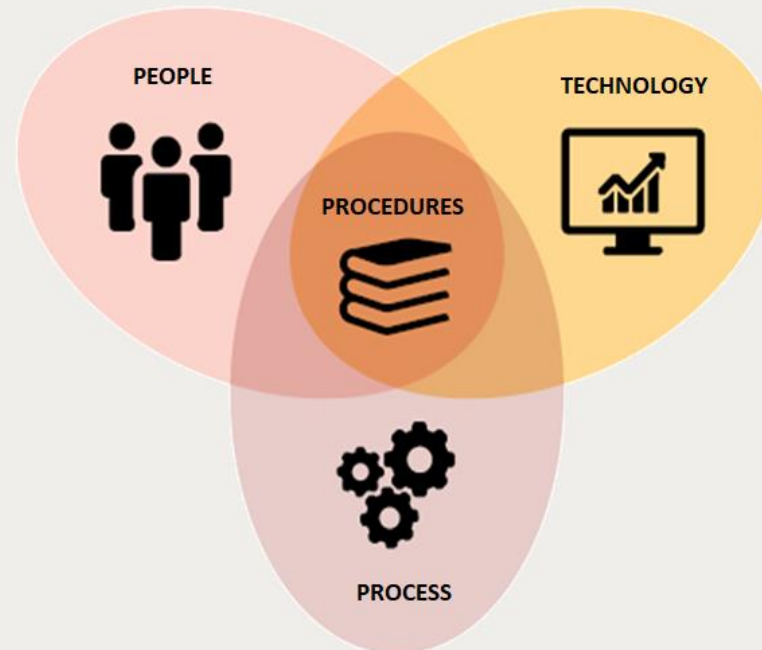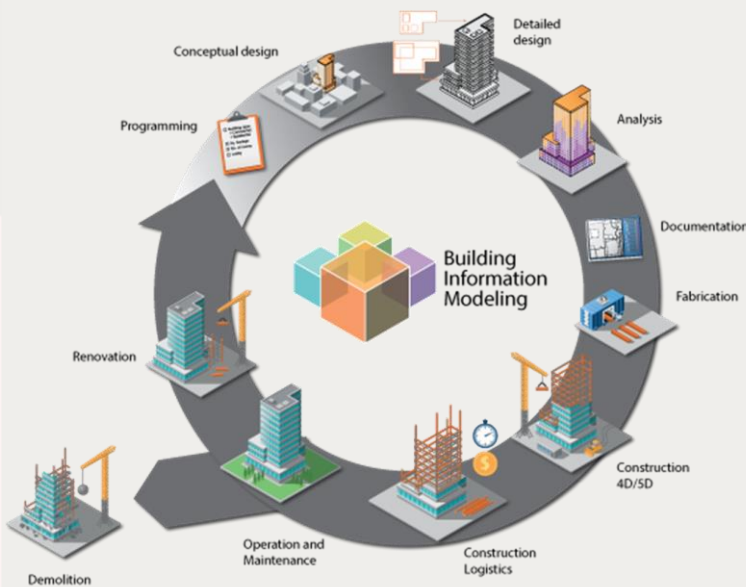## *SC B3 -* PS3 Q2

- *What examples and return of experience can be provided on digital substations and digital twins? Which emerging digital technologies will improve substations for the grid of the future? –*
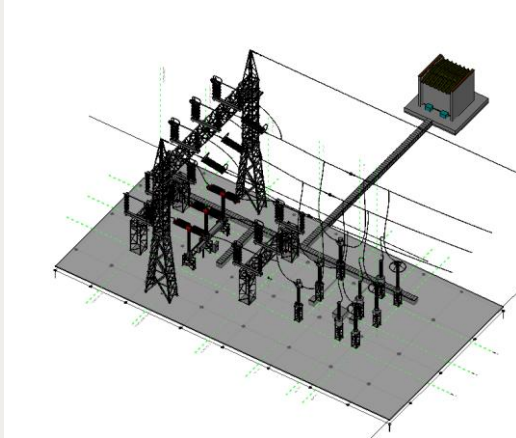
Santhiago Montenegro - Brazil
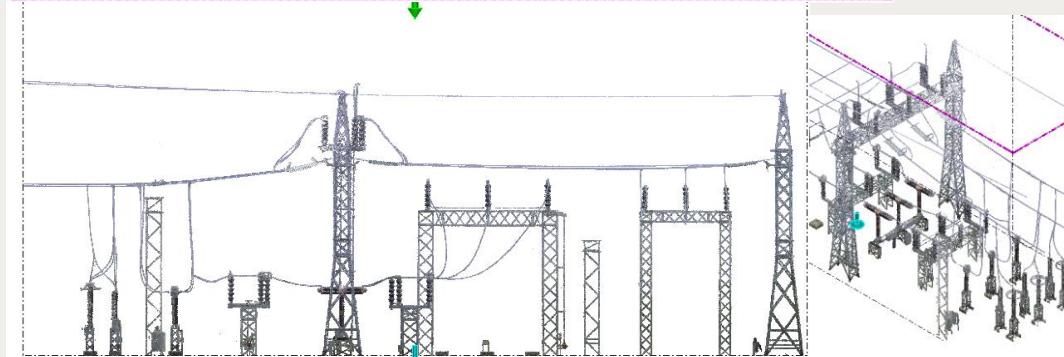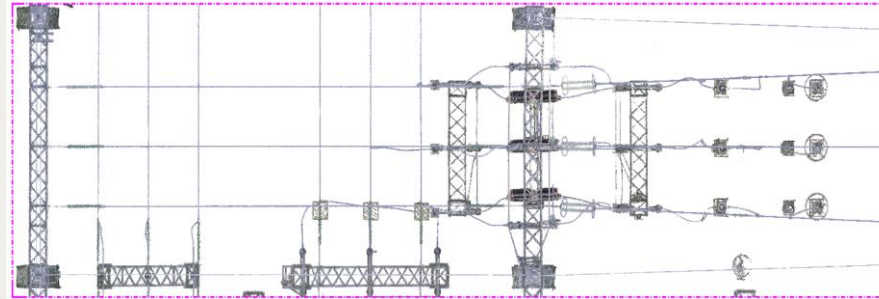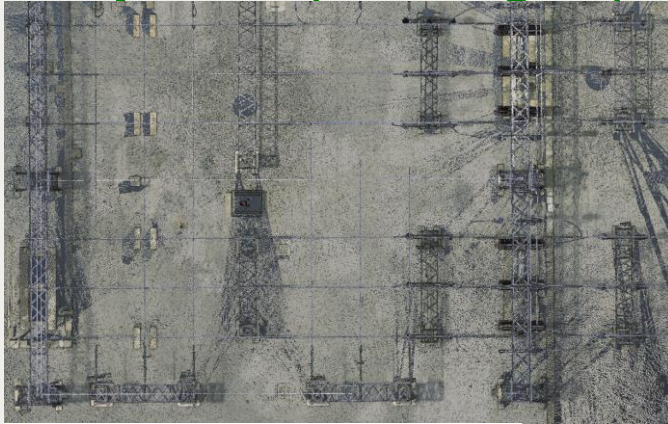
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What is BIM?

- *Building Information Modelling is a set of technologies, processes and policies enabling multiple stakeholders to collaboratively design, construct and operate a facility (Bilal Succar)*

The MacLeamy Curve

Group Discussion Meeting

2

Uses of BIM technology on a Brazilian Electrical Utility

• *Project for planning expansions of old facilities with poor detailed documentation*

Group Discussion Meeting

•Intergation BIM model + ArcGIS

Conclusions

•BIM methodology at substations is a hot topic among Brazilian utilities;

•National WG BIM applied to substations;

•The company which owns the presented substations is at stage of implanting the BIM methodology at the transmission and generation sectors, aiming to gain agility on information access and decision-making processes by the possibilities it provides.

Thank you for your attention !