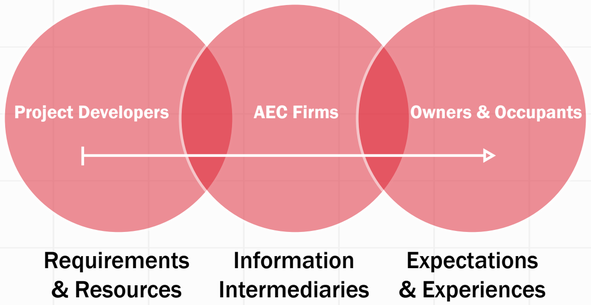
BIM IS 90% SOCIOLOGY AND ONLY 10% TECHNOLOGY

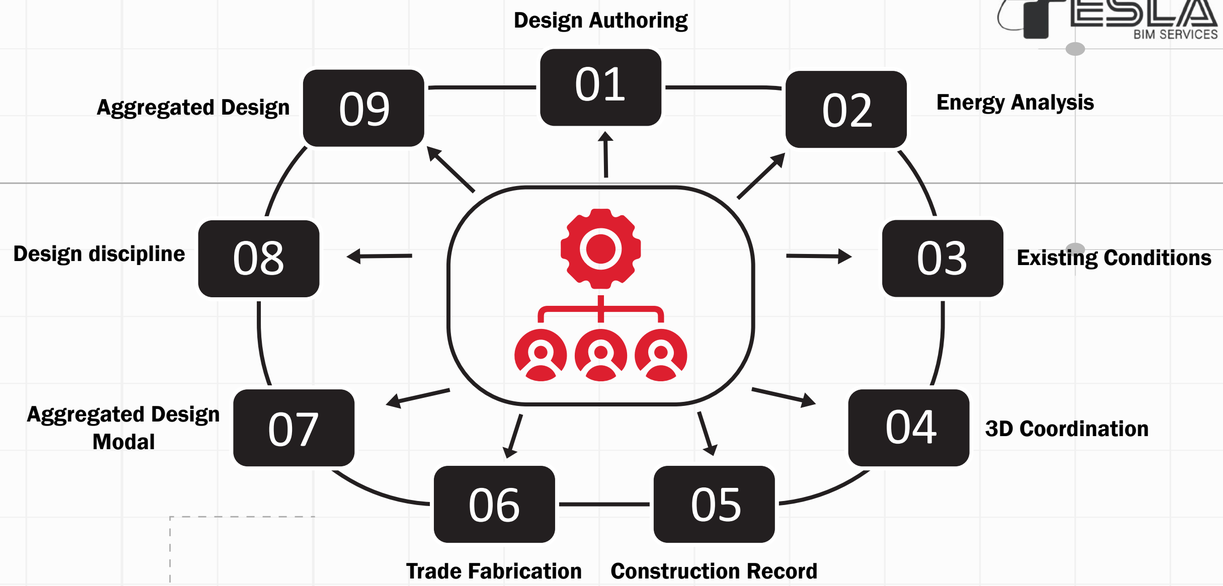
That mind-set is at the heart of the challenges that laid out how it typically takes the construction industry as whole 20 percent longer to finish than scheduled while also being 80 percent over budget. We cannot overstate how often these numbers get brought up in casual conversations and in the most prominent platforms in the space, which is why these numbers are so essential to highlight.

Digital Middlemen



The fact that the people who will actually enable efficiencies in AEC workflows and processes of all types reside inside an overlapping set of skills and technologies that need to be approached in a holistic manner, rather than as single systems. That single system approach creates silos that don't really benefit anyone outside of those silos.

The inherent limitations of those siloed workflows and processes have opened eyes across the space to the point that few people today doubt the authenticity of the given figures, the inefficiencies in construction. Many stakeholders understand that technology innovations will allow them to ease and eliminate those inefficiencies.



HOW CAN WE REDUCE CONSTRUCTION INEFFICIENCIES WITH BIM?

BIM is a platform that can provide a comprehensive and interactive assembly of the components in a building to create a new type of energy model. As more information is added to BIM for each individual part of the building, BIM becomes increasingly closer to matching the real-world building itself.

We can look at BIM as a technology providing the right tools for various disciplines to collaborate in order to develop an integrated information model. The main goal is to construct the actual building virtually before construction begins. In this way, teams can prevent errors, detect clashes, and resolve most of the design aspects. However, BIM is so much more than a technology.

1. Improve your planning
2. Find good construction management software
3. Start using Building Information Modeling (BIM)
4. Listen to your staff
5. Invest in training
6. Improve your communication
7. Establish performance measurements, and hold your crew accountable
8. Implement prefabrication and modular construction into your projects