A Critical Review of 3D Printing in Construction

Constructability Benefits
- Faster construction
- Low Cost
- Geometric freedom
- Short Supply Chain
- Better Productivity

Sustainability Benefits
- Less Waste
- Less Form work
- Safer Site
- Social
- Eco friendly Structure

Challenges
- Design
- Regulations
- Stakeholders
- Software
- 3D Printer
- Material

Risks
- Management
- Regulatory
- Cyber Security
- 3D Equipment
- 3D Material
- Construction Site
- Mangeemnt