

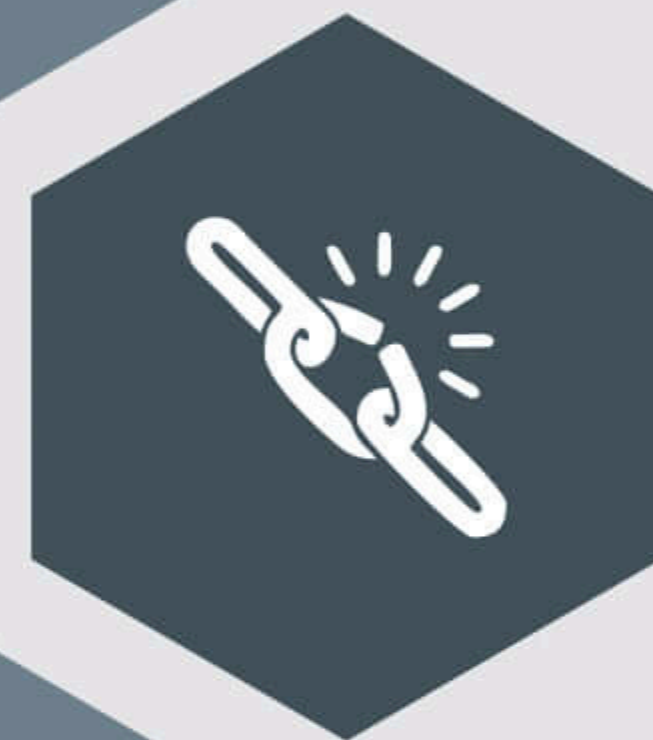
# SWOT ANALYSIS OF BUILDING INFORMATION MODELING

**72%** construction firms in the US are believed to be using BIM technologies for significant cost savings on projects.

## S

### Strengths

- Saves time and money through reducing construction waste
- Improves 3D design capacity
- Reduces risks and errors
- Stimulates construction sequences
- Reduces energy use over a building's lifecycle
- Can engage the smallest of companies
- Universally applicable on different industries, including construction, engineering, civil, water, mining and facility management



## W

### Weaknesses

- No collaboration culture across occupations
- Focus has been on building, rather than on information
- Governments need to take the lead
- Companies must work together
- No universal software platform
- Initial software and training cost is involved

## O

### Opportunities

- Connecting with international BIM leaders in education
- Integrating with stimulated training innovations
- BIM will be the DNA of future construction
- Developing new skills and knowledge opportunities



## T

### Threats

- BIM will destabilize traditional ways of working in the construction industry
- New types of construction contracts will be needed
- There is limited understanding of BIM
- There may be fewer suppliers
- Resistance to change

