

A hand is pointing towards a digital interface with a blue background and a grid of hexagonal icons. The icons include a house, gears, a bar chart, and a line graph. The word 'BIM' is prominently displayed in a large hexagon at the top center.

BIM

What is BIM?

Building Information Modeling

BIM is a smart 3D model of a building that shows how everything will work before construction starts, helping builders and trades workers plan better and avoid mistakes.



BIM

IN CONSTRUCTION

1 Create 3D models of buildings

2 Design rooms, layouts, structures

3 Plan building and systems virtually

4 Coordinate trades workers

5 Build safer buildings

6 Create energy efficient buildings

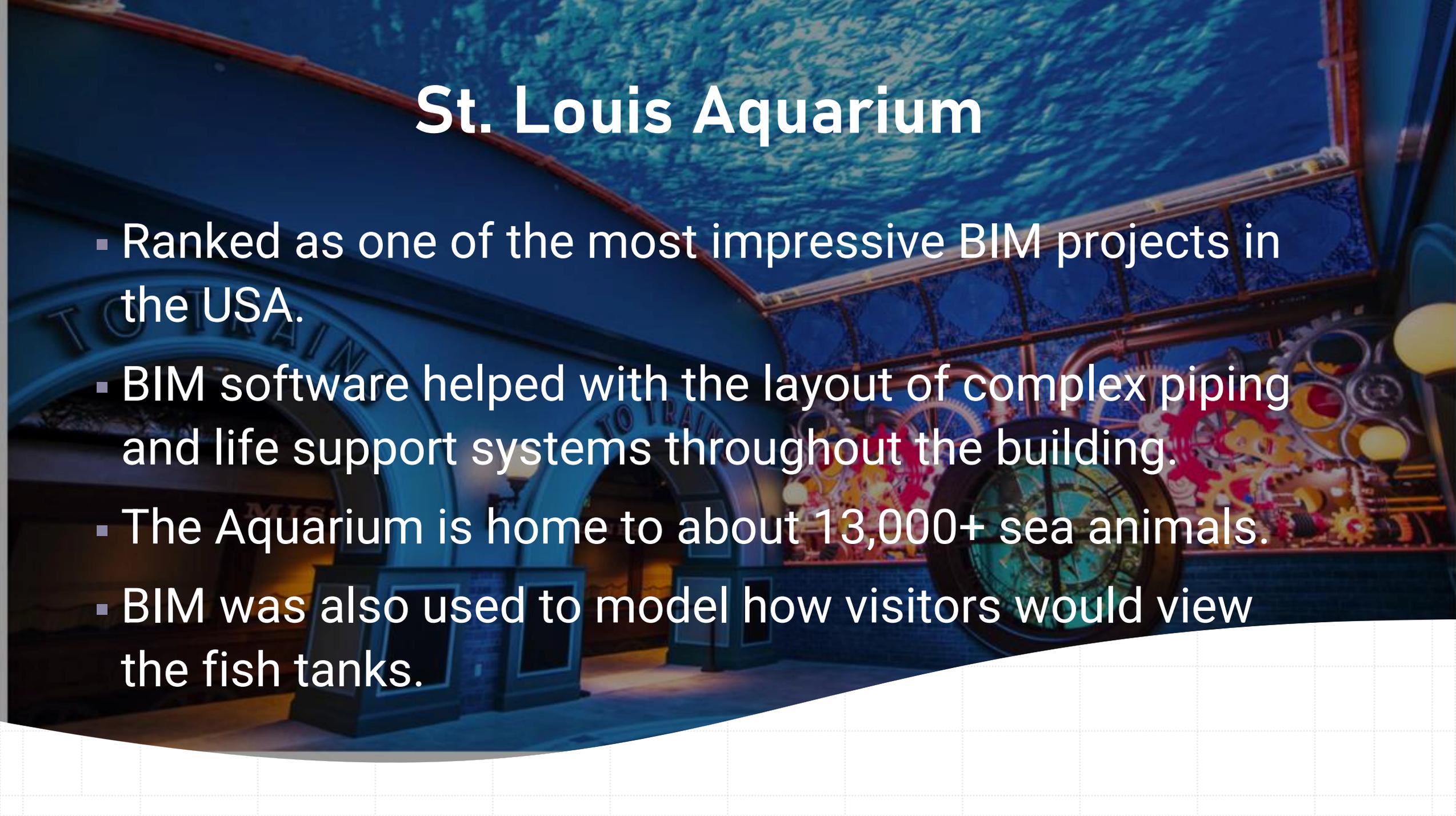
7 Reduce carbon footprint

A BIM Project

Do you recognize this **local** facility?



St. Louis Aquarium



- Ranked as one of the most impressive BIM projects in the USA.
- BIM software helped with the layout of complex piping and life support systems throughout the building.
- The Aquarium is home to about 13,000+ sea animals.
- BIM was also used to model how visitors would view the fish tanks.

Is BIM right for you?

1 Do you like working on computers?

2 Do you enjoy design?

3 Are you a visual learner?

4 Do you like to use advanced tech?

5 Are you a problem solver?

6 Are you creative?

7 Do you want a high-growth,
in-demand career?

What it takes to get BIM certified

- Community colleges such as STLCC offer BIM courses.
- General contractors will offer training and certification in BIM.
- Online certificate programs are available.
- Universities offer BIM certificate courses.

The average annual pay of a BIM specialist is \$86,000-\$105,000.



Now it's time to **TEST YOUR BIM SKILLS!**

