

Tech Brief: Transformative Structures

Technical Brief

Delivering a great pitch is an important step in convincing investors to fund a business, but while an effective pitch can get the attention of an investor, it takes more to get them to invest their money. Before committing to a business, investors need to have confidence that the entrepreneur has done their research and that they can explain what their solution is and how it works. The Technical Brief is your opportunity to show investors how much work you have done and how well you know your business.

Part 1. Describe your team's design process.

Write a brief description of your team's process. This is your opportunity to show investors all the thinking that went into inventing your solution and designing your business. Consider using the following prompts to structure your description.

- What problem does your business solution solve? Who are your intended users?
- How did your solution evolve from your initial brainstorming to the final design? What led to these changes?
- What research did you do while designing your solution? How did that research inform your design?
- What are the limitations of your solution? How do you plan to address these limitations?

Part 2. Use the following questions to fully describe your Transformative Structures solution.

1. How does your structure help address a need in the community?
 - a. Describe the community need your structure addresses.
 - b. Describe how your structure serves two different purposes.
2. How will you design your structure?
 - a. Provide a 2-D model of your prototype that shows the structure and its transformations
 - b. Provide specific information regarding the type of transformation needed for your structure. Include any angles and centers of rotations, factors of dilations, lines of reflection, and the amount and direction of translations.