"It is highly fortunate to take care of all humanity at a higher standard for living than anyone has ever experienced or dreamed of... that everybody can enjoy the whole work..." - Goethe

Plan BLUE answers a tech-oriented disaster towards a planned resilience through the process of a wellexplained, minimally resource-consuming, and easily rebuildable emergency shelter. The project is based on the idea that every design that is both self-sufficient and disaster-proof is a solution to mitigate natural hazards. The goal is to provide a safe space for people in disaster-prone areas while maintaining a sustainable and resource-efficient approach.

Brief: Community based, 100% self-sufficient, and with a minimum budget of $50/sqm.

Redefine 'Shelter': Here lies an opportunity to generate an optimal response to the disaster relief scenario, moving towards a higher standard of living without sacrificing the environment. The project explores the possibility of combining all disaster-related situations to generate the design.

Inspired by vernacular settlement, primarily software solutions, different datasets are used to respond to a battle and disarm the problem through the back of knowledge of MIT's recomposition. Water and waste management are fundamental in terms of disaster relief. Modern sewage and water systems often prove to be less effective in the context due to their high cost and complexity. Therefore the project proposes a building material that is capable of handling both water and waste issues without any kind of mechanical system in place.

The project is easily constructed using a combination of water barriers and bamboo. Bamboo is a highly adaptive, fast-growing, lightweight, and easily available. Mobile housing units can be easily assembled by the user. Water storage can be added by simple methods, such as collecting rainwater for sustainable self-sufficiency of inhabitants.