

### **Studio's Mission Statement**

This design proposal is created to provide an emergency livable habitat for Tuvaluan population during both the short-term disaster of hurricane and a subsequent need for low-cost and quickly deployable housings for immigrated people and the long-term disaster in which the rising sea level is gradually decreasing the country's livable land to the point that around 95 percent of the country is expected to be under water by 2100.

As this proposal is also a response to the Tuvaluan land loss due to sea level rise, the designed housing will also operate in tandem with the currently ongoing Long-term Adaptation Plan (L-TAP) enacted by Tuvalu's government and United Nations Development Program (UNDP), which works on building additional elevated land for Tuvaluan future generations, by providing a housing solution that can stay both on land and on water in case if the man-made land cannot be constructed in timely manner to meet the needs and the remaining insufficient piece of land needs to be dedicated to public's usages.

This extraordinary case of Tuvalu challenges the limit of currently employed emergency housing solutions which are typically designed for temporary occupation and not a long-term one as the crisis of rising sea level, unlike typical disasters that are devastating but short-lived, is gradually unfolding over time and not able to return to the state before the crisis. Hence, this design, in addition to its technical requirements, would need to be able to accommodate the long-term occupation and orient itself based on various lifestyles and careers of its occupants.