COMMERCIAL & ENTERTAINMENT COMPLEX  
FLōT: Offshore Community for the Future

M.Eng. (Structural Engineering) – Year 2 Sem 2 (2019-2020)  
Antoine Brincat

FLōT is a floating offshore community, providing an alternative to land reclamation on the Maltese Islands. It also promotes sustainable living and moves away from traditional Maltese construction, favouring low-rise construction and open spaces for more comfortable living spaces for residents.  
  
Being the economic and entertainment hub of this community, the 5-storey Commercial & Entertainment Complex is furnished with retail, dining and entertainment facilities that cater for the community’s inhabitants and visitors alike. Located off the Xagħra coastline, the complex aims to bring its users closer and to interact with the surrounding marine environment, through the design of an underwater panoramic restaurant and aquasports facilities.

Tying in with this central theme, energy efficiency was also designed for through the inclusion of features such as a full-depth central light well for passive stack ventilation and natural lighting, South and West-facing passive shading devices, and an underwater heat pump system.