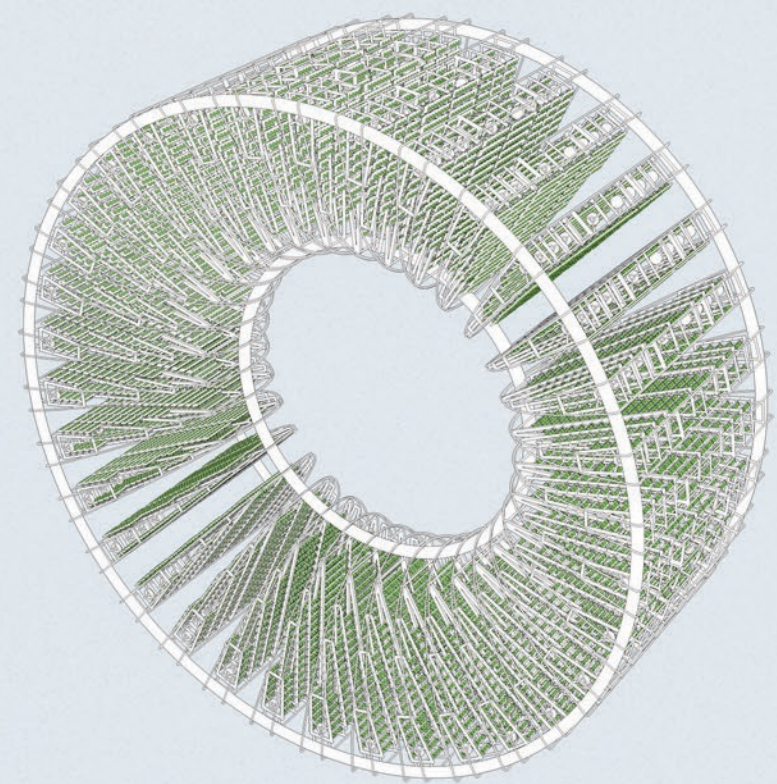
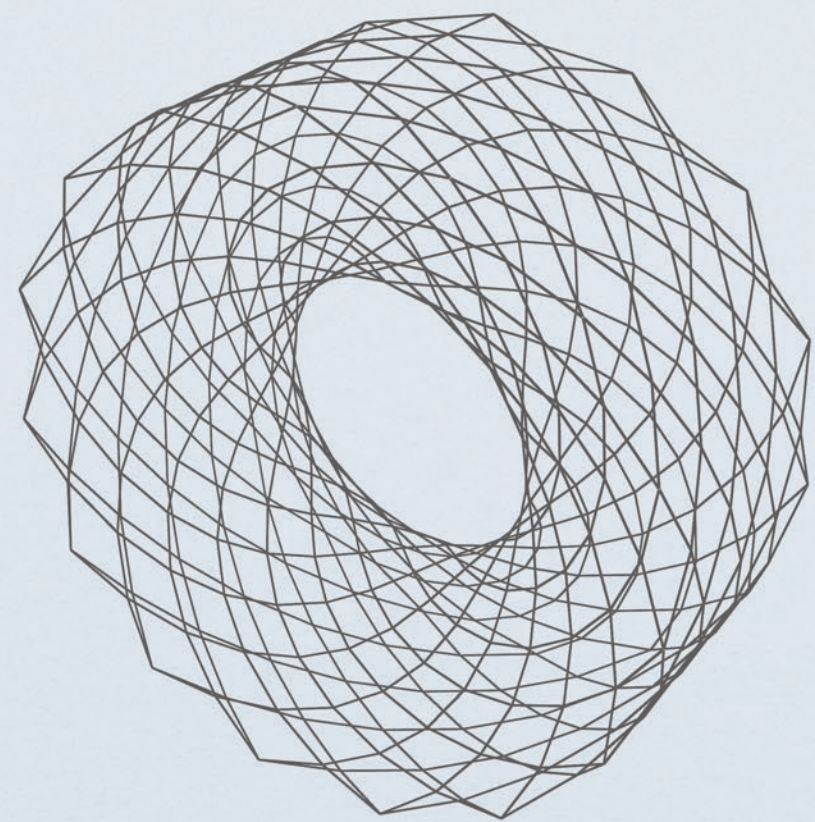


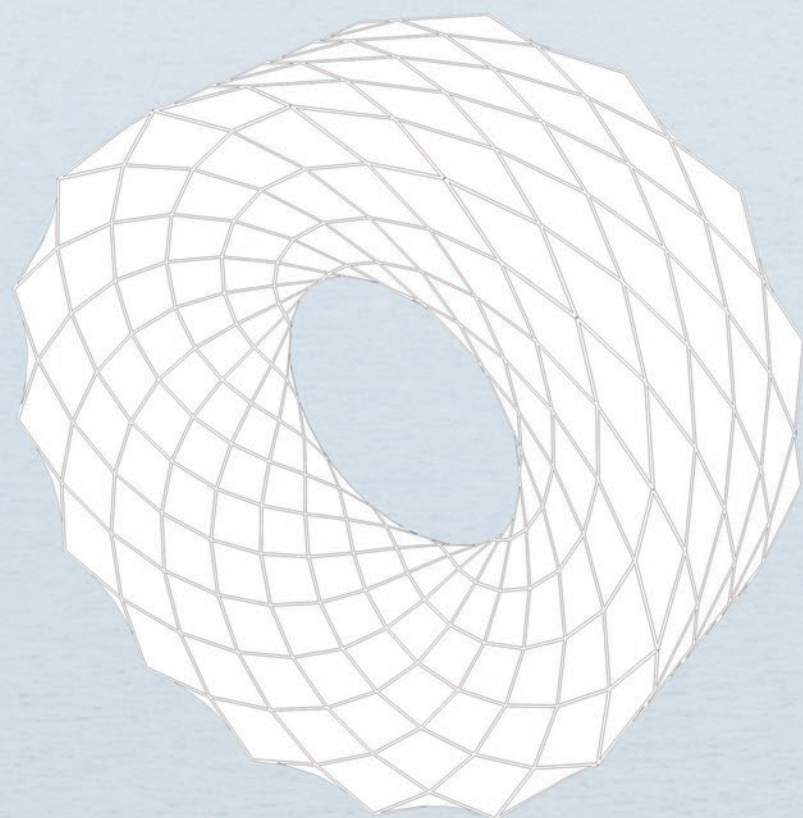
# RING GARDEN



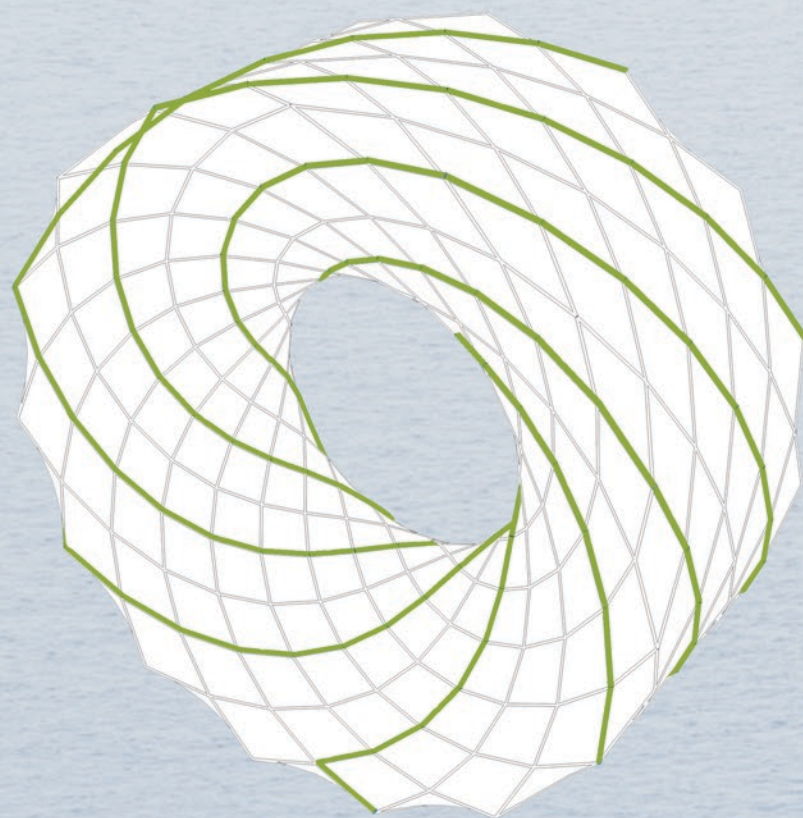
ROTATING FARM



FIXED METAL STRUCTURE



ETFE FOIL COVERING



ALGAE PIPES BIO-REACTOR

Aeroponics rotating farm with an overall area of 2Ha. According to NASA, plants grow up to 3x faster in aeroponic growing systems compared to in soil. It can increase yields by an average of 30% (depending on plant). It uses 98% less water than conventional farming saving aprox. 331,000,000 gallons/year of freshwater (cca. 2300 households). It does not require the need of polluting pesticides and fertilizers.

Fixed metal structure to sustain the plastic foil covering.

Closed circuite bio reactor. It uses the brine water left from the desalination process to produce bio mass.

Photovoltaic panels capable of producing 440 Mwh/year.

High efficiency reverse osmosis desalination plant.

Outdoor aeroponics garden open to public. People can come and pick and plant vegetables. The site contains an eco awarness center where people can learn more about sustainable living.

