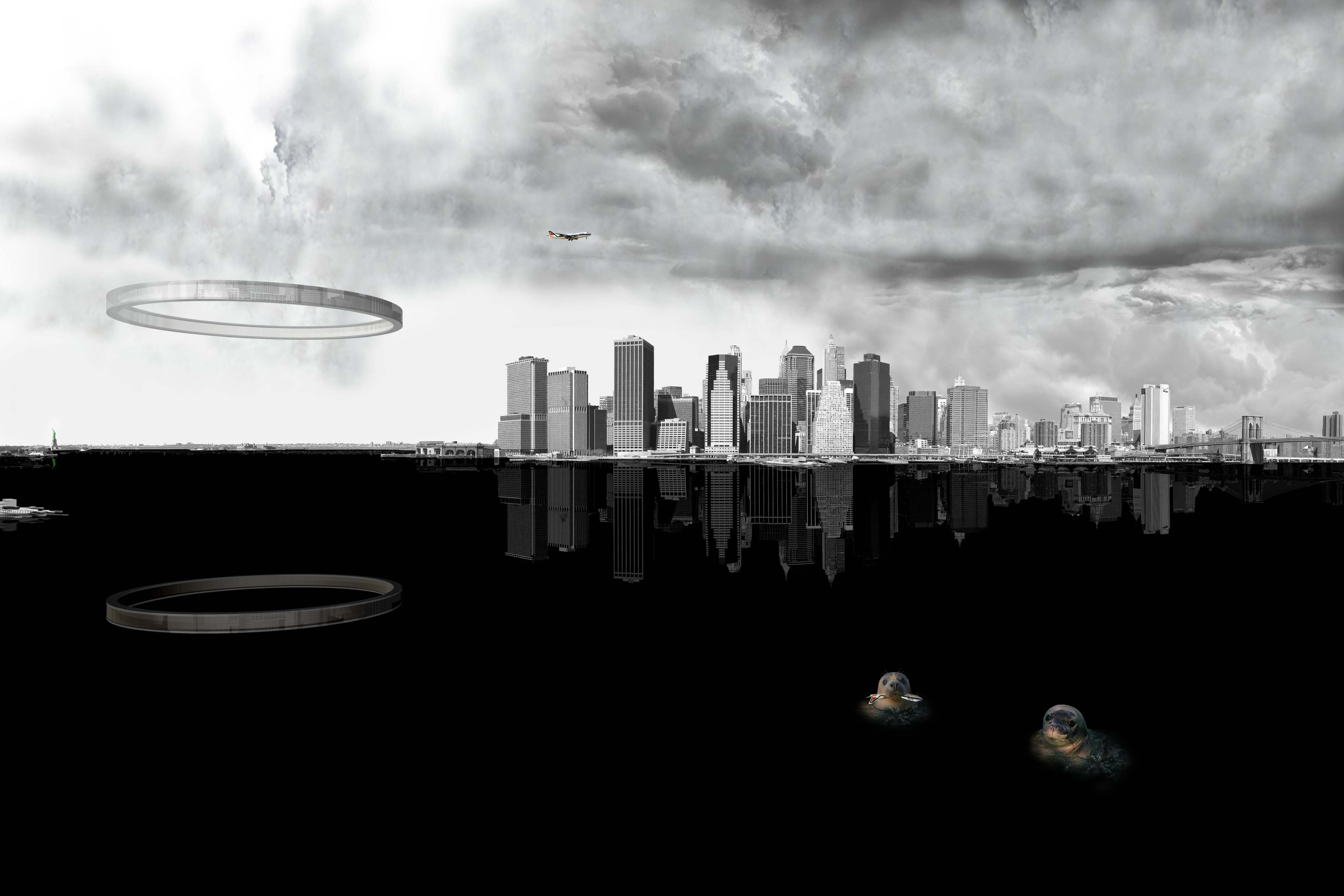
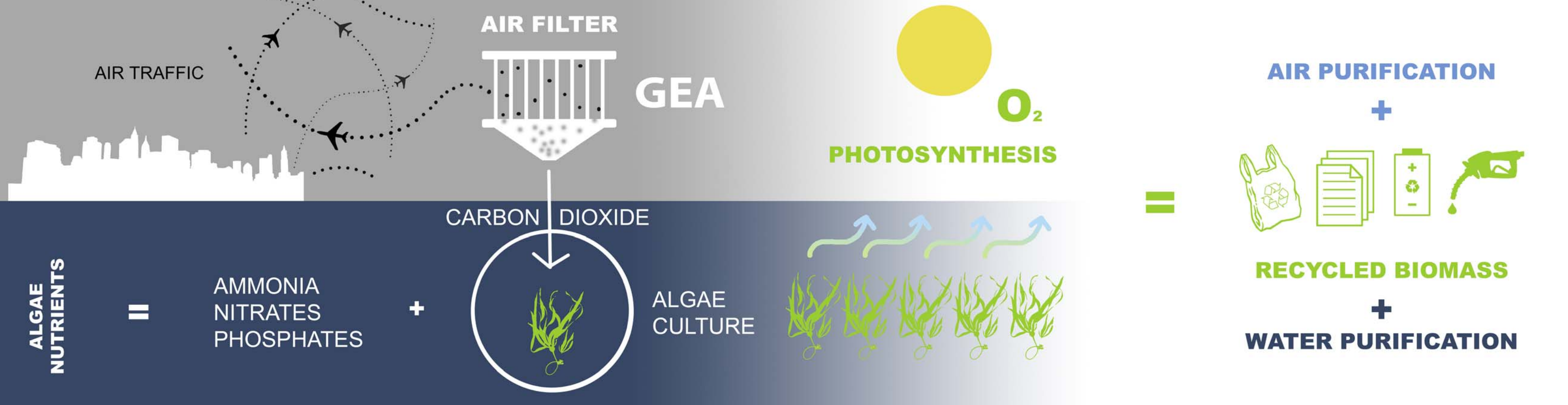






GEA CLEANS UP NEW YORK'S AIR GEA is a circular floating platform 3,000 ft in diameter subdivided into a system of basins for seaweeds culture. An aerostatic ring structure takes off from the perimeter of the platform, offering a flying panoramic deck over the entire Clean Tech Expo and at the same time an astonishing beacon visible from everywhere in the New York City area, marking the gate to the exhibition. The aerostatic ring is composed of an inhabitable base (a circular corridor 60 ft wide and 15 ft high) and an inflatable envelope on top of it for a total height of 150 ft. The inhabitable base houses tourist facilities, while the lateral surface of the envelope functions like a 2,400,000 sq ft sail, capturing CO2 particles within its multiple layers. Once landed, the CO2 particles can be discharged into the seaweeds basins completing a phyto-depuration cycle. Every year, commercial aircrafts carry 106 million passengers through JFK, EWR, and LGA emitting about 2,000,000 tons CO2 in New York City's sky. In one year, GEA flies in NYC's sky absorbing about 1,000,000 tons CO2, which cuts down carbon emissions from air-traffic by 50% and reduces New York City's total carbon emissions by 1.5%. A 1.5% carbon emission reduction means instantly doubling the annual reduction trend recorded in the last decade in New York City.

