In 1936 Robert Moses proposed to build a bridge from Red Hook, Brooklyn to the Battery in Lower Manhattan. It was never built. Moses' bridge was the product of the automobile century. Though it traverses a similar route, our proposed Brooklyn-Battery bridge is a product of the ecological century, representing a new infrastructural paradigm. Replete with CO₂ consuming algae bioreactors, structured wetlands, aquatic habitat and public realm amenities like swimming pools and fishing piers, this bridge represents a new ambition for contemporary infrastructure: providing necessary public services while creating economic, ecological and social value through the introduction of spectacular and compelling urban form.